

**LINDENWOOD
COLLEGE**

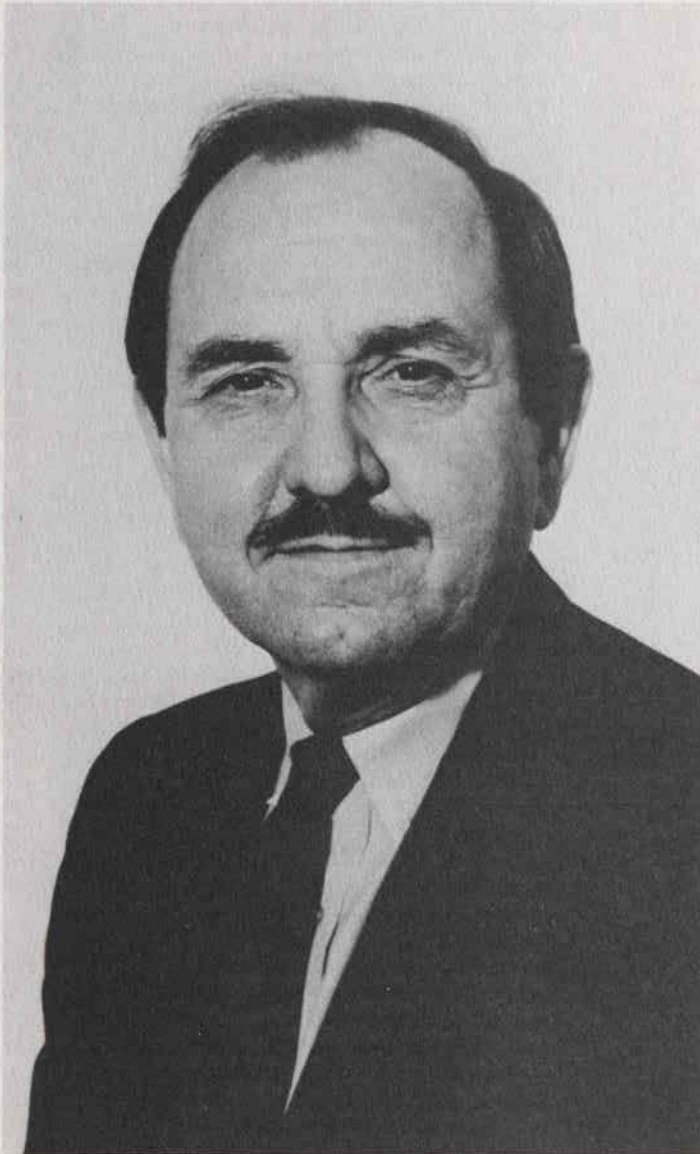
1987-89

COURSE CATALOG



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Dear Prospective Student,

I offer you a personal invitation to find out about the tremendous opportunities available to you at Lindenwood College.

We are pleased with your interest in our college. I hope you will please examine closely our academic program as described in this catalog. Upon reading this information, you will see that Lindenwood College offers the chance to be a person not a number.

Lindenwood provides you with small classes where you can achieve your fullest potential. It has a dedicated faculty that cares about you.

We have outstanding residential accommodations and, in fact, we are the fastest-growing residential campus in the metro St. Louis area. Our academic programs have been cited nationally for being innovative, unique and important in the quest for higher education.

We place a strong emphasis on values. We are convinced that what a person considers to be important determines to a large extent the kind of person that individual becomes.

Lindenwood is first a college, a place to learn about the many aspects of existence. But, it is more. In fact, it is the best of both worlds. Our picturesque campus is located minutes from the St. Louis metropolitan area, a place where you can find unlimited educational, cultural and recreational activities. Located near the bluffs of the Missouri River, our campus looks like a college is supposed to—ivy covered brick buildings, shaded walkways, towering Linden trees and an environment that is conducive to learning.

If you would like more information about the opportunities available at Lindenwood College, call our Admissions Office. We will answer your specific questions about our 160-year-old institution. We would love to have you come and join us beneath the Lindens!

Sincerely,

*James I. Spainhower
President*



Lindenwood College

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 Judaeo-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 their 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 the 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.

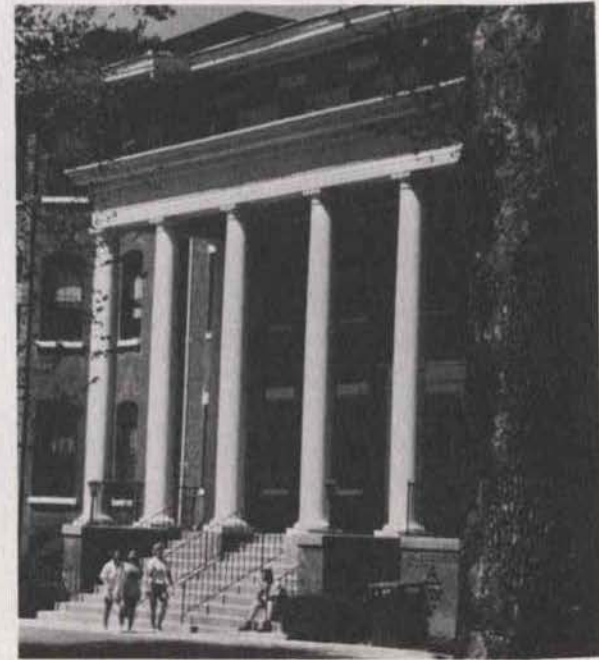
Its founders, Maj. George C. and Mary Easton Sibley, began a liberal arts school for young women which has served as a nucleus around which other programs have clustered for nearly 160 years.

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 three satellite facilities 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 to both men and women at the undergraduate and graduate levels. Cited as a "model program" in the United States, the LCIE provides students with full-time 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 nearly 2,000 students in more than 45 undergraduate and graduate degree programs.



ST. CHARLES, MISSOURI

Home of the first State Capitol, St. Charles is a city of about 50,000 that is situated in the fastest-growing area in Missouri and one of the most rapidly-developing locales in the United States.

Located 10 minutes west of Lambert-St. Louis Airport, St. Charles is situated on the banks of the Missouri River at a site where Lewis and Clark began their historic journey westward.

Attracting visitors from throughout the country to its restored historical district, St. Charles has a rich and colorful history, of which Lindenwood College plays an important part. The history of the city dates to its founding in 1769 by Louis Blanchette, a French-Canadian trapper, and his Pawnee Indian wife, Angelique.

The city was first under Spanish and then French rule for three decades before the Missouri Territory became a part of the United States through the Louisiana Purchase of 1803.

Today, the French architectural legacy is evident in the historic area of the city, an eight-block area which has been designated as one of America's Historic Districts and is listed on the National Registry of Historic Places, as is Sibley Hall on the Lindenwood campus. In this area of the city, many restored French homes, some of which have the characteristic *galerie* surrounding the second story, now are open to the public. Located in this historic area minutes from the Lindenwood campus are museums, arts and crafts shops, restaurants, boutiques, and antique shops, all of which add to the flavor of historic St. Charles.

In addition to its historic area, St. Charles contains nearly 100 restaurants, 600 rooms in first-class accommodations and more than 75 antique, craft, art, and specialty shops.

THE CAMPUS

Situated on nearly 100 wooded acres near the banks of the Missouri River, Lindenwood College has been called "one of the most beautiful campuses in the United States."

With its small classes, low student-faculty ratio, and individualized approach to education, Lindenwood provides its students with an academic environment which promotes effective learning in a beautiful campus setting. Its campus looks like a college is supposed to look—shaded, tree-lined pathways; red-brick Tudor-Gothic buildings that are covered with ivy, one being a registered historic landmark; recreational playing fields and the area's only artificial turf stadium; great residential and food-service facilities; and modern instructional facilities. Above all, Lindenwood is a place where students are treated as individuals.

Lindenwood is located minutes away from the cultural, educational, entertainment, and recreational facilities in St. Louis, America's "Gateway to the West." Lindenwood students have available to them such well-known attractions as the Municipal Opera in Forest Park, the restored Fox Theatre, Busch Stadium—the home of the St. Louis Football and Baseball Cardinals, the St. Louis Repertory Theatre, the St. Louis Symphony Orchestra, the St. Louis Soccer Steamers and St. Louis Hockey Blues, the famous St. Louis Zoo, Six Flags Over Mid-America Amusement Park and Mississippi River attractions, just to name a few.

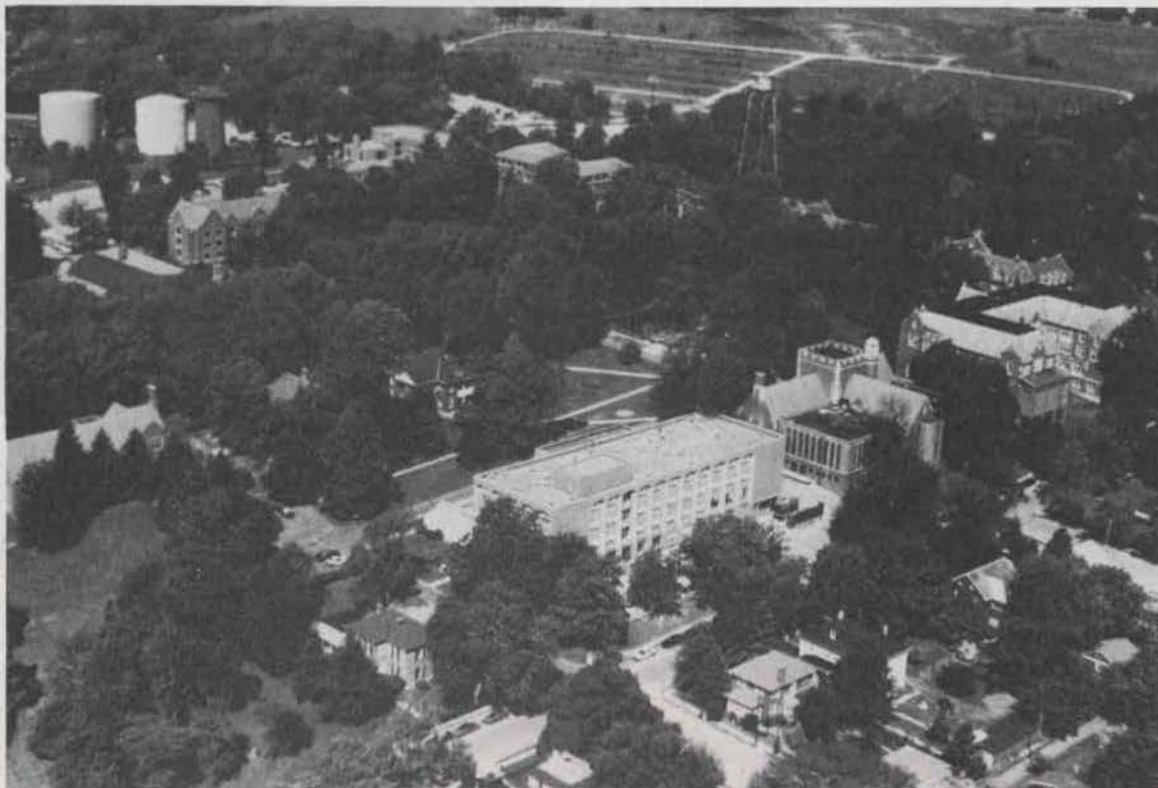
ALUMNI

Lindenwood College has more than 10,000 alumni throughout the United States and many foreign countries, representing a wide variety of careers and personal, professional, and public accomplishments.

Alumni activities, such as the college's annual Alumni Reunion Weekend each autumn, are coordinated by the Lindenwood College Alumni Affairs Office. Alumni throughout the country are informed of college activities through a variety of printed materials, including a quarterly tabloid newspaper.

The annual Alumni Reunion Weekend attracts several hundred alumni to the St. Charles campus each fall for three days of cultural, educational, and social activities.

Through a network of volunteers, the Lindenwood Alumni Council coordinates chapter activities in key parts of the country, including southern California, St. Louis, and Kansas City, MO, in addition to a large constituency in St. Charles. Smaller groups of Lindenwood alumni are found in major parts of the United States, and frequently they host





luncheons, meetings, and activities to foster liaison among college alumni and their alma mater.

The alumni are a vital part of Lindenwood's educational development and expansion. Nearly 50% of the alumni contribute to the annual fund. Alumni are represented on the college's Board of Directors, Board of Overseers, faculty and administration. They participate in all major decisions affecting the college's development and expansion.

DEVELOPMENT

Lindenwood College is engaged in a major fund drive called the Renaissance Campaign to secure \$10 million in pledges and contributions. With all levels of annual giving showing dramatic increases in recent years, the college is raising \$8 million for facilities development and campus expansion; \$1.4 million for student development, including \$1 million for leadership scholarship awards to deserving students; and \$500,000 for community development, including programs in basic skill development, value orientation, and work-service preparation.

The \$8 million in facilities development includes the construction of a \$5 million multi-purpose athletic and theatre complex, to be named the Renaissance Center, and \$3 million for major renovation of facilities and historic buildings on the Lindenwood campus.

LINDENWOOD FACILITIES

Located on approximately 100 acres in St. Charles, Lindenwood's campus is known for its spacious tree-shaded grounds and ivy-covered Tudor Gothic buildings. The college received its name from the large old Linden trees that were here when the institution was founded in 1827, some of which still exist today.

Among major facilities are:

SIBLEY HALL—The best-known building and oldest structure on campus, this facility is named in honor of Maj. George and Mary Easton Sibley, founders of Lindenwood College. Dedicated in 1860, it replaced the log cabin which was the beginning of the college. Listed in the National Registry of Historic Buildings, Sibley has been renovated and modernized in recent years. It houses Sibley Chapel, which is utilized for student recitals and classes, and Sibley



Parlor, one of the most attractive rooms on campus that contains a century-old piano, which is said to be the first concert grand to be shipped to the Midwest.

BUTLER LIBRARY—Named in memory of Margaret Leggat Butler, this Tudor Gothic building combines traditional beauty with modern facilities. Its large oak-beamed Cardy Reading Room contains a picturesque fireplace and large, comfortable sofas to provide students with an inviting place to relax or study. All three levels of the library contain carrels, seminar rooms, and study areas located throughout the open stacks of periodicals and books. An audio-visual department is located on the ground level of the building.

Open to the community, the library has more than 137,500 volumes, including nearly 31,600 government documents, and it subscribes to nearly 700 periodicals annually. Butler Library's memberships in the St. Louis Regional Library Network, the St. Charles County Library District, the Higher Education Center of St. Louis, and the Online Computer Library Center facilitate the borrowing and sharing of materials from virtually all types of libraries, regionally and nationally. An active library instruction program and full-time reference services provide individualized attention to all students at Lindenwood College.

ROEMER HALL—Erected in 1921, this building is named in memory of John L. Roemer, college president from 1914-40, and his wife Lillie P. In addition to containing the 415-seat Jelkyl Theatre for the Performing Arts, Roemer Hall provides space for staff and faculty offices, classrooms, lecture halls, the Campus Post Office, the Computer Center and administrative facilities, including the Business Office, the Office of the Dean of the Undergraduate College, the LCIE/Evening College Office, the Registrar's Office, the Public Relations Office and Printing Center, the President's Office, the Office of the Dean of Faculty, and the Office of Conferences.

FINE ARTS BLDG.—One of the newest facilities on campus, the Fine Arts Building contains modern studios, laboratories, and classrooms for the Department of Performing Arts and the Department of Art. The Hendren Gallery provides space for exhibits of works by students, faculty and leading artists. A recital hall and studio theatre which seats 100 is utilized for student directing projects and recitals. Traditional classrooms are complemented by music practice rooms, acting labs, a theatre shop, and studios for ceramics, painting and print making.

YOUNG HALL OF SCIENCE—Named in memory of Howard I. Young, former chairman of the college's board of directors, this modern, air-conditioned facility was completed in 1966. It provides laboratory and classroom facilities for mathematics and computer science, biological and physical sciences, history, and political science. Lecture rooms, faculty offices, reading rooms, photography darkrooms, a large auditorium and a lounge are included in the building. A greenhouse adjacent to the structure is used by the Biology Dept. for work and research in biology and floriculture.

ROEMER MEMORIAL ARTS BUILDING—Named in memory of Lillie P. Roemer, the Memorial Arts Building houses the studios and broadcast facilities of the college's community radio station, KCLC-FM, and Alumni Affairs and Development offices. An Elizabethan-style lounge, the Arthur S. Goodall Parlor, is named for a member of the college's board of directors, and is available for campus and

community events. Also located in the structure are offices and recital rooms for Lindenwood CASA, the campus facility of the St. Louis Conservatory & School of the Arts.

BUTLER HALL—Named for one of the college's greatest benefactors, Col. James G. Butler, this facility originally was a residence hall. It now houses administrative and faculty offices, including the Admissions Office, the Financial Aid Office and the English and Foreign Language Departments. A gymnasium and other athletic facilities are attached to Butler Hall.

STUMBERG HALL—Named in memory of B. Kurt Stumberg, M.D., former college physician and professor, this facility houses the Education Department and the Campus School.

NICCOLLS HALL—Containing residential accommodations as well as student, staff, and faculty offices, Niccolls Hall houses the College Bookstore, the Lindenwood Lodge for campus visitors, and the Consolidated Advising Program Office.

THE GABLES—Located in the center of the campus, this frame building, which once served as the President's home, now houses the Student Center. Activity areas, a snack bar, meeting rooms, and study lounges are found in this facility.

AYRES DINING HALL—Housing the Food Services, Ayres Dining Hall provides students, faculty, staff, and visitors with food and beverage services ranging from cafeteria-style meals to banquets. Private rooms, such as the Legacy Room, provide facilities for special occasions and campus events.

LINDENWOOD STADIUM—Located in a natural amphitheatre near Parker Hall, the stadium contains one of few artificial playing surfaces found in the metropolitan area. With a seating capacity of 5,000, the stadium provides facilities for area soccer and football, including home games for Lindenwood's men's and women's teams. Nearby athletic facilities include an outdoor pool, a softball field, a gymnasium, an archery range, and four tennis courts.





RESIDENCE HALLS

IRWIN HALL—Named in memory of the Rev. Robert Irwin, college president from 1880-93, this building is a residence hall for 85 women.

MCCLUER HALL—Erected in 1961 and named in memory of President Franc L. McCluer and his wife, this modern, air-conditioned hall provides accommodations for 92 women.

PARKER HALL—Named in memory of Alice Parker, former professor of English literature, Parker is a coeducational air-conditioned hall with facilities for 128 students.

COBBS HALL—Named in memory of Thomas H. Cobbs, a prominent St. Louis attorney and member of the college's board of directors, this air-conditioned coeducational hall houses the Babcock Center for the Study of Modern Business and the Business Administration Department, as well as the Fashion Marketing Program. Cobbs Hall has offices and facilities for business, including audio-visual, seminar and reading rooms. A large lounge is available for meetings, seminars, and campus events. The upper floors of the brick building contain residence rooms for 60 students.

OFF-CAMPUS CENTERS

OLIVETTE CENTER—Located at 9137 Old Bonhomme in Olivette, this satellite branch provides offices and classroom facilities for the Lindenwood College for Individualized Education.

DOWNTOWN CENTER—Located at 230 Mansion House Center in downtown St. Louis, this center provides instructional facilities and administrative offices for working adults enrolled in undergraduate and graduate programs in the Lindenwood Evening College. This facility is climate-controlled the year around and has ample covered parking.

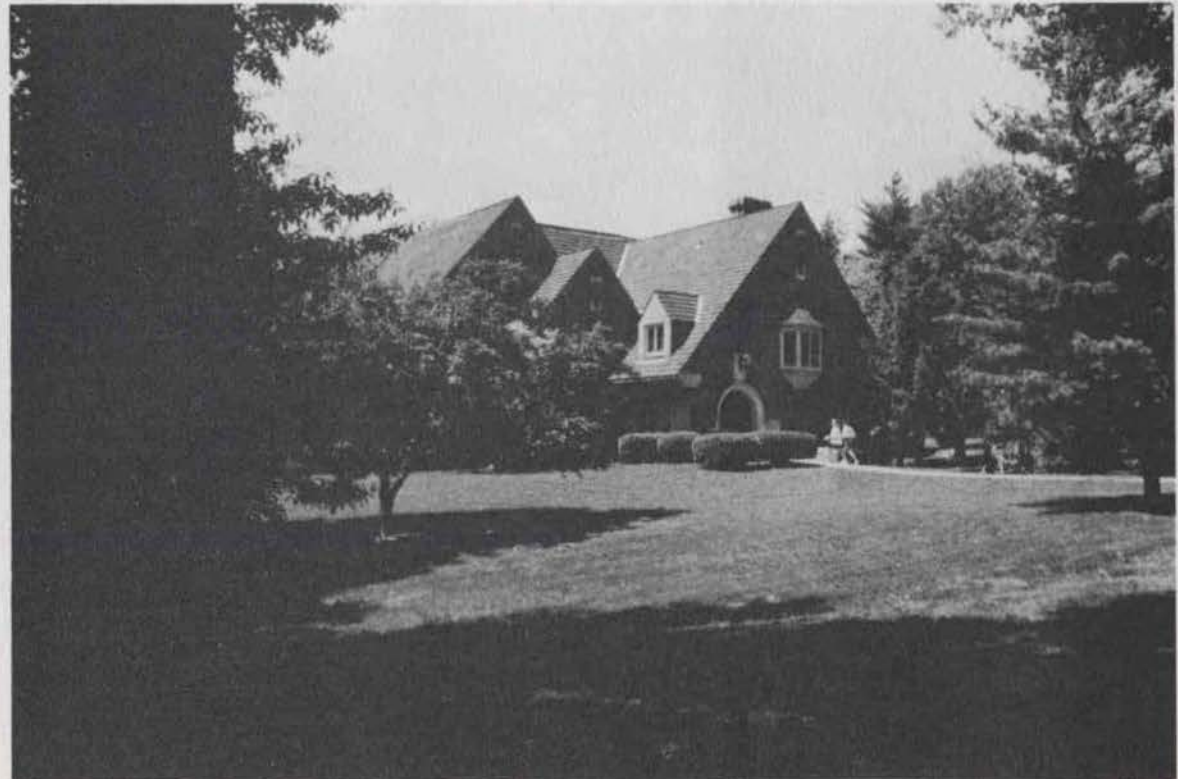
WESTPORT CENTER—Located at 2043 Woodland Parkway, Suite 102, in west St. Louis County, this facility meets the needs of working adults enrolled in undergraduate and graduate programs of the Lindenwood Evening College. Classrooms and administrative offices are housed in a newly constructed, air-conditioned facility with ample free parking.

In addition to off-campus facilities in downtown St. Louis and St. Louis County, the college provides on-site instruction at a number of businesses in the metropolitan area, including courses for American Telegraph & Telephone Information Systems, General Motors Corp., and United Van Lines International.

CONFERENCES

Lindenwood College's instructional facilities, classrooms, meeting and conference facilities, and residential accommodations attract thousands of visitors each year as a variety of conferences, workshops, meetings, and community events are hosted at the St. Charles campus.

The college offers a variety of services and accommodations to community groups, religious organizations, businesses, and trade and professional organizations through its Office of Conferences. In addition to space accommodations, the college's range of services varies from housing individuals or groups of up to 400 persons to food services ranging from coffee and donuts to banquets.



Out-of-Classroom Life

The fabric of a learning community weaves itself whole. To bridge formal and out-of-classroom learning, the offices and staffs of the Dean of the Undergraduate College and the Dean of Faculty—often in collaboration with the Lindenwood Student Government—promote programs, services, and diverse opportunities for personal growth and development.

Lindenwood College currently serves nearly 2,000 students in more than 45 undergraduate and graduate degree programs. Resident students live on a small, wooded, highly attractive campus within a large metro area that offers almost unlimited cultural, recreational, entertainment and service opportunities.

All students at Lindenwood—full-time and part-time, in or out of St. Charles, undergraduate or graduate—are encouraged to participate in the Lindenwood Student Government (LSG). The LSG works to promote structure for student expression and self-government. It co-administers the Student Activities Fee, which funds academic, cultural, and social programs, and provides an operating budget for virtually all College clubs and organizations. (A comprehensive list, as well as more details on the Fee, are provided in the Student Handbook, distributed by the Office of the Dean of the Undergraduate College.) Members of the LSG play a strong role in the academic and administrative decision-

making process of the College through membership on various governance committees.

Irwin, McCluer, Parker, and Cobbs residence halls provide students with modern, clean and spacious accommodations. Many rooms are air-conditioned with private baths.

Located near the residence halls is Ayres Cafeteria, which provides food and beverage services. Private rooms for special occasions or banquets are available. In addition to Ayres Cafeteria, the college operates a snack bar in the Student Center. Food and drinks are also available at the Book Store, located in Niccolls Hall.

Athletic facilities on campus include a gymnasium with weight-lifting equipment, an outdoor pool, a softball field, an archery range and four tennis courts. The Lindenwood Stadium, a 5,000-capacity facility having the only artificial-surface field in the area, is located in a natural amphitheatre near Parker Hall, offering accommodations for football and soccer.

Adjacent to the campus is the St. Charles Presbyterian Church. Completed in 1957, it serves both the campus and the community. Many other denominations offer services in St. Charles, minutes from the strategically-located Lindenwood campus.

Lindenwood's outstanding residential and food service facilities enhance the ability to become a part of the campus community. Lindenwood has increased its residential population by nearly 200 percent in the past few years, making the college the fastest-growing residential campus in the metropolitan St. Louis area.

CONSOLIDATED ADVISING PROGRAM (CAP)

The CAP Center provides a comprehensive array of services and resources to students, alumni, faculty, and staff, with primary emphasis on career development, academic assistance, and personal growth.

Services include:

- Career planning and placement
- Academic assistance and peer tutoring





• Personal counseling

In response to Lindenwood's diverse student population, the CAP Center has the resources to meet a variety of needs: for the first-year student exploring options and objectives, for the adult learner experiencing mid-life transition and evaluating choices, or for all those seeking personal growth and enrichment.

RESIDENCE HALLS

Each Lindenwood residence hall has a distinctive atmosphere, meant to extend and enhance the College's classroom experience. The sense of local identity in each hall is built by residents who, through their elected officers and members of the College staff, recommend and evaluate residence policy. Head Residents provide out-of-peer-group support to students on a day-to-day basis. (For more detailed information on each residence hall, see the Facilities section of this catalog.)

ATHLETICS

Intercollegiate, intramural, and recreational sports are an important part of Lindenwood's out-of-classroom life.

Intramural sports such as volleyball and softball offer exercise and competition to all students in the community. Intercollegiate soccer and basketball, and the club sport of women's softball are offered for full-time students.

Lindenwood is a member of the Men's and Women's Divisions of the National Association of Intercollegiate Athletics (NAIA). Athletic grants are available for men and women in soccer and basketball, in addition to academic scholarships or other forms of financial aid for which the student may qualify.

RELIGIOUS LIFE

Lindenwood College enjoys a rich, long standing relationship with the Presbyterian Church (USA). The college was founded by Presbyterian pioneers Mary and George Sibley. Since its founding, Lindenwood has been blessed with many distinguished Presbyterians who have given leadership in the administration, faculty and student body. In 1984, the College affirmed its church-related character through a covenant with the Synod of Mid-America. This covenant encourages the development of a rich and varied religious life at Lindenwood.

The college fosters an ecumenical spirit which celebrates the wide range of religious traditions represented on campus. Worship services are led on campus by a Roman Catholic priest and the College Chaplain, an ordained Presbyterian minister. Students wishing to worship off campus can find religious services of all major faiths within walking distance. Presbyterian students are welcome at the St. Charles Presbyterian Church located adjacent to the campus. The College Chaplain chairs the Religious Life Council, an officially recognized student organization which promotes diverse religious expression and plans a variety of community events.

HEALTH SERVICES

Students needing medical care are offered referral sources through the College Health Center. A registered nurse, who serves as Director of the College Health Center, is on duty during the school week. Facilities and services of the St. Joseph Health Center, a comprehensive, 400-bed hospital in St. Charles approximately a mile from the campus, are available to students at all times.

HONOR SOCIETIES

Lindenwood students may qualify for membership in a number of national and local honor societies.

National: Alpha Lambda Delta, freshman honorary; The Music Educator's National Conference; Alpha Epsilon Rho, communications; Phi Sigma Tau, philosophy; Pi Delta Phi, French; Sigma Delta Pi, Spanish.

General: Mu Phi Epsilon, music; Pi Mu Epsilon, mathematics.

Local: Alpha Sigma Tau, senior scholastic scholarship; Linden Scroll, senior service; Student Artist Guild, art; Triangle, science and mathematics.

CULTURAL EVENTS

Lectures, recitals and concerts are presented each year by the music faculty, by Lindenwood student music majors, the Lindenwood Madrigal Singers, as well as by visiting artists and guest lecturers.

Discount tickets are frequently available for plays, concerts, and area cultural events through the Office of the Dean of the Undergraduate College. Full-time Lindenwood

students may attend Lindenwood Performing Arts presentations and many other local events at little or no cost through funds provided by the Activities Fee.

KCLC-FM

Students may participate in the operation of the campus radio station, KCLC-FM. A stereo facility, it is the principal local radio station in St. Charles County and performs a major role in community affairs. It is operated by the Communications Department.



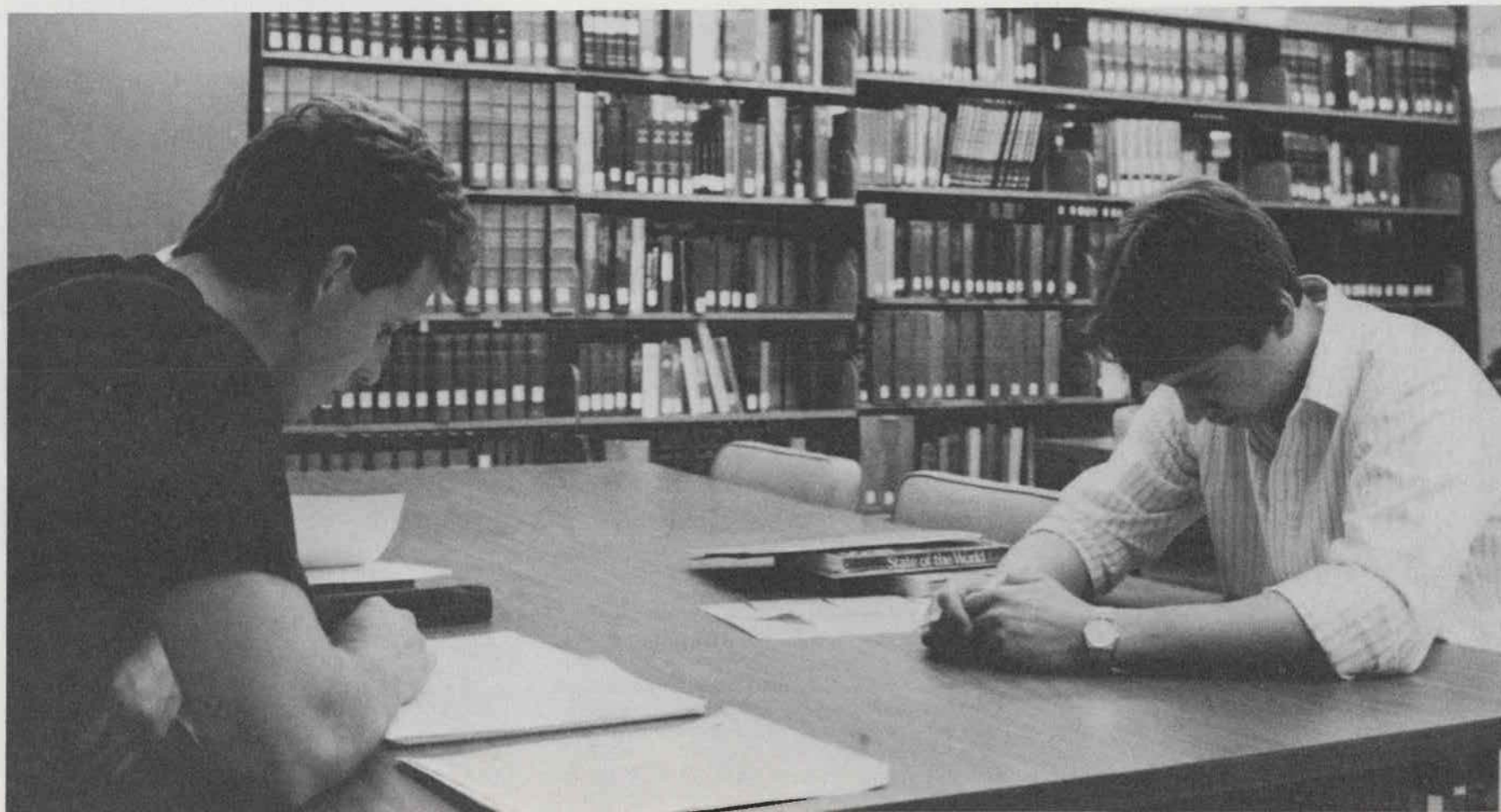
PUBLICATIONS

A newspaper (*The Linden World*), a yearbook (*The Linden Leaves*), and a literary magazine (*The Griffin*), are published through funds appropriated by the Lindenwood Student Government.

ALL-COLLEGE READING LIST

Each year the Lindenwood faculty prepares a reading list containing from 2 to 6 works. These works will be the focus of various discussions, lectures, and presentations through the school year and will be included as reading material in

appropriate courses. The reading list is intended to encourage investigation and dialogue that is of value to all members of the Lindenwood community. All students are encouraged to read these works and to participate in related discussions and events on campus. The college will not test students on the reading list. It is expected that the students' desire to broaden their experiences and their understanding will stimulate the active participation of both day and evening students.





Undergraduate Admissions

INFORMATION FOR APPLICANTS

One of the hallmarks of an education at Lindenwood College is an emphasis on treating each student as an individual. This effort begins with the admissions process which focuses on a thorough evaluation of each applicant and an assessment about the prospective student's ability to benefit from the Lindenwood experience. Applicants are requested to provide the College with a variety of materials which assist us in making that assessment.

We are interested in students who possess well-developed academic skills and who have a desire to learn. We also look for students whose personal characteristics enhance and complement their academic skills. In the evaluation process, we look for evidence of intellectual capability, communications skills, and leadership ability. We also seek students who are motivated and committed to the attainment of their educational goals. We want students who are interested in becoming well-rounded individuals through personal as well as intellectual growth and development.

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. In admitting those students whom we believe will succeed at Lindenwood, we believe that we do not only benefit the student but that we also contribute to the quality of our academic program and the reputation of the College.

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

SELECTION CRITERIA

Candidates applying to Lindenwood College will be evaluated individually by their Admissions counselor, Direc-

tor of Admissions, and, in selected cases, the Admissions and Financial Aid Committee. Lindenwood recommends that at least 16 units be completed in solid academic areas (one year of study 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 the 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.

In evaluating the application of a prospective student, the following variables are considered:

1. Academic record. The quality of academic achievement in the ninth through twelfth grade for college freshman applicants and college level work for transfers is the most important variable in our assessment criteria.

2. Standardized testing. Either the American College Test (ACT) of the American College Testing Program or the Scholastic Aptitude Test (SAT) of the College Entrance Examination Board is required of all freshman applicants who have recently graduated from high school. 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 applicants for the major in Education.

3. Autobiographical Statement/Essay. The college requires that all applicants submit a writing sample in the format of an autobiographical statement or essay.

4. Interview. A personal interview with a College Admissions counselor is recommended for all applicants. An interview may also be required with the Director of Admission when one or more variables in the selection criteria fall below the minimum acceptable level.



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 waived. This

waiver may be furnished by the high school counselor or an appropriate agency official.

2. Results of either the ACT or SAT. Applications and scheduled dates for these examinations are available at the student's high school. Lindenwood's code number is 2324 for the ACT or 6367 for the SAT.

3. Official transcripts from the last high school attended as well as from all colleges/universities. Applicants who attended but did not graduate from high school are required to submit high school transcripts and the GED certificate.

4. An autobiographical statement or essay.



INTERNATIONAL STUDENTS

In addition to the aforementioned documents, international applicants are required to submit:

1. A letter of financial responsibility attesting to the student's or sponsor's ability to pay for tuition, fees, and living expenses for one year. The letter must state the exact amount available for support and may be a certified bank letter.

2. A TOEFL score of at least 450. Results of standardized American tests (ACT/SAT) are also recommended and when these are supplied the TOEFL requirement may be waived.

ADMISSION PROCEDURES

Applications are reviewed on a rolling basis. The applicant's completed application file is initially reviewed by his/her Admissions counselor. The counselor will then make a recommendation. The Director of Admissions then reviews the file and will admit all applicants who fulfill minimum standards for admission.

When an applicant does not meet the minimum standards for admission, the student's application materials will be reviewed by the Admissions and Financial Aid Committee which, in turn, will determine the applicant's admission status.

Applicants are notified in writing of the college's decision on admission. At that time, the applicant will be asked to signify acceptance of the admission offer. Applicants who do not accept the offer of admission are asked to notify the college in writing of their decision.



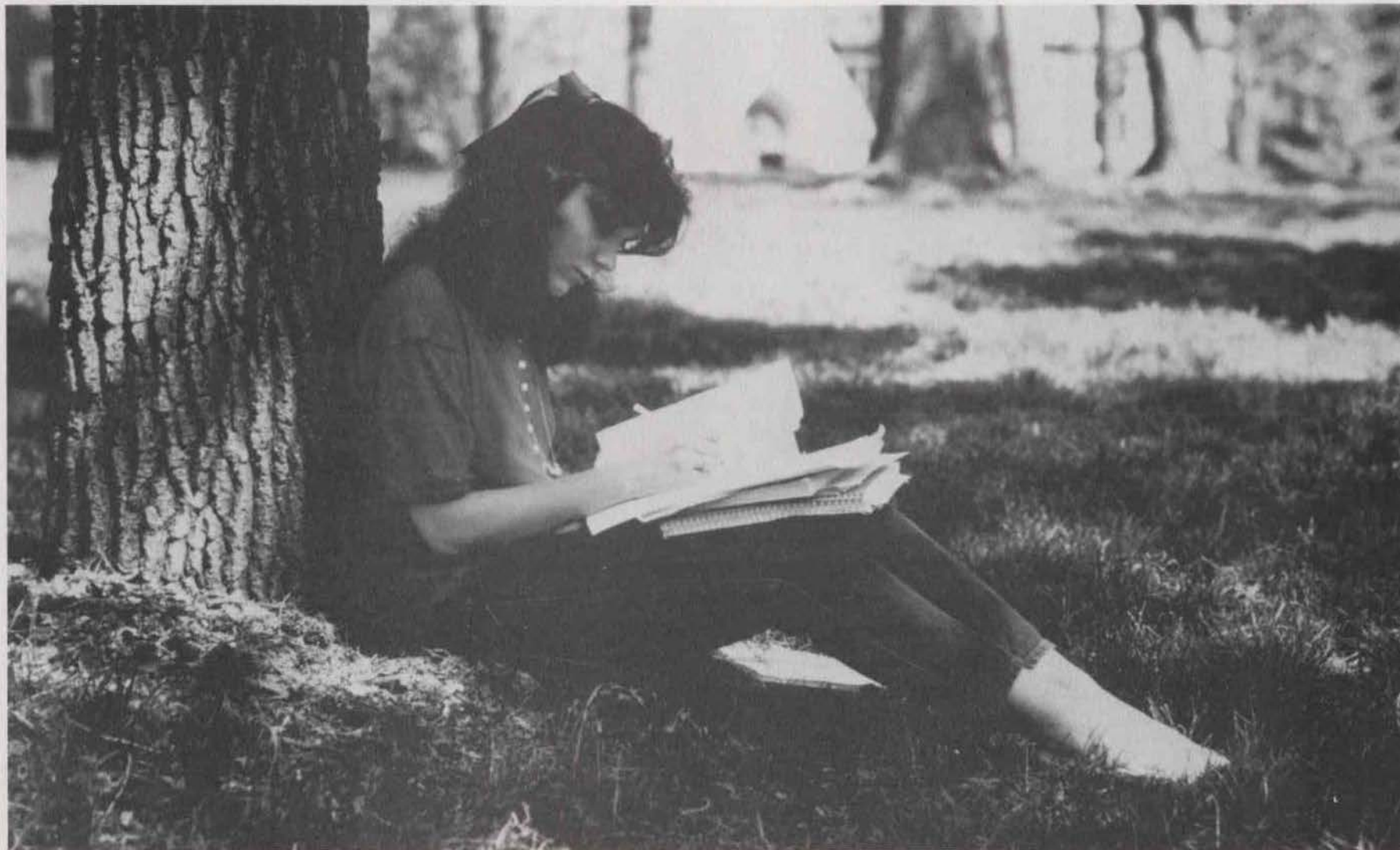
DEFERRED ADMISSION READMITTANCE

Students may wish to defer entrance to a future term. This may be done by notifying the Office of Admissions in writing. A deferred file will be kept active for one calendar year.

The college's policy on readmissions is set forth in the section of the catalog entitled Academic Procedures.

APPEAL PROCEDURE

Students seeking reassessment of an admission decision should direct an appeal to the Admissions and Financial Aid Committee through the Director of Admissions. In this case, students would be expected to provide additional documentation through the Director of Admissions.



Student Expenses

TUITION, ROOM AND BOARD CHARGES

1987-88 Academic Year

Tuition

Full-time undergraduate tuition (12 or more credit hours) \$5,680 per year/\$2,840 per term

Lindenwood College for Individualized Education

Full-time undergraduate \$1,350 per quarter
Part-time undergraduate \$ 150 per credit hour
Full-time graduate \$1,530 per quarter
Part-time graduate \$ 170 per credit hour

Part-time tuition
Undergraduate day students \$ 175 per credit hour
Undergraduate evening or Saturday Campus students \$ 135 per credit hour
Graduate students \$ 170 per credit hour

Room Charges

Double room \$1,400 per year/\$700 per term
Single room \$1,800 per year/\$900 per term
Super Singles (limited availability) \$1,100-\$1,500 per term (depends on room size)

Board Charges

19 meals per week \$1,690 per year/\$845 per term

14 meals per week \$1,400 per year/\$700 per term
10 meals per week \$ 940 per year/\$470 per term

Enrollment Deposit

A \$250 deposit must be paid by all students who register for a minimum of 12 hours, at least 6 of which are in the Day College. This \$250 deposit is refundable only upon advance written notification of withdrawal from the College, graduation or suspension from the college. A student who fails to register for any term without giving advance written notice of withdrawal will forfeit the \$250 deposit and must make another \$250 deposit before a subsequent registration.

ADDITIONAL CHARGES

Additional charges, when applicable include:

Laboratory Fees: \$40
Studio Fees: \$60
Student Teaching Fee: \$150
Experiential Learning Processing Fee: \$150 (one-time-only charge)
Experiential Learning Credit: \$40 per credit hour
Applied Music Fee: \$80 per half-hour lesson (For individual lessons in piano, voice, orchestral instruments and organ; one semester hour credit)
Applied Music Fee: \$160 per one-hour lesson (For individual lessons in piano, voice, orchestral instruments and organ; two semester hours credit)
Overload Fee (except LCIE): \$110 per hour (A charge to full-time students who take more than 18 hours.)
Overload fee for LCIE: \$160 per hour (A charge to LCIE students who take one course in addition to an LCIE cluster of 9 hours. LCIE students will be charged on an overload basis of \$160 per hour for this course regardless of whether the course is taught in the Day College, Evening College, Saturday Campus, Off-Campus, etc.)
Health Insurance: \$120 per year (Required if the resident student is not covered by his/her own or parent's insurance.)
Residence Hall Dues \$10 per semester (Required of all room-and-board students)





OTHER FEES

Other college fees include:

Audit fees - courses may be audited for a fee of 50 percent of the regular tuition charge. There is no transcript entry for credit or grade earned for auditing a course. When additional charges for materials or other fees apply, they are assessed in addition to the audit fee.

Parking permits - Resident students with vehicles on campus are issued an annual parking permit at no charge for on-campus parking. A fee of \$10 per permit is assessed to all others for use of campus parking permits. Vehicles without a permit or those that are parked illegally will be ticketed and/or towed at the owner's expense.

Late registration fee - A \$25 fee is charged to students who do not register at the specified time - for continuing students, during registration; for new students, after the first week of class.

DEFERRED PAYMENT PLANS

Realizing that many parents prefer to pay for educational expenses on a monthly basis, Lindenwood participates in the National College Payment Plan, a program that combines an insured monthly savings plan with government-subsidized Guaranteed Student Loans.

The National College Payment Plan provides the student with a direct source of government-subsidized student loans. The parent's monthly payments to this plan provide the funds to meet term charges in excess of those paid by the student loans and accumulate funds which may be used to repay the student loans in full when they are due. The student's education is protected with life and disability insurance on the parents.

For further information about this plan, contact the National College Payment Plan, 55 Beacon St., Boston, MA 02108.

Lindenwood College also offers two deferred payment plans. Students whose employers offer tuition reimbursement may execute a promissory note for the amount of the tuition which is to be reimbursed by the student's employer. A copy of the various employer plans must be on file in the Business Office. The due date for all promissory notes will be 45 days following the conclusion of the term. Students must pay the amount of the tuition not reimbursed by the employer at the time the promissory note is executed by the College. Failure by the student to pay the full amount due, by the due date,

will result in the cancellation of the current registration of the student. The student also will forfeit the privilege of executing a promissory note in any future term. The College will charge a \$25 origination fee for promissory notes to defray partially the administrative costs connected with the program. The origination fee will be waived in cases in which the student's company will pay the College directly.

Students who do not fund full prepayment from other sources and do not qualify for the promissory note plan may apply for the deferred payment plan. The deferred payment plan has been established to provide for equal installment payments of tuition, room, and board over the period of one semester. A late payment penalty is charged and must be paid when the agreement is executed, based on the amount of the unpaid tuition, room, board, etc. A late payment penalty of \$25 is charged on \$100 through \$699; \$50 is charged on \$700 through \$1,499; \$75 is charged on \$1,500 through \$2,299; and \$100 on \$2,300 and above.

A downpayment of 30% of the total charges for the term is required. Each installment is due on the 15th of the designated month. Payment in full for the term must be completed one month before the end of the term.

STUDENT INSURANCE

All full-time students are eligible to enroll in the college's student health insurance program. The plan provides scheduled benefits with a maximum of \$10,000 per sickness or illness, as a supplement to a student's existing coverage. Certain services for testing, x-rays, medications and referrals are billable charges. Information on annual premiums, coverages and other details of the plan, including a brochure, can be obtained at the Office of the Dean of Undergraduate College in Roemer Hall.

REFUND POLICIES

Full-time students who withdraw completely from Lindenwood College may be entitled to a refund, but such students

will not be reclassified until the end of the semester. Part-time students who withdraw from a course also may be entitled to a refund. The amount of the refund is determined by the date upon which written notification of intent to withdraw or to change the student's schedule is received in the Registrar's Office, and NOT on the date of the last class attended, unless the two dates coincide.

The following policy is effective for all students enrolled in either the Day, Evening, Graduate or Lindenwood College for Individualized Education Programs. Refunds will be made as follows:

- (a) Prior to the student's first day of scheduled class instruction following enrollment in any class, 100% refund.
- (b) During the student's first week of scheduled instruction following enrollment in any class, 75% refund.
- (c) During the student's second week of scheduled instruction following enrollment in any class, 50% refund.
- (d) During the student's third week of scheduled instruction following enrollment in any class, 25% refund.
- (e) After the student's third week of scheduled instruction following enrollment in any class, no refund.

The summer school withdrawal policy is based upon the length of the term and the policy published in the Summer Schedule of Classes.

No refund for room charges will be made for a term after a student has occupied a room. Board charges will be refunded on a pro-rata basis for students who withdraw totally. Any request for cancellation of board charges should be made with the Office of Programs and Residences.

GENERAL BUSINESS

All remittances should be mailed to Lindenwood College, c/o Business Office, St. Charles, MO 63301.

When students have been accepted for admission, parents, and/or guardians accept all the conditions of payment as well as all regulations of the college.

College diplomas and transcripts will not be issued and registration for additional courses is not permitted until all Lindenwood College accounts are paid in full.

Lindenwood College is not responsible for loss due to fire, theft, or any other cause. Students who wish to insure against these risks should do so on an individual basis.

16 Financial Assistance and Resources

Financial Aid Policy

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). 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 a student and his/her parent(s). Financial aid is an award from grant, loan, and/or work funds which will meet this need.

Who Is Eligible?

In order to receive financial aid, a student must meet each of the conditions below:

1. The applicant must be a United States citizen, a citizen of the Trust Territories, or one who is in the United States on other than a temporary basis and is or intends to become a permanent resident.
2. The applicant must be accepted for admission to Lindenwood College. Decisions regarding financial eligibility and awards will not be made until the student has been formally accepted for study by the Admissions Office.
3. The applicant must have demonstrated financial need according to the ACT Family Financial Statement (FFS) or the CSS Financial Aid Form (FAF) analysis procedure.
4. The applicant must be registered with the Selective Service if the applicant is a male who is at least 18 years old and born after December 31, 1959, and who is not a current member of the active armed forces.

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) or the Financial Aid Form (FAF) 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 federal 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 or FFS.

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 between five and ten hours per week while attending school. Wages are \$4.00 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 and \$9,000 as a graduate 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.

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:

Undergraduate Study

1st and 2nd year of study \$2,625 per academic year
3rd, 4th, and 5th year of study \$4,000 per academic year
Cumulative Limit \$17,250

Graduate Study

\$7,500 per academic year
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. Interest charges and installments become due six months after a student graduates or ceases to be enrolled 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).

A student can obtain an application form for the Guaranteed Student Loan from local participating lending institutions (bank, credit union, or savings and loan associations). If a student is unable to secure such a loan locally, contact the Lindenwood College Financial Aid Office about the possibility of obtaining a Guaranteed Student Loan from another source.

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 provide 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 and 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 certain deferments (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. Student may apply for the Missouri Student Grant Program on the FFS or FAF 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 a new program 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 Program

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

1. Are high school seniors, college freshmen, 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.

Lindenwood College Scholarships

In order to assist students in meeting the costs of attending college, Lindenwood College offers academic scholarships that are renewable each year by (1) maintaining a required grade point average (GPA) in all courses taken for a grade and (2) by successfully completing at least 24 credit hours each academic year.

Residential scholarship packages include a portion toward covering the cost of board. In addition, residential students can participate in the College's Housing Work Grant Program by working up to 12 hours per week and receive up to \$1200 for the academic year toward the cost of a student's room. Residential scholarships range from \$1,850 to \$8,300.

Lindenwood College has one residential, full tuition, room and board scholarship available annually. The scholarship is named in honor of Guy C. Motley and is renewable with the value of this scholarship increasing annually to reflect any increase in tuition and/or room and board. The Motley Residential Scholarship recognizes the most outstanding and well-rounded incoming freshman student. Consideration for this award is by nomination only.

Scholarships are also available to students who may want to reside at home or in off-campus housing and commute. These scholarships range in value from \$400 to \$2,100 annually and are renewable.

Athletic grants are available up to \$2,000 to students who have demonstrated abilities and meet all required academic standards.

Presbyterian Scholarships of up to \$1,400 may be awarded annually if funds are available. Interested students must check the box marked YES for (DO YOU WISH TO BE CONSIDERED FOR A PRESBYTERIAN SCHOLARSHIP), on the Lindenwood College scholarship application form and submit that form to the Lindenwood College Financial Aid Office.

The Financial Aid Process

What Must the Student Do?

Complete the FAMILY FINANCIAL STATEMENT (FFS) writing in code No. 2324 for Lindenwood College. Give permission for the information to be sent to the Pell Grant Program as well. Send the FFS to:

ACT Student Need Analysis Services
P.O. Box 4006
Iowa City, IA 52243

Several weeks after a student mails the FFS, he/she will receive a Student Financial Aid Report (SFAR). Check it thoroughly for accuracy and report any corrections to ACT.

-OR-

Complete the Financial Aid Form (FAF) writing in code No. 6367 for Lindenwood College. Give permission for the information to be sent to the Pell Grant Program. Send to the FAF to:

College Scholarship Service
(at the address listed in the FAF booklet,
according to the student's state of residence)

After the student applies for the Pell Grant (through the FFS or FAF), the Pell Grant agency will send a Student Aid Report (SAR); the student then must send this SAR to the Lindenwood College Financial Aid Office. If the student is entering as a new student or seeking readmission, he/she must first be accepted for enrollment before financial aid can be awarded. The Financial Aid Office will require a SIGNED copy of the parent's latest Federal Income Tax Return and a SIGNED copy of the student's latest Federal Income Tax Return. Submit this and any additional information requested to the Financial Aid Office. Transfer students must provide Financial Aid Transcripts (FAT's) from all colleges or universities previously attended.

After the Lindenwood College Financial Aid Office has received all the above information, application material, and any other information requested to complete the financial aid application, the College sends the student an award letter detailing the financial aid package (or a denial of aid if the need analysis shows no financial need). If a student receives an award letter, he/she must signify acceptance of the award and return the letter.



Method of Payment of Financial Aid Awards

All financial aid awards, except for the GSL and CWS awards, are credited directly to a student's account at the beginning of each semester. The GSL is issued directly to the student recipient after all charges are paid, and the CWS is paid bi-weekly to the student recipient according to the number of hours worked in each two-week pay period. Perkins (NDSL) recipients must sign promissory notes at the beginning of each term in the Financial Aid Office.

Refund Policy

Refunds are calculated from the date of official withdrawal or leave of absence. Students who withdraw unofficially or at the request of Lindenwood College are not entitled to any refund for the current semester. A withdrawal or leave of absence is considered official when notice to the Dean of the Undergraduate College and the Registrar, stating the intention of the student to discontinue the course in which he/she is registered, has been approved by both. The refund calculation schedule is outlined in the College's catalog on page 15.

Once 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) Perkins Loan, (2) Supplemental Educational Opportunity Grant (SEOG), (3) Pell Grant, (4) Guaranteed Student Loan (GSL). Any remaining refund will be made first to the Missouri Student Grant Program and then to the Lindenwood Scholarship Program.

Satisfactory Academic Progress

The Education Amendments of 1980 state that a student shall be entitled to receive federal assistance only if "that student is maintaining satisfactory progress in the course of study(s) he/she is pursuing, according to the standards and practices of the institution . . ." Lindenwood College defines satisfactory academic progress in terms of grade point average (GPA).

The academic standards of Lindenwood College are defined in the section of this catalog entitled Scholarship Standards. All students should be aware of these standards and of the various actions which may be taken by the College if a student does not maintain good academic standing. Students who are suspended or dismissed automatically are ineligible to receive financial aid from any source.



Academic Procedures

Academic Honesty

Academic dishonesty is an exceptionally serious offense to oneself and one's colleagues. The fabric of a learning community is woven by an act of trust: the work to which we affix our names is our own. To act otherwise is to undermine the contract of good faith on which productive study and the open exchange of ideas is based. Students therefore wishing to maintain formal membership in a learning community must display the high level of integrity expected of all its members.

Academic dishonesty may result in a failing grade on the piece of work in question, failure in the course, or dismissal from the College. All Lindenwood students are strongly urged to read carefully the following policy statement regarding academic honesty and the guidelines for observing it.

Policy Statement Concerning Academic Honesty

Honesty in the performance of academic assignments is essential to the mastery of a subject and to intellectual development. The responsibility for such honesty must necessarily rest with the individual student. In those instances where that responsibility is not met, however, there must be procedures to protect students who conduct themselves honorably and to preserve the integrity of the academic program. To this end, the following standards and procedures are specified.

I. Dishonesty in academic performance is defined as follows:

1. Giving or receiving aid from another student on examinations or quizzes during the examination or quiz periods.
2. Submitting the work of another person as one's own.
3. Using or possessing any test without authorization by the professor.
4. Writing a test in any place which is not specified or not agreed to by the professor.
5. Altering any examination after it has been turned in, or altering records of any sort.

6. Inventing information in any laboratory experiment without the approval of the professor.

7. Assisting a second party to any of the above.

II. The student should not only refrain from dishonesty but should avoid giving the appearance of dishonesty in classroom conduct during the examination period.

III. Plagiarism or methods of preparation not approved by the instructor must be avoided:

1. Plagiarism is defined as any misrepresentation in the use of the work of someone, especially as that misrepresentation gives the impression that the student is presenting his or her own work.

2. Plagiarism is the use of exact words, phrases, or sentences of another person's work without quotation marks and proper documentation.

3. Plagiarism is the use of faulty paraphrasing in which a student makes a composite of borrowed phrases or sentences without quotation marks and proper documentation.

4. Plagiarism is the use of opinions and ideas of others in one's own words but without acknowledgement.

5. If the student uses the services of a typist, the student bears the responsibility for any mistakes or omissions which might constitute plagiarism.

IV. Cheating is the attempt to use prohibited materials, information, or study aids in an academic exercise. To prevent charges of cheating, the following guidelines should be adhered to:

1. Professors should state in advance their policies regarding examinations and other academic exercises. If the faculty member does not do so, students should feel free to request such information.

2. Unless the professor specifies otherwise, students taking an in-class or a take-home examination should assume

that any outside assistance - for instance, from books, notes, calculators, or conversations with others - is prohibited.

3. Students may not submit substantial portions of the same academic work in more than one course without the consent of both instructors.

4. Unless the professor approves in advance, students must not allow others to conduct research or prepare any work for them. This restriction applies to work prepared by commercial term paper companies or to that available from files of past papers.

V. Violation of liberty regulations may also constitute academic dishonesty:

1. Reference books and periodicals are not to be removed from the library unless specific permission is granted by the librarian.

2. Current circulation procedures should be used in removing any materials from the library.

3. Books and periodicals must not be mutilated in any way.

VI. Procedures to be followed in cases of academic dishonesty:

1. Responsibility for action is primarily that of the instructor or librarian involved. Students who observe acts of dishonesty may report them to the instructor or librarian involved. If no action follows their report, the student may make an additional report to the Academic Grievance Committee as described below.

2. The instructor or librarian involved may take whatever action is considered appropriate for any single violation of academic honesty - from requiring a revised or substitute assignment through issuing a failing grade for the piece of work, recording a failing grade for the course, or recommending dismissal from the College.

In the event failure in the course results from a violation of academic honesty, or the incident is of such severity as to warrant recommending dismissal from the College, the matter must be reviewed by the Academic Grievance Committee.

A student may request the Grievance Committee to review any punitive grading action.

3. The Academic Grievance Committee is composed of the following categories of membership: Dean of Faculty, Dean of the Undergraduate College, two faculty members elected by the faculty at large, and two students elected by the Student Government.

4. The Academic Grievance Committee is charged with the overview of the regulations regarding academic honesty as well as the consideration of the individual cases. Meetings shall be held once a semester for review and on demand for individual cases.

Academic Load

A full-time student is one taking 12 or more semester hours of undergraduate work in the Day College or Evening College or Saturday Campus or at an off-campus site, 9 semester hours in the Lindenwood College for Individual Education, or 6 or more in a graduate program. A part-time student in any of these programs would be enrolled for fewer than 12, 9, or 6. No more than 6 semester hours may be taken during a summer term. No more than 4 hours may be taken during a special one-month term.

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.

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 academic dean.

Advanced Standing

Lindenwood College subscribes to the philosophy that the academic placement function of the College includes helping students to identify their stage of educational development and to move on toward their goals at the most efficient rate possible. 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.

Advanced standing may be granted to students who fall into any of these categories:

1. Those who have taken CLEP examinations. Lindenwood gives appropriate credit to students of any age who have taken any of the general or subject examinations (except English) with a score in the 50th percentile or above, with the approval of the appropriate department. CLEP examinations are given in many locations in the St. Louis area. Information about the tests can be obtained from the Admissions Office.

2. Those who have USAFI credits. Lindenwood College awards specific course credit for acceptable scores on USAFI college-level examinations as reported on the official "Report of Educational Achievement through the United States Armed Forces Institute." Students must have the official report sent to the Registrar's Office for evaluation.

3. Those who have taken Advanced Placement courses in high schools. Specific college course credits may be given for scores of 3, 4, or 5 on the AP examinations of the College Entrance Examination Board. Students must have the official forms forwarded from Educational Testing Service to the Registrar's Office for evaluation.

4. Those who can qualify for Experiential Learning credit through work experience. Details of such credit may be obtained from the LCIE section of this catalog.

Credit from any of these sources awarded by Lindenwood College may be applied to all appropriate general and specific requirements for any Bachelor's degree.

(See also the section on Transfer Credit.)

Attendance

The faculty has adopted the following statement regarding class attendance:

1. It is desirable that a student attend each meeting of each course.

2. The responsibility for a student's educational program rests with the individual student. Each student must adapt to the attendance requirement for each course.

3. 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.

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

Auditing

A student may register in any lecture course as an auditor. Students are not permitted to audit skill courses such as art studio or photography courses involving extensive supervision by an instructor. Auditors will be expected to attend all classes. No credit may be earned or later claimed by a student who audits a course. A student has seven days into a regular term and two days in a summer session to make a change in registration to audit a class or to take it for credit. The audit fee is 50% of the regular tuition for a course.

Calendar

Lindenwood College uses different calendars for different programs of the College. The on-campus day program is 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. All evening classes, with the exception of the program in Education, use a year-round quarter calendar. All academic credit is given in semester hours.

Change in Registration/Drop and Add

Changes in registration include dropping a course, adding a course, or transferring to a different course section. All students must complete the appropriate forms when making changes in their schedule of classes after registration. Students are responsible for initiating the drop/add procedure so that their records in the Registrar's Office will be complete and accurate.

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, at least 54 hours; 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.

Correspondence Work

A maximum of 6 semester hours of academic work taken through correspondence may be credited toward a degree. This work may satisfy subject requirements with prior approval by the appropriate department chairperson and the Dean of Faculty.

Course Numbers

Course numbers used at Lindenwood indicate the following:

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, 2, 3 Undergraduate independent study courses.

400-499 Senior level courses.

500-600 Graduate courses.

Course Schedule

Each student's course of study is planned in consultation with a faculty advisor or preceptor. A special period is announced each term or semester when such consultation should occur. The faculty advisor or preceptor should be consulted regularly during the semester or term to review the student's progress. The opportunity for planning an individual program makes the consultation with the faculty advisor essential so that the student may take advantage of the full resources of the College. It is, however, the student's responsibility to be aware of the academic requirements prescribed for his/her degree.

Dean's List

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

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.

Departmental Honors

Seniors with a high record of achievement may elect to do individual work of an advanced quality in their major fields. A course designated 499 may be, upon petition to the Educational Policies Committee, expanded to a two or three term course which may lead to graduation with Departmental Honors. The project may be a research problem or a creative undertaking, such as a composition in music or in art, or an inter-disciplinary project.

To qualify for the Departmental Honors program, the student is expected to have a grade point average of 3.0 or higher. An application in writing must be made to the Chairperson of the Educational Policies Committee. The pro-

ject must be two or three terms in duration and will carry three semester hours credit each term. A faculty committee is then formed to supervise the project. The project must be completed and a final report submitted by April 1 preceding the student's graduation date.

An oral examination will be given by the Committee covering the material contained in the report. Depending on the quality of the report and the results of the oral examination, the Committee may award the student's work with a grade of Honors, High Honors, or Highest Honors in the department in which the work was undertaken. The award of Honors, High Honors, or Highest Honors will be listed on the Commencement program and made part of the student's permanent academic record.

Directory Information

Lindenwood College designates the following categories of information as "Directory Information": student's name, local and permanent address, telephone number, major field of study, participation in officially recognized activities and sports, weight and height of members of athletic teams, dates of attendance, degrees and awards received, and prior educational institutions attended.

Any student who desires that any or all of the above information not be released without his or her prior written consent must so inform the Registrar's Office before the end of the second week of classes of a regular term (by the end of the first week of classes of a summer or short term). The information listed above will become directory information or public information as of the specified time.

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.

Double Major

See the section on Majors.

Enrollment

Students are admitted to classes only when they are properly registered and have paid tuition and fees. Full-time students are assessed the announced full-time tuition. Full-time students who register, with the appropriate academic dean's permission, for more than 18 hours are charged an

extra fee. Part-time students are assessed tuition and fees on a semester-hour basis. Registration procedures and class schedules are published prior to the beginning of each term. Schedules of classes can be obtained at the Registrar's Office, 113 Roemer Hall.

Students are expected to register by the official registration days for each semester. Students may late-register or add classes no later than the first week of a term.

Final Examinations

When a final examination is included as part of a course requirement, it will be given during a final examination time schedule published by the Registrar's Office. Only in rare instances involving a clear emergency will the student be allowed to take final examination(s) at an earlier date, and approval must be granted by the Dean of Faculty.

Grading System

Students may earn grades of A,B,C,D,F,W,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. No credit is given. "W" indicates an official withdrawal.

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 academic 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 or quarter; 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 Educational Policies Committee to be considered for approval.

Grade reports are issued to all students at the end of each semester or term. "D" and "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.

Graduation Counseling

While faculty advisors and the Registrar are ready at any time to counsel seniors on requirements for the student's major as well as general degree requirements, it is the responsibility of the student to verify eligibility for graduation with both advisor and Registrar before the term in which the degree is to be completed.

Students who expect to graduate must complete an Application for Graduation by the end of the fourth week of their final semester or term. Applications for graduation may be obtained in the Registrar's Office. Applications received after the deadline may not be honored until the following graduation date.

A student who lacks no more than 6 semester hours to complete the 120 hours required for a degree may obtain the necessary credits at another accredited institution and return the credits to Lindenwood. Such credits may not count toward the 30 hours required in residence. Completion of course requirements under this arrangement must be completed within two calendar years.

Students who have not completed all necessary requirements for graduation by the date of Commencement in a given year are permitted to participate in May graduation exercises as "Summer Graduates" if they are within 6 semester hours of completion of degree requirements (the 6 hours to include coursework which is in progress at the time of Commencement), they are at or above the minimum grade-point-average for their degree program, and they have made arrangements to complete all remaining requirements by the end of August of that year and have notified the

Registrar in writing of their intent to do so. "Summer Graduates" are individually recognized at Commencement but do not receive diplomas; Masters' candidates are not hooded.

Grievance Procedure

Students who wish to appeal a final grade should first contact the course instructor. If the matter cannot be resolved at that level, the student may appeal in writing to the appropriate department chairperson, and, if necessary, to the appropriate academic dean. An Academic Grievance Committee may be convened to hear academic grievances concerning grades and other academic matters. Information about these procedures is available in the Dean of Faculty's Office. Notice of intent to file a grievance must be made in writing to the appropriate academic dean within six weeks of the receipt of the grade. Changes under this procedure will only be made during the semester or term immediately following the semester or term in which the disputed grade was given.

High School Course Offerings

Lindenwood College offers some courses for high school students at specific off-campus locations. Students pay the required tuition and fees and receive the appropriate credit upon satisfactory completion of such courses. Additional information is available in the Office of the Dean of Faculty.

Honors

In the spring of each year, Lindenwood College holds a general convocation at which special recognition is extended to those students who have served as campus leaders, have achieved departmental honors, have been named to honor societies, or whose academic achievements have been particularly outstanding during the year.

The Lindenwood faculty awards general honors to those students who have completed all degree requirements with academic distinction. Honors are based on the cumulative grade point average of the student's last 60 semester hours. In order to be eligible for general honors, a student must have completed a minimum of 60 semester hours in residence at Lindenwood College. Students whose cumulative grade

point averages fall within the following ranges are eligible:

The student who achieves a cumulative grade point average between 3.70 and 3.85 receives the degree *cum laude*.

The student whose cumulative grade point average is between 3.86 and 3.93 receives the degree *magna cum laude*.

The student who achieves a cumulative grade point average of 3.94 or above receives the degree *summa cum laude*.

Independent Term

Any junior or senior student in good academic standing may select two faculty members and, with their approval and assistance, write a proposal that will define an independent term of study for a semester. This program will be individually designed to meet a particular need or goal of the student. It can involve participation in classes, tutorials, and field work, on or off campus, or any combination of these. The student will be entitled to attend any class on campus during that semester with the instructor's approval.

Approval of an independent term proposal can be granted only by the appropriate academic dean after an examination of the documents and an oral discussion with the student and the sponsoring faculty.

Major/Minors

Every graduate of Lindenwood must complete a major as defined in this catalog under the department and course descriptions. A 2.0 average must be achieved in the major as well as overall. It is possible to complete a double major in two areas. Minors are encouraged, but not required. Descriptions of minors are included in the departmental descriptions.

Prerequisites

A prerequisite is a course requirement or its equivalent that must be met before a student is allowed into a course. Prerequisites may be waived on the basis of proficiency testing and/or the recommendation of an appropriate faculty member or department chairperson.

Courses must be taken in sequence according to prerequisites, courses taken out of sequence must be approved by the appropriate department chairperson.

Probation

See section on Scholarship Standards.



Readmission

In all cases in which students have attended Lindenwood College but have withdrawn voluntarily or been suspended for academic or other reasons but now desire to return, an application must be made to the Dean of the Undergraduate College. Readmission 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 readmission. All current requirements must then be met.

Residency

An undergraduate student not previously enrolled at Lindenwood College must complete a minimum of 30 semester hours at Lindenwood, 15 of which must be in the major as approved by the appropriate department. If a student transfers more than 90 hours to the College, the 30-hour requirement is still in effect.

Scholarship Standards

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

1. To qualify for graduation, and to remain in good standing until that time, an undergraduate student must attain a cumulative grade point average of 2.0 (C) on a 4.0 scale. Failure to maintain this established standard will result in probation, suspension, or dismissal from the College.

2. A student will be placed on probation at the end of any semester in which he/she falls below the 2.0 standard. If at least one-half of the deficiency below 2.0 is not eliminated by the end of the following semester, the student may be suspended or dismissed. The Academic Review Committee may establish more stringent expectations for the academic progress of students on probation.

3. A student whose semester grade point average is below a 2.0 but whose cumulative grade point average is a 2.0 or above will be sent a letter of academic warning by the appropriate Dean.

4. Any student who fails one-half or more of his/her work and whose cumulative grade point average is below 2.0 is suspended and may enroll for the next semester only with the approval of the Dean of Faculty.

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

6. Students who participate in intercollegiate athletics must maintain a cumulative grade point average of 2.0.

7. A student on probation may not enroll for more than 12 hours during the probationary period.

Second Degrees

A student who has been awarded a Lindenwood undergraduate degree and who subsequently desires a second undergraduate degree must take a minimum of 30 additional hours at Lindenwood for the second degree. More than 30 may be needed to meet the actual degree requirements.

A student who is currently enrolled and who desires two degrees at the end of a single college career must complete all requirements for both degrees and a minimum of 150 semester hours.

Senior Citizen Tuition

Persons 55 years of age or older are assessed tuition at the rate of 50% of the regularly established rate. All other fees remain the same. The senior citizen tuition is not applicable to audit fees.

Student Responsibility

Registration at Lindenwood College means a commitment to seriousness of purpose, academic integrity, and a high standard of personal and social behavior. Students are expected to be cooperative and responsible members of the college community, to comply willingly with College regulations, and to abide by local, state, and federal laws. Full statements of policy on these matters is contained in the Student Handbook distributed by the Office of the Dean of the Undergraduate College.

Suspension

See section on Scholarship Standards.

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. Include name, date of attendance, and current address. Normal processing time for transcripts is 3-4 days.

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 courses from the academic advisor and the Registrar. A Prior Approval form may be obtained for this purpose from the Registrar's Office.

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

Veteran's 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 Representative, 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 Veteran's Administration must comply with the College's general policies regarding withdrawal, attendance, and satisfactory progress.

Withdrawal Procedure

Students who have been properly registered in courses but desire to withdraw from any or all courses must:

1. Complete a withdrawal form in person through the Registrar's Office. Requests are not accepted by telephone.
2. Secure the instructor's and advisor's signature.
3. Complete an exit interview with a member of the staff of the Office of the Dean of the Undergraduate College, if withdrawing from all courses.
4. Obtain all necessary signatures.

A student will have four weeks in a regular term and two

weeks in a summer term to withdraw from an individual class or classes with a grade of "W." The official last date to withdraw will be announced by the Registrar each term.

A withdrawal after the deadline will result in a grade of "F" for the course. Failure to attend classes does not constitute official withdrawal. Such grades recorded on the transcript will count in the grade point average.

When a student withdraws, any refund resulting from a Guaranteed Student Loan will be returned to the original lender and not to the student.





Academic Programs: Undergraduate

DEGREE OFFERINGS

Lindenwood College offers academic majors leading to the Bachelor of Arts, Bachelor of Fine Arts, and Bachelor of Science degrees at the undergraduate level. Specific degree requirements are listed in the appropriate sections of the catalog which describe the various programs. Major requirements are listed along with the courses of instruction in the sections following the description of degree requirements. In addition to the standard major, a contract degree option is available to enable students to design their own majors.

Major Fields and Divisions

Humanities

The Division of Humanities offers majors in Art History, Studio Art, Mass Communications, Corporate and Industrial Communications, English, French, Spanish, Music, Theatre, and Performing Arts leading to the Bachelor of Arts degree.

A major in Studio Art can lead to the Bachelor of Fine Arts degree.

Courses are offered regularly in Philosophy and Religion, but no majors are offered in these areas.

Natural Science and Mathematics

The Division of Natural Science and Mathematics offers majors in Biology, Chemistry, Mathematics, Computer Science, and Medical Technology leading to the Bachelor of Arts degree. A Bachelor of Science degree also is offered in Biology. Courses are offered regularly in Physics, but no major is available.

Social Science

The Division of Social Science offers majors in Business Administration, Elementary Education, Secondary Education (with actual major in the subject area), History, Political Science, Psychology, Sociology, and Special Education (L.D. and E.M.R.) leading to the Bachelor of Arts degree.

A major in Business Administration with a concentration in Fashion Marketing also is available.

Courses are offered in Economics, Anthropology, and Geography, but no majors are available in these areas.

Interdisciplinary Majors

The Division of Social Science also offers interdisciplinary majors in the fields of International Studies and Human Resources Management leading to the Bachelor of Arts degree.

Interdisciplinary Minor

The Division of Social Science offers an interdisciplinary minor in Legal Studies, which may be combined with any major. It is particularly appropriate for those contemplating law school.

BACHELOR'S DEGREE REQUIREMENTS

The requirements for a Bachelor's degree are as follows:

1. Successful completion of a minimum of 120 semester hours, at least 42 of which must be upper-division courses, numbered 300 or above.
2. Successful completion of the requirements for one of the undergraduate majors offered by the College.
3. A minimum cumulative grade point average of 2.0 in all courses taken at Lindenwood College, as well as in the student's major(s).
4. Successful completion of the following general education course requirements:

HIS 100 A History of the Human Community (3)

American History or Government (3)

HIS 105 *or* 106 US History I *or* II *or*

PS 155 American National Government

CHM 111 Concepts in Chemistry (4)

BIO 112 Concepts in Biology (4)

MTH 111 Concepts in Mathematics *and* one additional mathematics course (6)

ENG 101 & 102 English Composition I & II (6)

Foreign Language/Cross cultural courses (6)

Either 6 hours of a single foreign language

or 6 hours of Cross-cultural courses to

include a focus and a specialty course

The Arts (3)

ART 210 Concepts in the Visual Arts *or*

PA 201 *or* 202 History of the Performing

Arts I *or* II *or*

MUS 165 Introduction to Music Literature

The Role of the Individual in Society (6)

SOC 102 Basic Concepts of Sociology *or*

ANT 112 Cultural Anthropology *or*

PSY 100 Principles of Psychology *or*

BA 210 Survey of the Principles of

Political Economics

ENG 201 & 202 World Literature and Ideas I & II (6)

NOTE: A list of the courses which will fulfill the Cross-cultural course requirement is available in the Registrar's office.

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. Supervision of the program is provided by a Review Committee comprised of the Dean of Faculty and members of the faculty.

The basic degree requirements for all bachelor's degrees are maintained. These include 120 semester hours for graduation, standard grading practices, and all applicable General Education requirements.

Policies and Procedures for the Contract Degree

1. Ordinarily, a contract may be formulated no sooner than the end of the freshman year and no later than the end of the first half of the junior year.

2. A student interested in a Contract Degree will choose an advisor from the faculty who, with the student, will develop a committee of faculty members from disciplines covered by the contract.

3. The student, the faculty advisor, and the faculty committee then will draw up the desired contract and submit it to the Review Committee, which will evaluate the contract and make recommendations concerning its adoption. Each year, prior to registration, the contract student, the advisor,

and the faculty committee should meet to evaluate the progress of the contract program.

4. Upon completion of the requirements of the contract, the student's advisor and faculty committee, with the approval of the Review Committee, will indicate satisfactory completion of the contract to the Registrar, who is thereby authorized to recommend awarding the degree at the appropriate time.

5. Dissolution of the contract and arrangements to return to a standard degree program may be initiated at any time by the student or his/her faculty committee for approval by the Review Committee.

6. Formal notice of the dissolution of a contract must be sent to the Registrar by the advisor, who is then responsible for directing the student into a standard degree program.

7. Each contract must contain a statement to the effect that the student recognizes that he/she is being certified for graduation only and that he/she has chosen to shape his/her program within the limits of the resources that can be provided by the College.



Independent Study

For the advanced junior or senior student with specialized educational or research interests, independent study opportunities are available in all disciplines. A student wishing to pursue independent study for academic credit should consult with his/her advisor and the faculty member(s) who will be responsible for supervising the work to be done. A maximum of 12 semester hours of independent study credit may be applied to any bachelor's degree program. Graduate students or freshmen and sophomore students may utilize independent study on a selective basis according to the judgment of faculty advisors in consultation with the Dean of Faculty.

Internships

Internships are available in most areas of study and provide the opportunity for students to obtain academic credit by combining formal education with experiential learning in a career field. Junior standing is a prerequisite, and internships are available for as few as one and as many as 10 hours per academic semester to a maximum of 12 semester hours for any bachelor's degree. Each internship is supervised by a full-time member of the faculty who must certify the grade, and the terms of the internship are determined by the student and the supervising faculty member. The standard amount of time involved in the internship is 45 clock hours



of work in the internship setting for each one semester hour of academic credit earned. Each internship must obtain the approval of the appropriate department chairperson. All internships require some academic effort beyond the work experience, such as journals, papers, or reports which relate the work experience to an academic experience. A list of internships available is maintained at the CAP Center. There is no additional charge for enrolling in an internship which is within the normal 18-hour limit for a semester.

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. At the end of the full course of study, the student will receive a B.A. or B.S. degree from Lindenwood and a B.S. in Engineering from 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, (5) Mechanical Engineering.

Lindenwood/George Warren Brown School of Social Work Three-Two Plan

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. In order 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 credits.

Either option must be approved by the department 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 Faculty who acts on the recommendation of the department chairperson.

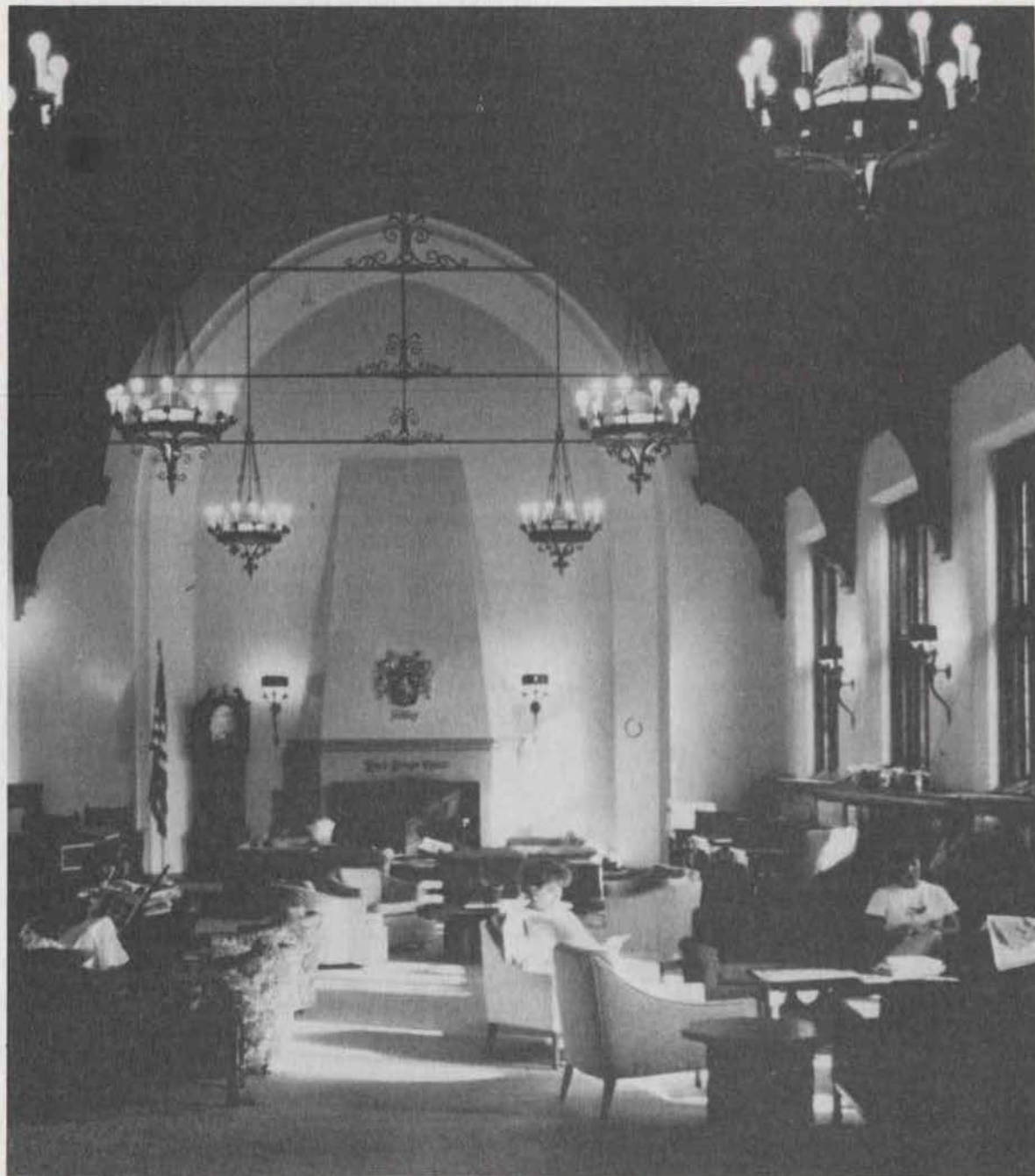
All responsibility for travel, finances, application for admission to a foreign institution where applicable, and other necessary arrangements rests with the student.

Washington 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 capital 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.



Pre-Professional Preparation at Lindenwood

Preparation for the Study of Law

In advising those students who plan to enter law school, Lindenwood is guided by the Statement of Prelegal Education of the Association of American Law Schools. The Association recommends no specific major or courses but stresses the importance of basic skills and insights considered essential for the successful lawyer. Such skills include the sensitive use of the English language, a critical understanding of human institutions and the values with which the law deals, and the development of the powers of thinking, reasoning, and analysis.

The development of these capacities is not peculiar to any one subject area. Students planning to enter law school may major in any of several different fields, but the development of these fundamental skills should be borne in mind. Students indicating an interest in a pre-law curriculum will plan a program with a faculty advisor in the light of individual needs and goals.

Pre-Medical, Dental, Veterinary Medicine, Optometry, Osteopathy, Podiatry

Although a student planning a career in medicine, dentistry, optometry, osteopathy, podiatry, or veterinary medicine may select a major in the sciences, it is not necessary to do so. A student should select a major in which he or she is sincerely interested. The Pre-Medical advisor will indicate the courses in science and mathematics which are required for entrance into the professional schools.

Most professional schools recommend the following science and mathematics courses: one year of general chemistry, one year of organic chemistry, one year of physics, one year of biology and/or zoology, and mathematics through calculus. Some medical schools suggest, in addition, that students complete a course in anatomy, embryology, or genetics.

By working closely with the Pre-Medical advisor, the student can be assured of completing the necessary prerequisites for admission to the professional schools. The Pre-Medical advisor will assist the student with the application process for admission to a professional school. Obviously, Lindenwood cannot guarantee that any student will be admitted, though Lindenwood students have had good success through the years.



Academic Course Offerings

ALL-COLLEGE

Courses of Study

COL 100 Freshmen Seminar (3) An intensive examination of a disciplinary or interdisciplinary subject in a seminar setting. An emphasis will be placed on the development of communication skills, both written and oral. The instructor also serves as the academic advisor of the students in the Seminar for their freshmen and sophomore years. An orientation to the academic program is included in the Seminar. Seminar topics are determined annually and published in the course schedule. Designed for freshmen with no previous college experience, but open to others with permission of the instructor.

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 (approximately 3 billion people). The course will introduce students to recent technological, demographic, economic, social, political, religious, philosophical, linguistic, literary and artistic trends in various regions in Asia. The course will provide multiple springboards from which various facets of the cultural heritage of different Asian regions will be compared and examined in depth. This course is intended to enhance global awareness by focusing on the multiplicity of factors which shape a cultural region such as Asia. (General Education course option)

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. The course is intended to enhance global awareness by focusing on a region which, although similar to the United States in some respects, has evolved quite differently in others. (General Education course option)

ANTHROPOLOGY

See Sociology/Anthropology

ART

Faculty: Eckert (Chairperson), Levi, Wehmer

Program Description

The Art Department offers majors in Art History, Studio Art, and Art Education in conjunction with the Education Department. Degree programs combining Art and Fashion Marketing and Art and Valuation Sciences are additional options for the Art major.

Art History

Facilities and Activities

Seminar and lecture rooms for Art History are located in the Fine Arts Building. An extensive collection of slides provides illustrations for Art History lectures. Resources for studying historical and contemporary examples of art in the metropolitan area are the St. Louis Art Museum, Steinberg Gallery of Washington University, commercial art galleries, and galleries of other educational institutions. Monthly exhibitions are held in the Harry D. Hendren and Lounge Galleries of the Fine Arts Building.

Career Opportunities

The student with a major in Art History may follow a career in teaching, museum work (curatorship, education, and administration), commercial art gallery management, preservation and conservation work, art journalism and criticism, art consulting, and government agencies relating to the arts.

Requirements for the Major in Art History

The major in Art History is offered within the Bachelor of Arts degree program. Twenty-seven semester hours of Art History and 9 semester hours in Studio Art are minimum requirements for the major. Two years of a foreign language are a requirement of the major.

Requirements for the Minor in Art History

A minor in Art History requires 15 semester hours of elective credit in Art History, and 6 semester hours of elective credit in Studio Art.

Studio Art

Facilities and Activities

Studios for each of the major areas of Art are located in the Fine Arts Building. Individual lockers are available for the storage of art supplies. The Fine Arts Building also houses lecture and seminar rooms, an auditorium, and the Harry D. Hendren and Lounge Galleries. Students are invited to join the Associates of the Fine Arts, a campus and community organization which promotes a variety of activities related to the arts.

Career Opportunities

Students with a major in Studio Art follow careers in independent creative work, art education, photography, illustration, advertising design, product and industrial design, and a variety of businesses which require the knowledge and skills of the artist or designer. Graduates may also pursue advanced study in a variety of art areas in preparation for specialized vocations within the arts.

Requirements for the Major in Studio Art

The student who wishes to major in Studio Art may elect a program leading to the Bachelor of Arts or Bachelor of Fine Arts degree. The student, in consultation with an advisor, plans a major program which will fulfill the area requirements in art and which will develop an emphasis of study in one or more of the studio areas.

Requirements for the major in Studio Art include a minimum of 27 hours in Studio Art and 9 hours in Art History. The specific requirements are as follows:

Introductory core (ART 106, 108, 136): 9 hours

Drawing: 3 hours

Painting/Printmaking: 3 hours

Three-dimensional area (Ceramics, Sculpture, Dance, Design, Stained Glass): 3 hours

Studio Art electives: 9 or more hours in which an area of emphasis should be developed.

Art History: 9-15 hours

The B.F.A. degree, the professional degree in Studio Art, requires a minimum of 45 hours in studio courses. Fifteen hours in Art History are required for the degree.

Introductory core (ART 106, 108, 136): 9 hours

Photography: 3 hours

Drawing core: 9 hours

Two-dimensional core: 12 hours - 3 in painting, 3 in printmaking, and 6 additional hours in painting, printmaking, or photography

Three-dimensional core (Ceramics, Sculpture, Stained Glass, Design, or Dance): 9 hours

Studio electives: 3 or more hours

Art History: 15 hours

The Art faculty reserves the right to retain a copy of prints done under its instruction.

Requirements for the Minor in Studio Art

A minor in Studio Art consists of 21 hours including the following courses: ART 106, 108, 330, 3 semester hours each in two-dimensional and three-dimensional art, and 6 hours in Art History.

Requirements for a Minor in Photography

The minor in Photography includes the following courses: ART 108, 181, 381, 6 hours in courses in advanced photography, 3 hours in a two-dimensional art, and ART 225 or another course in the history of art.

Art Education

A program in Art Education is offered for the student preparing to teach art in elementary and secondary schools. This program may lead to the B.A. or B.F.A. degree. The completion of art requirements for the appropriate degree and the fulfillment of required courses in Education, including Student Teaching, leads to certification to teach Art from kindergarten through grade 12.

Dual Concentration in Fashion Marketing and Fashion Art

In conjunction with the Fashion Marketing program, the Art Department offers a joint curriculum combining Fashion Marketing and Studio Art in which the emphasis is placed on fashion illustration and fashion photography. A complete description of the requirements of the dual concentration may be found in the section on Fashion Marketing.

Art Major Coordinated With Studies In Valuation Sciences

In conjunction with the Valuation Sciences program, a student majoring in Art History or Studio Art may elect courses in Valuation Sciences as partial preparation for a career as an appraiser of the fine and decorative arts. A complete description of the offerings and requirements for this career program may be found in the section on Valuation Sciences.

Courses of Study

Art History

In addition to the courses listed below, the student may include independent study, field study, and internships as part of the major program of study.

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. (General Education course option)





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 arts 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. Prerequisite: 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

In addition to the offerings in Studio Art listed below, the student may include independent study and an internship 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.

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 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 236 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, lamp-shades, 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 236 or 240.

ART 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

Faculty: Anderson (Chairperson), Ayyagari, Grundhauser, Tietjen

Facilities, Activities, and Career Opportunities

Traditional and experimental courses in Botany, Cell Biology, Ecology, and Zoology are offered with emphasis in Molecular and Cellular Biology, Comparative and Organismic Biology, Ecology and Field Biology, Animal Behavior, and Plant Growth and Development (including plant issue culture). The faculty shares its professional experience with students in traditional classrooms, laboratories, and field settings as well as in non-traditional, individualized independent studies.

Lindenwood has access to a 1,000-acre nature preserve located about 50 miles from the campus in the Cuivre River area. Ecological and systematic studies of terrestrial and fresh water habitats are made possible by this outdoor laboratory and at nearby state-managed properties.

Qualified students have the opportunity to participate in internship programs and independent study opportunities at area hospitals, plant nurseries, local industries, the Missouri Botanical Garden, and with naturalists at state parks. Field studies in career-oriented activities and in outdoor facilities provide students with an opportunity to pursue a wide range of individualized activities. Biology students may choose to combine their interests in the life sciences with other programs within the liberal arts setting. For example, by combining Biology with programs in English, Art, Photography, or Communications, students can learn to communicate science-related events through writing, scientific illustration, or mass media.

Modern laboratories, equipment, greenhouse, and computer facilities are available for instruction and individual research.

B.A. and B.S. degree programs are available. Student research and independent study opportunities are provided to enable the student to study an area of particular interest. Students planning to enter graduate school are encouraged to enroll in the B.S. degree program and should also take two semesters of Physics.

Graduates of the Biology program may choose to pursue graduate studies in the life sciences, to teach, to enter medical, chiropractic, or optometry schools, to work in corporate or medical laboratories, or in field studies for government agencies, or in an increasing number of new fields. In general, training and discipline in scientific thinking prepares a student to compete successfully in many jobs in and out of Biology. For example, our graduates are sometimes hired into management positions in business.



Biology

Program Description

The Biology Department, with support from other campus departments, offers three majors to Lindenwood students. The Bachelor of Arts in Biology major is a strong, traditional, modern Biology program with a liberal arts approach designed to meet the needs of individual students. The Bachelor of Science in Biology requires students to enroll in additional natural science and mathematics courses. The third major (described below) is in Medical Technology, a program structured according to the requirements of NAACLS and taught by various Lindenwood departments and hospital affiliates in the St. Louis Metropolitan area.

Requirements for the Major in Biology

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

1. Required courses (24 semester hours) in Biology as follows:
 - BIO 113 Concepts in Biology II (4)
 - BIO 204 Introduction to Cell Biology (3)
 - BIO 205 Introduction to Biophysics (2)
 - BIO 234 Plant Biology (4)
 - BIO 264 Field Ecology (4)
 - BIO 308 Genetics (4)
 - BIO 364 Evolution (3)
2. Biology electives (12-21 hours)
3. Other courses from Division of Natural Science and Mathematics (13 hours)
 - CHM 152 General Chemistry II (4)
 - MTH 102 College Algebra (or proficiency) (3)
 - MTH 104 Trigonometry and Elementary Functions (or proficiency) (3)
 - MTH 106 Basic Statistics (3)

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

1. Required courses (25 semester hours) in Biology as follows:
 - BIO 113 Concepts in Biology II (4)
 - BIO 204 Introduction to Cell Biology (3)
 - BIO 234 Plant Biology (4)
 - BIO 264 Field Ecology (4)
 - BIO 301 Biostatistics (3)
 - BIO 308 Genetics (4)
 - BIO 364 Evolution (3)
2. Biology electives (11-20 hours)

3. Other courses from the Division of Natural Science and Mathematics (23 hours)

- CHM 152 General Chemistry II (4)
- CHM 361 Organic Chemistry I (4)
- CHM 362 Organic Chemistry II (4)
- MTH 106 Basic Statistics (3)
- MTH 171 Calculus I (4)
- MTH 172 Calculus II (4)

Requirements for the Minor in Biology

Students majoring in other disciplines may minor in Biology by completing the following:

- BIO 113 Concepts in Biology II (4)
- BIO 234 Plant Biology (4)
- BIO 264 Field Ecology(4)
- BIO 308 Genetics(4)

One 3-4 semester hour Biology elective

Medical Technology

Facilities and Activities

The Lindenwood Biology Department has good facilities and activities which prepare students for internship competition. Qualified students, although not guaranteed placement, may be assured that they can compete well with students from other programs.

Career Opportunities

Certified Medical Technologists find employment available in hospitals, clinics, private industry, blood banks, and in medical equipment sales.

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 Concepts in Biology II, two semesters of Comparative Vertebrate Anatomy and Physiology, one semester each of Microbiology, Genetics, Immunology, Parasitology, Concepts in 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 101, 102 General Biology I, II (4) (4) Integrated courses which explore basic concepts in the life sciences including structures, functions, and adaptations of the human species, animals, and plants. Special emphasis is placed on the unifying principles in biology, including molecular, cellular, organismic, ecological, and evolutionary aspects. Lab work will be included. BIO 101 is a prerequisite for BIO 102. Lab fee. (Not offered after 1987-88 academic year.)

BIO 112 Concepts in Biology I (4) Will examine 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 will include use of instrumentation in data collection, methods of data collection and analysis, and a half-semester of actual experimentation. Lab fee. Prerequisite: CHM 111. (General Education course)

BIO 113 Concepts in Biology II (4) Will examine cell metabolism including photosynthesis, classification of organisms, anatomy and physiology of plants and animals, organismic defenses including immune defenses, and behavior. The laboratory will emphasize scientific procedures, data collection and analysis. Lab fee. Prerequisite: BIO 112.

BIO 121 Nutrition (2) A study of the principles of nutrition and relationships between nutrition and health.

BIO 145 Mushrooms and Slime Molds (1) Trips to local woodlands and streams will be combined with laboratory exercises to examine the rich diversity of Missouri saprophytes. Although this course will not specifically emphasize edibles, some attention will be directed towards recognition of interesting, edible, useful, poisonous, and harmful members of these groups. Lab fee.

BIO 146 Insect Biology (3) A taxonomic survey of the major insect groups and their relatives. Behavior, ecology, physiology and control of insect species are studied. Laboratories include collection, preservation, and population sampling techniques. Lab fee. Prerequisite: BIO 113 or consent of instructor.

BIO 155 Survey of Plants (3) A lecture and laboratory survey of the plant kingdom emphasizing gross structure, reproduction, and evolutionary relationships of representative forms. Lab fee.

BIO 162 Environmental Biology (4) A course designed for analysis of current environmental problems. Basic ecological principles are studied as the background for examining problems as they relate to humans in the ecosphere. Lab fee.

BIO 204 Introduction to Cell Biology (3) Concepts of cellular and subcellular organization and function are examined, stressing relationships between cell structure and the dynamics of the cell. Laboratory experiments are designed to gain an understanding of how an entire organism functions by studying activities and structure-function relationships of cells and cell structures. Lab fee. Prerequisite: BIO 113.

BIO 205 Introduction to Biophysics (2) A basic study of the concepts essential to the understanding of the three dimensional organization of cellular components, principles of macromolecular interactions, bioenergetics, enzyme kinetics, and separation methods of biomolecules. Emphasizes the physicochemical nature of living processes. Prerequisite: BIO 113

BIO 206 Modern Topics in Biology (1-3) Topics of current interest in biological research to be discussed by both students and faculty. Various areas of biology will be selected on a rotational basis. Prerequisite: Any 100 level Biology course or consent of instructor.

BIO 234 Plant Biology (4) Lecture and laboratory course examining concepts in cell biology, energy transformation, genetics, evolution, ecology, anatomy, reproduction and taxonomy characteristics of plants. Lab fee. Prerequisite: BIO 113.

BIO 245 Identification and Taxonomy of the Local Flora (3) Survey of the flora of St. Charles and surrounding counties with an emphasis on flowering plant taxonomy. Course includes field trips, lecture, and laboratory experience. Lab fee.

BIO 258 Parasitology (2) An introductory lecture and laboratory course on members of the animal kingdom living in and on the human body with aspects of medical significance. Includes the study of vectors, reservoirs, hosts, and factors of an ecologic and epidemiologic nature associated with disease transmission and prevention. Lab fee. Prerequisite: BIO 113.

BIO 260 Marine Biology in the Subtropics (3) A general study of marine plants and animals with emphasis on the ecology of coral reefs. Studies of protected and exposed reefs as well as visits to lagoons and salt ponds are included. Lab fee. Prerequisite: Consent of instructor.

BIO 264 Field Ecology (4) An introduction to ecology and the relationship of the environment to humans. Ecosystems, energy flow, and distribution and abundance of organisms are discussed. Laboratories will be both field and laboratory based and will concentrate on sampling techniques. Lab fee. Prerequisite: BIO 113.

BIO 280 Introduction to Medical Technology (2) A course designed to introduce students to the laboratory procedures and subject matter of the medical technology program. Taught at St. John's Mercy Hospital. Lab fee. Prerequisite: BIO 112.

BIO 301 Biostatistics (3) A course in experimental design and statistical analysis. Students will be introduced to a variety of statistical techniques including univariate, multivariate, time-series, and nonparametric designs. Prerequisite: MTH 106.

BIO 308 Genetics (4) A study of classical and modern genetics, including principles of Mendelian inheritance, mutagenesis, the genetic code, gene interactions, and population genetics. Lab fee. Prerequisite: BIO 113 or the consent of instructor.

BIO 313 Immunology (3) A lecture and laboratory course introducing concepts and technology in immunology. Lab fee. Prerequisite: BIO 308.

BIO 316 Biochemistry (4) A lecture and laboratory study of the structure and functions of the various chemical constituents of living matter. Lab fee. Prerequisite: BIO 205, CHM 362 or consent of instructor.

BIO 317 Molecular Biology (4) A course which deals with the fundamental roles of nucleic acids and proteins. The molecular basis of the genetic code and gene expression will be examined with special emphasis on current recombinant DNA and RNA technology. Laboratory experiments will focus on plasmid vector systems and bacterial genes to provide basic experience in molecular cloning. Lab fee. Prerequisites: BIO 308, 316.

BIO 324 Animal Behavior (4) Physiology, ecology, and evolutionary aspects of animal behavior are explored. Special emphasis is placed on genetically programmed rather than

learned behavior. Lab fee. Prerequisite: BIO 113 or consent of instructor.

BIO 327 Comparative Vertebrate Anatomy and Physiology I (4) A study of the structure and function of vertebrate organ systems. Emphasis is on basic organization and structure, covering support and movement as well as the nervous and sensory systems. Laboratory exercises include dissection, neuromuscular physiology, and sensory physiology. Lab fee. Prerequisite: BIO 113.

BIO 328 Comparative Vertebrate Anatomy and Physiology II (4) A study of the structure and function of vertebrate organ systems. Emphasis is on the endocrine system, energy acquisition and metabolism, body fluid regulation and reproduction. Lab fee. Prerequisite: BIO 327 or consent of instructor.

BIO 330 Developmental Biology (4) This course will examine the general principles of developmental biology. The course includes concepts about the onset of development, molecular and cellular phenomena of development, cell and tissue interactions, and morphogenesis. Lab fee. Prerequisite: BIO 204.

BIO 335 Experiments in Tissue Culture (3) A procedural and historical examination of the use of cell and tissue culture under controlled laboratory conditions to study differentiation, organogenesis, and clonal proliferation of plant and animal tissue. Lab fee. Prerequisite: BIO 330.

BIO 343 Invertebrate Zoology (4) A lecture and laboratory study of invertebrate animal groups with the exception of insects. Emphasis is placed on the ecology, behavior, physiology, and phylogenetic relationships of the taxa. Lab fee. Prerequisite: BIO 113.

BIO 346 Insect Biology (4) A taxonomic survey of the major insect groups and their relatives. Behavior, ecology, physiology and control of insect species are studied. Laboratories include collection, preservation, and population sampling techniques. Lab fee. Prerequisite: BIO 113 or consent of instructor.

BIO 351 Field Studies in Taxonomy (3-5) Studies on a taxon of student's choice will be conducted on the Cuivre River property. Work will include collection, identification, and preservation techniques. Lab fee. Prerequisite: BIO 113.

BIO 353 Microbiology (4) A course relating the major principles in biology to the microbial world. Primary emphasis is on bacteria, with consideration of the algae, fungi, pro-



tozoa, viruses, and other microorganisms. Lab fee. Prerequisite: BIO 204.

BIO 355 Survey of Plants (4) A lecture and laboratory survey of the plant kingdom emphasizing gross structure, reproduction, and evolutionary relationships of representative forms. Lab fee. Prerequisite: BIO 234.

BIO 357 Aquatic Algae of the Region (3) Collection, identification, and classification of local algae with special emphasis on field and laboratory studies. Lab fee. Prerequisite: BIO 113.

BIO 364 Evolution (3) A course of readings and discussion of the major evolutionary theories from Lamarck and Darwin to the Modern Synthesis. Current research in evolution will be considered. Prerequisite: BIO 308.

BIO 365 General Ecology (3) A theoretical approach to ecology including models of population growth and distribution, measurement of energy flow and population dynamics. Prerequisites: BIO 264, MTH 106.

BIO 390 Seminar Topics in Biology (3) Special topics selected from various areas of biological investigation either of recent or historical origin. Topics differ from year to year. Prerequisite: BIO 112.

BIO 400 Field Study (1-5)

BIO 450 Internship (6 or more)

Medical Technology

These courses are taken during the fourth year of the Medical Technology degree program and must be taken at an NAACLS accredited program. Variations in credit hours indicated after each entry are due to specific program variations at the internship institutions.

MTC 301 Clinical Chemistry (8-12) Aspects of the clinical biochemistry of body fluid constituents are examined using analytical and theoretical approaches. Techniques learned are manual and instrumental.

MTC 302 Coagulation (1-2) Principles and techniques used in the study of coagulation are examined in lecture and laboratory.

MTC 303 Clinical Education (1-4) Topics such as inservice education and educator techniques in the instructional process are discussed. Objectives, learning activities, and evaluative measures are examined.

MTC 304 Hematology (3-6) Study of normal cellular elements of blood and bone marrow, including cell life histories and morphologies; abnormalities in life histories and morphologies are analyzed quantitatively and qualitatively; hemostasis and hemorrhagic disorders also are covered.

MTC 305 Immunohematology (3-5) Blood group systems and immune response are studied with an emphasis on genetics, incidence, serologic reactions, and rate types, as well as blood-bank methodology. Administrative and legal aspects of blood banking are studied.

MTC 306 Immunology-Serology (2-3) Antibody production, antigen-antibody interactions and techniques in serological testing of various diseases are studied.

MTC 307 Clinical Laboratory Management (1) Principles and philosophy of effective management including function, organization, staffing, and direction are investigated.

BUSINESS ADMINISTRATION

Faculty: Swift (Acting Chairperson), Ammann, Ezvan, Hulett, King, Moore, Prell

Career Opportunities

The Business Administration programs at Lindenwood College offer the undergraduate student an opportunity to:

1. develop the knowledge of theory and techniques of management to prepare the student for professional careers in business and/or in the management of non-business organizations;
2. gain both a general orientation to business and to develop a field of specialized training. Business majors pursue a general program completing a series of courses defined as the "core." Upon completion of the "core," the student may choose to develop further skills in one of the following areas: (a) accounting, (b) economics, (c) finance, (d) management, (e) marketing, (f) management information systems, (g) fashion marketing. (See the section in the catalog under Fashion Marketing to explore this last option); and
3. provide motivation for lifelong study and learning as well as a foundation upon which a student can build higher degrees.

Admission and Transfer into the Business Administration Program

The Bachelor of Arts degree with a major in Business Administration is an upper-division program. Students intending to earn a degree in Business Administration should complete the General Education requirements for the desired degree in their freshman and sophomore years. No business courses should be taken in those first two years except those numbered in the 200 series.

Students who have earned an associate degree in Business or other areas at another institution will be required to complete the same requirements for a degree as four-year Lindenwood students. Students attending a two-year college who intend to transfer to Lindenwood should focus their course selections on those courses that are equivalent to Lindenwood's general requirements. The Business Administration Department recommends the following courses for students electing to attend two-year institutions for later transfer to Lindenwood's bachelor's program in Business Administration:

(a) English Composition: 6 hours

(b) Mathematics: 6 hours

The mathematics courses should meet the general education requirements as outlined in this catalog and should include a basic statistics course.

(c) Natural Science: 6-12 hours

Courses should be chosen which will meet the general education requirements as outlined in this catalog.

(d) Social Sciences: 9 hours

Courses should be chosen which will meet the general education requirements as outlined in this catalog.

(e) Business Courses: Accounting, MIS, and Economics

Advisement and Counseling

The Business Administration Department offers advising and counseling to assist students in scheduling their courses to meet program requirements.

Degree Requirements in Business Administration

To obtain a Bachelor of Arts degree in Business Administration the student shall:

1. Meet the general education requirements of Lindenwood College. The Business Administration student should consider the following recommendations regarding the general education courses chosen:

A. Sociology, History, and Psychology are excellent areas of preparation for business courses in management, marketing, and international business.

B. In the Mathematics area, students should consider MTH 106 Basic Statistics, for one course.

C. In general, Business Administration students should consider selecting elective hours to build and/or increase their

ability to communicate effectively. Courses in effective writing, speech, and mass communication will add to preparation for a business career.

D. While students should seriously study the use of elective hours to prepare themselves as professional managers, the need and value of courses that enlarge knowledge of the world, the United States, the arts, the humanities, and the sciences, cannot be overestimated.

Core Requirements for the Major in Business Administration

The required core business courses are as follows:

1. Accounting
 - BA 200 Principles of Accounting (3)
 - BA 201 Accounting Principles and Standards (3)
2. Management Information Systems
 - BA 240 Introduction to Data Processing (3)
3. Finance
 - BA 320 Principles of Finance (3)
4. Management
 - BA 330 Principles of Management (3)
5. Marketing
 - BA 350 Principles of Marketing (3)
6. Business Law
 - BA 360 Business Law I (3)
7. Economics
 - BA 211 Principles of Political Economy (Micro) (3)
 - BA 212 Principles of Political Economy (Macro) (3)
8. Statistical Procedures
 - SS 310 Social Science Statistics (3)
9. Management Policy (Senior Course)
 - BA 430 Management Policy (3)

This list of core courses totals 33 hours required toward graduation.

It is strongly recommended that Business students should complete these required core courses as soon as possible after completing the College's general education requirements and prior to taking Business electives. The only exception is BA 430 Management Policy, a senior course designed to be taken at the end of the undergraduate program.

Additional Requirements for the Major in Business Administration

A Business Administration major is required to take 12 hours of business electives in advanced business courses (those numbered in the 300s and 400s). Students may use these elective hours to specialize in particular fields. For instance: (1) select accounting courses to specialize in account-

ing and prepare for the CPA examination, (2) continue in Management Information Systems to specialize in business computer information systems, or (3) prepare for other careers in management, marketing, advertising and business communications.

Additional elective courses are available which can be employed to broaden knowledge in many vital areas.

Those expecting to continue their education in a graduate school should be aware that an overall GPA of 2.5 is considered minimum and 3.0 is generally expected for graduate admission.

All students intending to major or minor in Business Administration programs must be counseled by the Business Administration Department prior to the junior year. Transfer students should consult with the department as soon as admitted to Lindenwood.

Requirements for the Minor in Business Administration

Students majoring in other departments may choose to have a minor in Business Administration. The minor consists of the following courses: BA 200, BA 201, BA 210, BA 240, BA 320, BA 330, BA 350, and BA 360 (24 hours total).

Certain non-business majors, including Communications majors, define a minor in Business Administration. Students should discuss these minors with their major advisor.

Courses of Study

Accounting

BA 200 Principles of Accounting (3) A basic study of the financial aspects of asset resources including their nature, valuation, sources, and uses in operations analyses within the accounting information processing system and cycle, and income and financial position measurements and reporting. Prerequisite: College Algebra or equivalent.

BA 201 Accounting Principles and Standards (3) A basic study of accounting principles applies to corporations and partnerships; financial statement analyses and fund flows; and an introduction to the managerial uses of accounting. Prerequisite: BA 200.

BA 300 Intermediate Financial Accounting Theory and Practice I (3) The development, application, and importance of accounting standards, principles, and conventions, including current FASB opinions. Problems of balance-sheet valuations and their impact upon income statements; effects of judgment and opinion on the "fairness" of statement presentations. Prerequisite: BA 201.

BA 301 Intermediate Financial Accounting Theory and Practice II (3) Continuation of BA 300. Prerequisite: BA 300

BA 400 Auditing (3) Theory and Application of generally accepted auditing standards and procedures used by independent public accountants. Responsibilities and ethics of the CPA as well as practical problems are examined. Prerequisite: BA 301.

BA 401 Principles of Income Taxation (3) Study of the Federal Income Tax laws as they affect individuals, partnerships, corporations, estates, and trusts, in determination of the taxable income for computing the tax liability due. Prerequisite: BA 201.

BA 402 Introduction to Cost Accounting (3) Concepts of cost determination, reporting, and control applied to manufacturing operations. Emphasis is placed on job order and process cost accounting systems. Prerequisite: BA 201.

BA 403 Managerial Accounting (3) Course is designed to provide students not concentrating in accounting with an understanding of utilization of internal accounting data for management planning and decision making. Prerequisite: BA 201.

BA 404 Advanced Accounting (3) Specialized topics in advanced financial accounting: consolidations, mergers, partnership liquidations, consignments, installment sales, estates, and trusts. Prerequisite: BA 301.

BA 409 Directed Studies in Accounting (1-6) Prerequisite: permission of instructor.

Economics

BA 210 Survey of the Principles of Political Economics (3) A one-semester survey of the major economic issues of the day and an introduction to the principles used in the analyses of these problems. The basic economic problem of how scarce resources should be used to meet human needs will be the central theme of the course. This course serves as an introduction to Political Economy for non-business majors. (General Education course option)

BA 211 Principles of Political Economy—Micro (3) The scope and method of economics. The market economy, demand, supply, and the price system. Market structures, distribution of income, current problems that can be in-



vestigated by micro-economic analysis. Prerequisite: sophomore standing.

BA 212 Principles of Political Economy - Macro (3) National income measurement and determination; consumption, investment, and saving; the cyclical nature of economic activity; role of money and financial institutions; economic growth; international economic relationships. Prerequisites: BA 211 and sophomore standing.

BA 311 Managerial Economics (3) This course is designed to demonstrate the broad applicability of economic analysis to provide a framework for private and public decision-making. Topics will include demand estimation, production theory, cost theory, market structure, and government regulation of business. Prerequisites: BA 212, SS 310.

BA 312 Business Conditions Analysis and Forecasting (3) A detailed study of the factors which affect the level of national income and the techniques of forecasting them. The emphasis will be on interpreting changes in the aggregate economy and their impact upon various sectors, industries, and firms. Prerequisites: BA 212, SS 310.

BA 314 American Economic History (3) Economic life and institutions in the United States from colonial days. Economic growth, state and private authority in relation to economic activity, monetary and banking history, trade and commerce, industrial development, labor problems, transportation, land and agricultural policy. Identical with History 314. Prerequisites: One course in U.S. history and Economics 210 or 212.

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 410 Labor Economics and Individual Relations (3) A study of the labor force employment, wages, hours, and industrial conflict. Unions, collective bargaining, and the labor laws will be given important consideration. 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, BA 212, SS 310.

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 finan-

cial paper. A survey of the bases for investment decisions and the management of investment portfolios. Prerequisite: BA 200, 210, 212 or 320.

BA 421 Problems in Corporate Finance (3) Application of principles of finance to specific cases. Development of analytical ability and fuller comprehension of the nature of financial problems as encountered in business and industry. Prerequisite: BA 320.

BA 422 Principles of Real Estate (3) A survey of the real estate industry and the economy. Also this course investigates public land use and control, environmental controls, real estate interests and controls, legal aspects and instruments employed in Real Estate, and Real Estate market analysis. Also emphasis is placed on the market and cost approaches to value, income approach to value, financing techniques, credit sources, government involvement, brokerage functions, real estate title, and real estate management. Prerequisite: BA 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 SS 310.

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 for 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 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 design 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 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 443 Systems Analysis and Design (3) This course focuses on the systems and design process. Through an analysis of cases the phases of Systems Development Life Cycle are discussed in detail. Topics covered include file and data base organization and design, computer system evaluation and selection, and project management. Prerequisites: BA 441, 442.

BA 445 Information Systems Projects (3) This course is designed to provide the student with experience in analyzing, designing, implementing, and evaluating information systems. Involves definition of a management systems problem in a local firm, analysis of problem, and design of a new or modified system to resolve the problem. Prerequisite: BA 443.

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 market place. 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: SS 310.

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 multifaceted 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.

Business Communication

BA 380 Business Communication (3) Business communications is the study of the principles of effective business writing. Emphasis will be placed on writing memorandums, letters and specialized reports, with an additional concentration on international business communications. Prerequisites: ENG 101, 102.

CHEMISTRY

Faculty: Bornmann (Chairperson), Nasr

Career Opportunities

The Chemistry Department prepares students for a chemistry career in industry, government, academic institutions, and medical labs. Chemistry graduates are prepared for graduate studies in chemistry and related fields. Pre-professional programs such as pre-medical, pre-dental, pre-engineering, pre-veterinary and pre-optometry are offered. Students interested in a pre-professional program should work closely with their advisor to plan course selections.

Requirements for the Major in Chemistry

A major in Chemistry requires the completion of at least 34 credit hours including at least one course of organic, inorganic, analytical, and physical chemistry; two courses in mathematics (including MTH 172); and at least one physics course. Students considering the possibility of graduate school should include CHM 472.

Qualified students are urged to compete for Honors Research Participation programs at Argonne, Brookhaven, and Oak Ridge National Laboratories and at Barnes Hospital during summer terms.

Requirements for the Minor in Chemistry

A minor in Chemistry can be obtained by the completion of at least five courses from the following list: CHM 111, 152, 341, 342, 361, 362, 471, and 472.

Courses of Study

CHM 111 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. This course is the prerequisite for BIO 112 and CHM 152. Laboratory work is included. Lab fee. (General Education course)

CHM 152 General Chemistry II (4) A continuation of CHM 111. Topics include stoichiometry, solutions, thermodynamics, kinetics, equilibria, and classification of the elements. Laboratory work is included. Lab Fee. Prerequisite: CHM 111.

CHM 200 Pharmacology (2) This course deals with the use of drugs in the management of medical disorders and clinical situations, presenting information about modern medications in a manner relevant to the needs of nurses. Course topics include drug standards and legislation, pharmaceutical preparation of drugs, administration of medicines, autonomic, cardio-vascular, central nervous system, and psychotropic drugs, drug abuse, anesthetic agents, respiratory system drugs, histamines/and anti-histamines, fluids-electrolytes and nutrients, diuretics, antimicrobial agents, chemotherapeutics, antiseptics, serums and vaccines, sex hormones, enzymes, and toxicology. No lab. Prerequisites: BIO 227, 228, and CHM 140.

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-transitional 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 is included. Lab fee. 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 381T Thermodynamics (3) A study of thermodynamics which emphasizes the concepts of equilibria, energy, and entropy and includes the first, second and third laws of thermodynamics with an introduction to the statistical approach to chemical energetics. No lab. Prerequisites: CHM 152 and MTH 172.

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 the 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 is 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

Faculty: Wilson (Chairperson), Fields, Guckes, Sakahara, Shiller

Program Description

The Department of Communications offers majors in Mass Communication and in Corporate and Industrial Communication. A minor in Communication for Business also is offered.

Students who major in Mass Communication may choose an emphasis in Radio-Television, Journalism, or Public Relations.

The Corporate and Industrial Communication major is designed to prepare students for careers in industry or with companies which incorporate media departments within traditional business. The major reflects an increasingly diverse business environment in which information technology is combined with communications and business skills.

Facilities

KCLC-FM is a stereo facility located on the campus and operated by the Communications Department. It is a hands on, student operated station. KCLC simulates a commercial radio operation and has a listening audience of approximately 40,000. It is the principal radio station in St. Charles County and also serves the greater St. Louis Metropolitan area. KCLC-AM is a carrier current station, heard only on campus, that serves as a training facility for Communications majors prior to on-air work at KCLC-FM.

New color television equipment and studios were installed in Young Hall in 1985.

Communications students also use the photographic darkroom facilities of the Art Department located in Young Hall.

Department Philosophy

Career training in both Mass Communication and Corporate and Industrial Communication demands a strong liberal arts background. Communications study is basically

vocational training; the real content of communication is the liberal arts—Social Science, Humanities, Natural Sciences and Mathematics. The complex communications industry of the future demands men and women who combine superior communications skills with a solid educational background. Only they will be capable of assuming key positions within the industry. Above all, this fusion of skills and education will enable them to adapt to the rapidly changing technology of communications. Therefore, majors should work closely with faculty advisors to plan a rich educational program that will serve them well in the years to come.

Career Opportunities

The Mass Communication major and the Corporate and Industrial Communication major are intended to provide a solid background in communication, so that the student may enter one of the fields in the communications industry or pursue graduate study. The student is encouraged to enter an internship program during the junior or senior year in order to acquire on-the-job experience with a professional communications organization.

Some of the specific career opportunities available include: news reporter, disc jockey, staff announcer, continuity writer, TV producer or director, broadcast traffic manager, editor, public relations director, advertising copywriter, photographer, in-house and institutional publisher, free-lance writer, advertising sales representative, television production assistant, broadcast engineer, information specialist, organization communication specialist, media manager.

Requirements for the Major in Mass Communication

Required Courses (29 hours)

- COM 100 Introduction to Mass Communication (3)
- COM 151 Radio Production (3)
- COM 240 Interviewing (1)
- COM 242 Basic Reporting (3)
- COM 254 Video Production (3)
- COM 301 Applied Mass Communication (1)
- COM 304 Broadcast Newswriting (3)
- COM 307 Writing for the Electronic Media (3)
- COM 401 Mass Communication Law (3)
- COM 405 Ethics and the Media (3)
- COM 460 Senior Communications Seminar (3)

Sequence Requirements (9 hours)

- Radio-TV: COM 360 Broadcast Operations (3) and choose two of the following: COM 342 Advanced Reporting (3), COM 352 Advanced Radio Production (3) or COM 356



- Advanced Video Production (3)
 Journalism: COM 305 Publications Editing and Production (3), COM 340 Magazine Writing (3) and COM 342 Advanced Reporting (3)
 Pub. Rltns.: COM 305 Publications Editing and Production (3), COM 308 Media Presentations (3) and BA 452 Principles of Public Relations (3)

Major Electives (4-10 hours)

Choose from the following:

- COM 270 History of Film (3)
- COM 300 Communication Workshop (1-3)
- COM 301 Applied Mass Communication (1-3)
- COM 305 Publications Editing and Production (3)
- COM 308 Media Presentations (3)
- COM 340 Magazine Writing (3)
- COM 342 Advanced Reporting (3)
- COM 352 Advanced Radio Production (3)
- COM 356 Advanced Video Production (3)
- COM 360 Broadcast Operations (3)
- COM 450 Communications Internship (1-6)
- BA 452 Principles of Public Relations (3)
- BA 454 Advertising and Promotion Policy (3)

Requirements for the Major in Corporate and Industrial Communication

Required Courses (39 hours)

- COM 100 Introduction to Mass Communication (3)
- BA 200 Principles of Accounting (3)
- COM 242 Basic Reporting (3)
- COM 254 Video Production (3)
- COM 305 Publications Editing and Production (3)
- COM 307 Writing for the Electronic Media (3)
- COM 308 Media Presentations (3)
- COM 313 Group Dynamics (3)
- COM 326 Persuasion (3)
- COM 420 Organizational Communication (3)
- BA 452 Principles of Public Relations (3)
- BA 454 Advertising and Promotion Policy (3)
- COM 460 Senior Communications Seminar (3)

Elective Courses (3-9 hours)

- COM 213 Interpersonal Communication (3)
- COM 222 Business and Professional Speaking (3)
- BA 240 Introduction to Data Processing (3)
- BA 330 Principles of Management (3)
- BA 331 Organizational Behavior and Human Resource Management
- BA 350 Principles of Marketing (3)
- BA 380 Business Communication (3)

- BA 442 Principles of Management Information Systems (3)
- COM 450 Communications Internship (1-6)

Requirements for the Minor in Communications for Business

The minor in Communications for Business is designed for students intending to major in Business Administration. (This minor is not available to students intending to major in Corporate and Industrial Communication.)

Requirements (19-22 hours)

- COM 100 Introduction to Mass Communication (3)
- COM 213 Interpersonal Communication (3)
- COM 222 Business and Professional Speaking (3)
- COM 240 Interviewing (1)
- COM 242 Basic Reporting (3)
- COM 313 Group Dynamics (3) and/or
COM 420 Organizational Communication (3)
- BA 380 Business Communication (3)

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 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 organiza-



tion, writing, production, direction, and performance of basic radio programs. Lab fee. Suggested prerequisite: COM 100 or concurrent registration.

COM 213 Interpersonal Communication (3) Study of the dimensions of speech communication and human relationships. An examination of the dynamic communication process as it affects interpersonal and small group contexts.

COM 222 Business and Professional Speaking (3) A basic public speaking course to help the student prepare, research and deliver oral presentations. Specific types of speeches such as informative, persuasive, ceremonial and after dinner speeches will give the student practice in organizing and presenting ideas. Speech analysis and evaluation is an integral part of the course. Prerequisite: ENG 102.

COM 227 Oral Interpretation (3) A study of the history, purpose and theories of oral interpretation of prose, poetry and drama. Laboratory work in selecting, cutting, arranging and presenting oral interpretation projects.

COM 228 Nonverbal Communication (3) An examination of human noncommunication through gesture, physical movement, vocal inflection, physical appearance, space relationships and kinetic analysis.

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 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) Pub. Rltns...Prerequisites: COM 100 and COM 242

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

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.

COM 305 Publications Editing and Production (3) An examination of traditional and computer-assisted techniques of editing, design, graphic production and layout of publications. Study will include magazines, newspapers, brochures, yearbooks and other business publications. Prerequisites: ENG 102, COM 100 and 242.

COM 307 Writing for the Electronic Media (3) A laboratory course in techniques and forms of script writing for all types of electronic media. Prerequisites: ENG 102, COM 100, 242, and 254.

COM 308 Media Presentations (3) A laboratory course in the production and preparation of non-broadcast multi-media presentations. Emphasis will be placed on audio, video, slide and other forms of electronic communication delivery for business and industry. Prerequisites: ENG 102, COM 100, 222, 242, 254, 305, and 307.

COM 313 Group Dynamics (3) An examination of communication in small group settings. An investigation of theories of group discussion, problem-solving and decision-

making techniques, leadership styles, and the functional roles of group members. Lectures, exercises, research, performance, evaluation, and analysis should improve the student's capacity to be an effective group participant. The student will be asked to work within a small group to solve a problem and implement a decision.

COM 315/EDU 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. Suggested prerequisite: COM 222.

COM 322 Advanced Public Speaking (3) This course is designed to strengthen the public speaking skills gained in other courses. The student will present various speeches aimed at sharpening his/her organization and delivery style. Emphasis is given to longer and more diversified speeches: policy statements, keynote address, speech to entertain, emotional arousal, and eulogy. Theories of rhetorical analysis and speech criticism are discussed. Prerequisites: ENG 102, COM 222.

COM 323 Advanced Interpersonal Communication (3) Modern communication theories are traced through current literature and research. Topics include language, communication apprehension, transactional analysis, conflict, and intimate communication. Prerequisites: ENG 102, COM 213.

COM 326 Persuasion (3) An exploration of the ways in which people try to influence the behavior of others. Specific consideration is given to persuasion through communication; deliberate attempts people make to change the attitudes, beliefs, values, and action of those around us. Theories of persuasion will be discussed. The student will learn to structure persuasive messages and appeals in interpersonal, small group, organizational, and mass media settings. Prerequisite: ENG 102. Suggested prerequisite: COM 213 or 222.

COM 331 Intercultural Communication: US and Japan (3) A study of similarities and differences between Japan and the United States and methods for developing intercultural understanding and improved intercultural communication. Course focus includes the study of Japanese cultural history, literature, interpersonal behavior, and aspects of Japanese language. Business applications are explored including: motivation, organizational behavior and business etiquette. Prerequisite: ENG 102.



COM 340/ENG 340 Magazine Writing (3) Writing popular non-fiction articles for magazines with emphasis on targeting and selling articles to publications. Prerequisites: ENG 102 and permission of the instructor.

COM 342 Advanced Reporting (3) Discussion and implementation of gathering information as well as writing news, background stories, interpretive stories, and documentaries for print and broadcast. Analysis of legal, social and moral responsibilities of the reporter. Prerequisites: ENG 102, COM 100, 242 and 304.

COM 352 Advanced Radio Production (3) Students carry out advanced assignments in radio production and direction. Preparation, production and evaluation of various radio programs which may include music, entertainment, interviews, commercials and special events. Prerequisites: COM 100, 151.

COM 356 Advanced Video Production (3) Students carry out advanced creative assignments in video production and direction. Preparation, production and evaluation of various programs which may include news, discussion, educational, interview, entertainment, documentary, commercial, and special events programming. Prerequisites: ENG 102, COM 100, 151, 254 and 307.

COM 360 Broadcast Operations (3) An examination of the structural organization of radio and television stations in the United States. Various divisions and departments of broadcast station operations will be studied. Special attention will be placed on programming, promotion, audience research, and broadcast management techniques. Prerequisites: ENG 102, COM 100, COM 151. Suggested prerequisites: COM 254, 301.

COM 385 Topics in Media for Secondary Education (3) A course designed to prepare secondary education instructors for advising school media. Discussion includes the problems of staffing, developing annual budgets, and dealing with administrators as well as the legal and ethical issues of school media. Prerequisites: ENG 102 and admission to the Teacher Education Program.

COM 401 Mass Communication Law (3) The study of laws which affect and regulate the mass media. Includes a study of constitutional, statutory and administrative laws. Prerequisites: Completion of 12 credits in Communications courses and senior standing.

COM 405 Ethics and the Media (3) An examination of moral and ethical issues in mass communication. The course focuses on ethical questions within the communications industry and the effects on media and society. Prerequisites: Completion of 12 credits in Communications courses and senior standing.

COM 420 Organizational Communication (3) An examination of the dynamic communication process within a business organization. Application of the basic principles of communication within the flow of the organizational structure. Emphasis on detecting communication breakdowns within the organization which lead to inefficient communication and ineffective management technique. Prerequisites: ENG 102, COM 213 or consent of the instructor.

COM 450 Communications Internship (1-6) Supervised work experience for the advanced student which requires the application of communication principles, skills and strategies in business or professional communications organizations. Prerequisites: Minimum of junior standing and approval of the departmental internship committee.

COM 460 Senior Communications Seminar (3) An examination of the relationship between communication theory and the evolution of the communications industry. Students will develop a major paper as well as explore career opportunities in the field of communications. Prerequisites: Completion of 12 credits in Communications courses and senior standing.

COMPUTER SCIENCE

See Mathematics/Computer Science

ECONOMICS

See Business Administration

EDUCATION

Faculty: Henderson (Chairperson), Denney, Donovan, Polette.

Program Description

Lindenwood College is accredited by the National Council for Accreditation of Teacher Education (NCATE). 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.

A student who is planning to teach should seek an Education Department advisor so that all requirements for teacher certification can be properly planned and scheduled.

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 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.

Students may prepare themselves for elementary, middle school, special education, secondary, or K-12 teacher certification in programs supervised by the Education Department. The student interested in elementary education may pursue a degree with a major in a specific department or may pursue a major in elementary education. Students interested in teaching their major subject at the secondary level or under the K-12 program (Art, Music, Modern Languages) should plan a major in their subject field, completing the requirements for the Bachelor of Arts, the Bachelor of Science, or the Bachelor of Fine Arts degree, including the specific course requirements for secondary certification.

Those interested in the Middle School or Preschool-Grade 3 certificates will earn an Elementary (1-8) certifi-

cate 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, (3) Mentally Handicapped, and (4) Visually Impaired. Because these programs are demanding, one must carefully

plan and sequence the courses in order to graduate in four years. This means working with an advisor in the Education Department as soon as the decision to teach is made.

Evening College Teacher Preparation Program

Through the Evening College, a student may obtain a

degree which includes a program in teacher certification in Missouri.

Most professional courses, except student teaching, needed for initial certification in the areas mentioned above will be offered in the evening on a rotating basis. This program is specifically designed to meet the needs of individuals with previous experience in an educational setting, such as teacher aides, substitute teachers, teachers with temporary certification, and teachers in private schools. Careful planning is required to assure that students complete the Evening College offerings in the proper sequences.

Special Certification Programs in Library Science K-12

Supplementary to the standard certification areas, course work is available to permit students to obtain credit in required areas (cataloging, selection and acquisition, reference, administration, internship and adolescent or children's literature) and some optional areas (AV materials) to earn K-12 certification in Library Science. A minimum of 18 hours is needed. Missouri Certification in Elementary or a secondary standard area of certification is required.

Transfer Students

All transfer students who intend to be candidates for certification must contact the Education Department for appropriate counseling no later than the first week of the term in which they enroll. An Education Department faculty member will be assigned to help students register for the appropriate education courses.

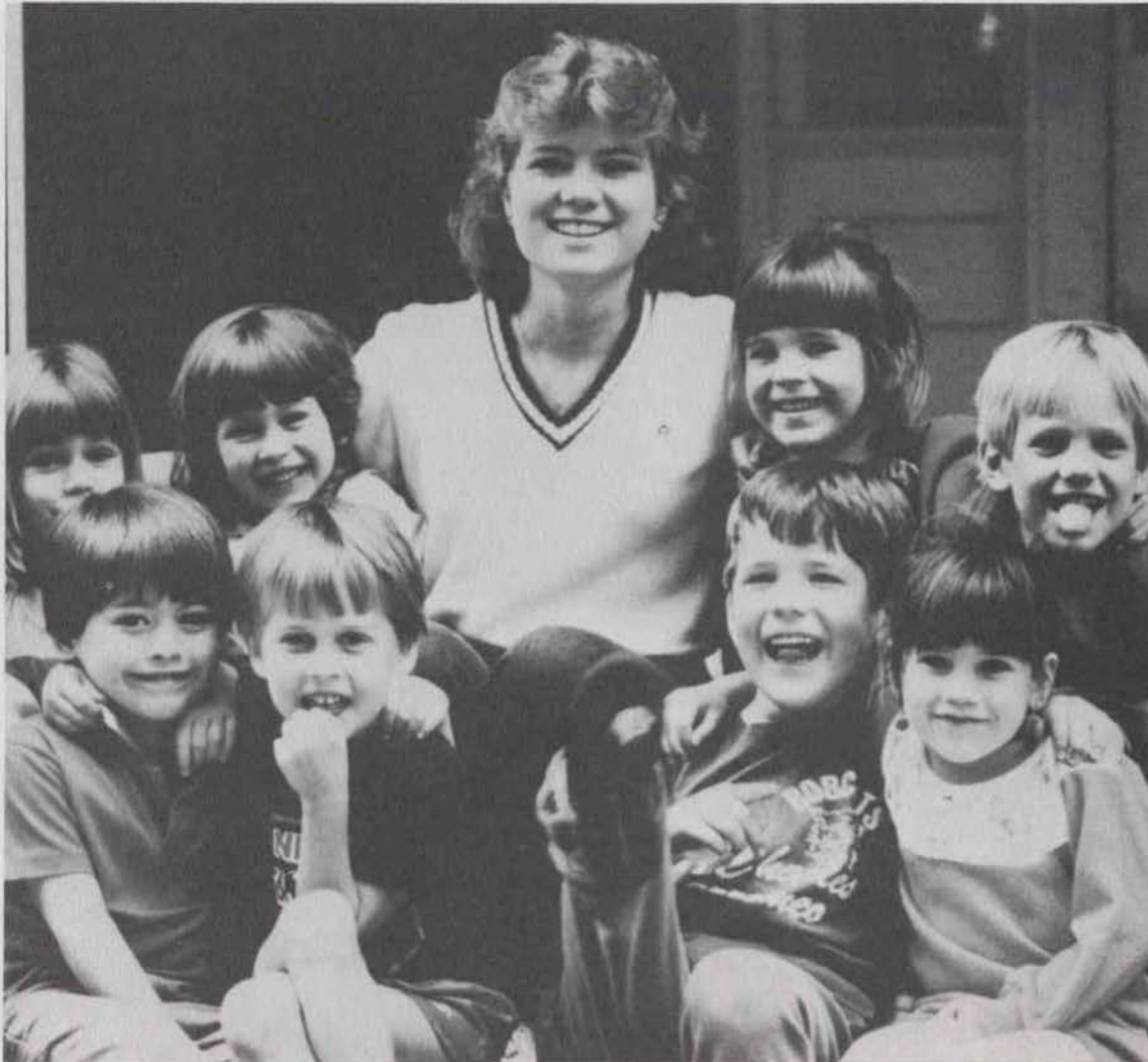
Courses of Study

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 200 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.

EDU 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 per-





sonal identity, changing roles in family, school, and community, and problems of adjustment, delinquency and drug abuse. A prior course in psychology is desirable. Identical with PSY 201.

EDU 206 Human Development (3) Study of the factors influencing the child's perceptual, motor, intellectual, language, social, and personality development from birth to maturity. Students will have the opportunity to study the behavior of children in Lindenwood's Preschool or in other community programs.

EDU 218 Principles of Early Childhood 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 areas 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.

EDU 239 Library Administration (3) General administrative procedures used in administration of school library organization, staffing, operations, budget, and physical plant.

EDU 240 Integration of Audio Visual Materials in Instruction (3) For elementary and secondary teachers and for library/media personnel, covering the fundamentals of teaching with audiovisual technology.

EDU 242 Cataloging and Classification (3) Simple cataloging problems following standard practices. Classification according to the Dewey Decimal and Library of Congress Classification System.

EDU 243 Reference and Bibliography (3) Study of the books useful in school reference sections: encyclopedias, dictionaries, general reference books, and simple bibliographies.

EDU 244 Selection and Acquisition of Library Materials (3) Principles of selecting books and periodicals for the school library. Use of guides, bibliographies, purchasing methods, sources of supplies, purchasing records.

EDU 246 Children's Literature (3) History and development of literature suitable for elementary school and high 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, 301 (4) (4) Strategies and Tactics for Secondary Teaching. A study of theories of learning and human development and their influence on current classroom practices. Opportunities are given to practice a variety of teaching techniques. Classroom observations are an integral part of the course. Students must register for EDU 380 for 1 semester hour concurrently with EDU 301. Prerequisites: Sophomore standing and EDU 110 or concurrent registration.

EDU 303, 304 (4) (4) Strategies and Tactics for Elementary Teaching. A course designed to provide an integrated view of teaching, learning, and social behavior in the elementary school setting. The study of child psychology and educational psychology contributes to a more comprehensive understanding of learning as a process for developing desirable behavior in children within the school community. Classroom observations are an integral part of the course. Students must register for EDU 380 for 1 semester hour concurrently with EDU 304. 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 setting. Prerequisite: EDU 303 or 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 modern language-reading program. Various methods and appropriate materials are ex-

plored. Prerequisite: EDU 303 or consent of the 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 308 Organization and Administration of the Preschool (3) A course designed to provide students with various organizational patterns for establishing educational programs for young children. The issues and concerns of administering these programs will be emphasized. Observations will be required in several local area programs. Prerequisites: EDU 218, EDU 303, EDU 322 or 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 EDU 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 EDU 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 EDU 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 EDU 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 EDU 322 or consent of instructor.

EDU 314 Utilizing Parent and Community Resources (3) An exploration of the resources of the community and methods of incorporating them into the pre-school program. Parent resources and parent-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 presen-

tation 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 instruments and techniques for assessing language development. Prerequisite: Junior standing.

EDU 318 Educational Psychology (3) A study of learning theories and their application to classroom learning. Emphasis is placed on knowledge of testing instruments, procedures, and interpretation, techniques for evaluating student progress, and diagnosing and prescribing for individual need. Prerequisite: Prior Psychology course or consent of instructor.

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

EDU 322 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 206 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 EDU 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 (3) 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, EDU 218 or its equivalent.

EDU 330-338 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: At least one semester of Secondary Strategies or its equivalent. This course is offered in the second term of each academic year. Subjects available are:

330 Science	335 Social Studies
331 Mathematics	336 Business Education
332 Modern Languages	337 Speech & Theater
333 Art	338 Music
334 English	

EDU 339 Reading Methods For Early Childhood Education (2-3) An advanced course in reading methods with an emphasis on early childhood education. The course will emphasize the language experience approach, individualized instruction, divergent and elaborative thinking, and integrating reading into the entire curriculum. Activities will include a review of theory and practice, the development of a curriculum plan for reading in early childhood education, and follow-up activities for testing model lessons in a classroom situation. Prerequisite: EDU 305.

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 these 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 300 or EDU 303, 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, EDU 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 301, 304 and 322 must enroll for one hour of practicum. Prerequisite: EDU 300 or 303 or consent of instructor.

EDU 384 Creating Curriculum and Materials for Early Childhood Programs (3) 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, EDU 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 these 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 410/411 Student Teaching (8-10) 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 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 203/PSY 203 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 302/PSY 302 Behavior Modification (2) 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 328 Methods of Teaching Children with Learning Disabilities. (3) 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. Prerequisites: EDU 341 and SED 335.

SED 329 Methods of Teaching Mentally Retarded Children (3) 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. Prerequisites: EDU 341, SED/PSY 302.

SED 331 Methods of Teaching Behaviorally Disordered Children (3) 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. Prerequisites: EDU 341, SED/PSY 302.

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. Theoretical schemes of language acquisition, the child's stages in acquisition of morphology and syntax, sound, and semantics are an integral part of the course. Prerequisite: EDU 341.

SED 335 Principles of EMR/LD (3) In this course the student will examine the theories, classification systems, assessment techniques, and remediation programs related to the education of the Educable Mentally Retarded and the Learning Disabled. The course also enables students to consider the commonalities and differences in principles in these two fields of special education. Prerequisite: EDU 341.

SED 336 Perception: Development and Learning (3) A study of the nature and development of sensory and perceptual processes most closely related to vision and audition. Both research reviews and field experience will be used to consider the changes in understanding complex stimuli which occur with maturity and experience. Specific consideration will be given to the causes and effects of abnormal perceptual development. Each student will work individually with a child experiencing perceptual dysfunction. Identical with PSY 336. Prerequisite: EDU 341.

SED 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 352 Braille—Reading and Writing (2) Transcribing and sight reading standard English braille. An introduction to braille mathematical notation and other formats.

SED 353 Anatomy and Physiology of the Eye (2) The structure, function, and possible pathologies of the eye. Social, vocational, and educational implications of visual problems. Skills in communicating with medical and rehabilitation specialists regarding implications of individual visual problems.

SED 354 Orientation and Mobility for Visually Impaired Children (2) This course is designed to provide practical information to those persons involved in the growth and development of visually handicapped individuals. Emphasis on (1) the historical development of formalized orientation and mobility, (2) physical and mental factors of orientation and mobility, and (3) practical experience learning basic pre-cane skills (i.e., sighted guide, self-protection, and familiarization).

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 356 Conservation and Use of Limited Vision (2) This course covers the principles of visual perception development, implications of visual field losses, introduction to optics, optical and non-optical low visual aids, low vision simulation experience and activities. Prerequisites: SED 355 or consent of instructor.

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 EDU 322, and EDU 312.

SED 358 Advanced Braille: Methods and Materials for Teaching Braille (2) A review of the research related to braille, including exploration of current methods and materials for braille instruction and testing at various age levels, and design of teacher-made materials. A Practicum with blind students is included. All braille skills will be reviewed. Prerequisite: SED 352.

SED 375 Introduction to Behavior Disorders (2) In this course, the student will examine the theories, classification system, characteristics, historical data and resources related to the education of the behavior disordered student.

SED 376 Introduction to Learning Disabilities (2) In this course, the student will examine the theories, classification system, characteristics, historical data and resources related to the education of the learning disabled.

SED 377 Introduction to Mentally Handicapped (2) In this course, the student will examine the theories, classification system, characteristics, historical data and resources related to the education of the mentally handicapped.

SED 378 Introduction to the Education of the Visually Handicapped Child (2) Introduction to educational programs, services and resources for blind and partially sighted children, exploration of historical background, literature, philosophy, sociology and psychological aspects of blindness.

ENGLISH

Faculty: Canale (Chairperson), Feely, Fields, Sakahara, Schwab, Zumbrunnen

Program Description

English Department courses are an integral part of the liberal arts curriculum—the core of all undergraduate degrees at Lindenwood. The objectives are to increase students' understanding of themselves, to develop their communica-

tion skills, to expand their cultural awareness, and to provide the subject matter base for a variety of career choices. As part of the liberal arts program, such studies are important to a student's ability to adapt to a constantly changing world.

Career Opportunities

An English major gives students the critical communication and cultural knowledge basic to success in all professions—a sound preparation for the "information society." English is the basic study for professional writers of all kinds, including technical writers and magazine writers. It provides the knowledge for entry into industrial writing, the publishing industry, public relations, advertising, and journalism. Combined with a professional major in Business, Communication, Computer Science, or Psychology, English is the ideal minor or double major for those who seek management positions in business, the health industry, or the new communication industries, all of which demand superior reading, writing, and thinking skills. Combined with an Education major, an emphasis in English prepares students for teacher certification in the public schools. It is a potential background for law, research, library science, and the ministry.

Activities

Student activities include the Griffin Society, an organization open to all students who are interested in literature and creative expression. *The Griffin* magazine is a publication of the Griffin Society and provides opportunities for students to gain practical experience in editing and publishing in addition to opportunities to publish their own work. Visiting writers, readings of student work, and field trips are also part of the activity of the Griffin Society and the English Department.

The Spahmer Award for creative writing is presented each spring to the student or students whose work in poetry, fiction, drama, or the essay is judged the best for that year. The contest is open to all full-time students above the freshman class level. Richard C. Spahmer, formerly dramatic critic for the *St. Louis Globe-Democrat* established the fund for this award by bequest in 1946.

The English Department Colloquies are informal get-togethers with faculty and students from departments throughout the college. Speakers from different fields offer brief presentations on related topics. These are followed by discussion. The meetings occur through the school year and are designed to encourage an open exchange of ideas.

**Requirements for the Major in English**

Thirty-three to 36 semester hours in English exclusive of ENG 101, 102 and ENG 201, 202 are required for a major in English. For students who wish to include English in a double major, the minimum semester hour requirement may be lowered to 24. Semester hours beyond the maximum of 36 are accepted if they are counted beyond the 120 hours required for graduation. To assure a strong foundation in the English language and literature and in the critical approaches to literature, the following seven courses, or their equivalents, must be included in the selections for the major:

- ENG 204 History of the English Language
- ENG 205, 206 English Literature to 1660 and from 1660 to 1900
- ENG 235, 236 American Literature I, II
- ENG 333 or 334 Shakespeare to 1600 or from 1600 to 1642
- ENG 354 Criticism

Students majoring in English must take 12 hours of a foreign language or the equivalent, as determined by the Foreign Language faculty. Beyond these requirements, courses should be selected in accordance with the student's individual objectives. Faculty advisors will assist in directing the student's program.

Requirements for the Minor in English

The English Department has developed English minors which may be used to strengthen undergraduate majors in various fields. An English minor broadens students' cultural awareness and improves analytical and communication skills, enhancing opportunities for acceptance into the job market and graduate study. The Department also offers a minor in Comparative Literature. The minor is comprised of 18 to 21 hours in English exclusive of ENG 101, 102 and ENG 201, 202. The advice of a member of the English faculty in planning the minor is recommended. The Department suggests the following variations of the English minor.

The General Minor

- ENG 204 History of English Language (3)
- ENG 235 or 236 American Literature I or II (3)
- ENG 205 or 206 English Literature I or II or ENG 333 or 334 Shakespeare I or II (3)

- Selection from the following: (9-12 hours)
- ENG 350 Myth and Civilization (3)
- ENG 356 Epic and Tragedy (3)
- Electives

The Minor with a Major in Business

- ENG 204 History of English Language (3)
- ENG 211 Writers Workshop (3)
- ENG 235 or 236 American Literature I or II (3)
- ENG 334 Shakespeare II (3)
- ENG 378 Literature of Developing Countries (3)
- Electives (3-6)

The Minor with a Major in Sociology

- ENG 204 History of English Language (3)
- ENG 232 American Writer/American Scene (3)
- ENG 333 or 334 Shakespeare I or II (3)
- ENG 350 Myth and Civilization (3)
- ENG 372 Modern Grammar (3)
- Electives (3-6 hours)

The Minor with a Major in Art History

- ENG 204 History of English Language (3)
- ENG 333 Shakespeare I (3)
- ENG 339 The Bible as Literature (3)
- ENG 350 Myth and Civilization (3)
- ENG 354 Criticism (3)
- Electives (3-6 hours)

The Minor with a Major in Mass Communication

- ENG 204 History of English Language (3)
- ENG 235 or 236 American Literature I or II (3)
- ENG 333 or 334 Shakespeare I or II (3)
- ENG 372 Modern Grammar (3)

- Electives from the following: (6-9)
- ENG 302 Bibliography and Methods (3)
- ENG 316 Comedy: Its Origin and Development (3)
- ENG 350 Myth and Civilization (3)
- ENG 356 Epic and Tragedy: The Hero and the City (3)
- ENG 378 Literature of Developing Countries (3)
- Other courses with consent of English advisor

The Minor with a Major in Performing Arts

- ENG 204 History of the English Language (3)
- ENG 232 or 235 or 236 American Writer/American Scene or American Literature I or II (3)
- ENG 333 or 334 Shakespeare and English Drama to 1600 or from 1600-1642 (3)
- ENG 354 Criticism (3)
- ENG 356 Epic and Tragedy: The Hero and the City (3)

- Electives from the following: (3-6)
- ENG 205 or 206 English Literature to 1660 or from 1660-1900 (3)
- ENG 316 Comedy: Its Origins and Development (3)

The Minor with a Major in Foreign Language

- ENG 204 History of the English Language (3)
- ENG 232 or 235 or 236 American Writer/American Scene or American Literature I or II (3)
- ENG 333 or 334 Shakespeare and English Drama to 1600 or from 1600-1642 (3)
- ENG 354 Criticism (3)
- ENG 378 Literature of Developing Countries (3)
- Electives (3-6)

The Minor with a Major in Psychology

- ENG 204 History of the English Language (3)
- ENG 232 American Writer/American Scene (3)
- ENG 334 Shakespeare and English Drama 1600-1642 (3)
- ENG 372 Modern Grammar (3)

- Electives from the following: (6-9 hours)
- ENG 206 English Literature from 1660-1900 (3)
- ENG 309 The English Novel (3)
- ENG 310 Twentieth Century Novel (3)
- ENG 345 Folklore and Fable: The Telling of Tales (3)
- ENG 350 Myth and Civilization (3)
- ENG 351 Twentieth Century Poetry (3)
- ENG 356 Epic and Tragedy: The Hero and the City (3)

The Minor with a Major in Science

- ENG 204 History of the English Language (3)
- ENG 232 American Writer/American Scene (3)
- ENG 333 or 334 Shakespeare and English Drama to 1600 or from 1600-1642 (3)
- ENG 339 The Bible as Literature (3)

- Electives from the following: (6-9 hours)
- ENG 206 English Literature 1660-1900 (3)
- ENG 211 Writer's Workshop (3)
- ENG 310 Twentieth Century Novel (3)
- ENG 372 Modern Grammar (3)

The Minor in Comparative Literature

The Comparative Literature minor includes study of a variety of national literatures. With advice from their major department and from the English department, students can develop an individual program of study in which they relate the material considered in these courses with their other studies. Students must have a reading knowledge in one language other than English. Proficiency will be determined either by completion of the intermediate-level language courses or by examination.

- Electives from the following: (15-18)

- ENG 302 Bibliography and Methods of Research (3)
 ENG 316 Comedy: Its Origins and Development (3)
 ENG 340 Folklore and Fable: The Telling of Tales (3)
 ENG 350 Myth and Civilization (3)
 ENG 354 Criticism (3)
 ENG 356 Epic and Tragedy: The Hero and The City (3)
 ENG 378 Literature of Developing Countries (3)

Other courses of selected literature in other languages than English, read in the original.

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. (General Education course)

ENG 102 English Composition II (3) Continuation of ENG 101 with special attention to the development 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. (General Education course) Three sections with different emphases are available as follows:

English Composition II-A: In addition to the general content indicated above, the writing assignments will be related to the subject areas anticipated in college study and the focus will be on developing clear, direct style in expository prose.

English Composition II-B: In addition to the general content indicated above, students may follow their creative interests in writing fiction, drama, or poetry for a major part of their writing requirement in the course. The research paper will be an inquiry into some aspect of imaginative literature. Permission of the instructor is required for admission.

English Composition II-C: This is a Special Topics section which will be taught by a faculty member from a discipline other than literature. In addition to the general content indicated above, the course will treat material related to a selected topic which will be published in advance of registration.

ENG 201 World Literature and Ideas I (3) A study of ideas that have shaped civilizations, Western and non-Western, with emphasis on the literature of various cultures and periods. The first semester of the sequence deals with Far and Near Eastern cultures and Western culture from Ancient Egypt through the Middle Ages. Works will be read in English translation. Lectures and discussions interpret literature and consider religious and philosophical thought in terms of contrasting as well as universal themes and values. Student written work consists of both critical and creative writing. Prerequisites: ENG 102, HIS 100 or concurrent enrollment. (General Education course)

ENG 202 World Literature and Ideas II (3) A continuation of ENG 201, dealing with the Renaissance to the present in the West plus, and in relation to, African and Native American cultures. Prerequisites: ENG 102, HIS 100 or concurrent enrollment. (General Education course)

ENG 204 History of the English Language (3) Required for the English major and for Teacher Education students certifying in English. Introduction to the study of the English language. The phonology, history, and grammar of English are studied in the context of cultural, social, and political history with attention also to current linguistic theory.

ENG 205 English Literature to 1660 (3) Required for the English major. A study of English poetry and prose from the Anglo-Saxon period through the Age of Milton. Selected representative readings are studied in terms of the cultural changes and literary conventions which constitute English literary history.

ENG 206 English Literature 1660 to 1900 (3) Required for the English major. A continuation of English 205 covering the Restoration, Augustan and Late Eighteenth Century, Romantic and Victorian periods of English literary history. The works of major writers are studied in terms of each writer's own critical statements or in terms of the particular school or movement to which the works belong.

ENG 211 Writer's Workshop (3) A studio course in writing. Students who wish to pursue individual creative interests or who wish to work toward some kind of professional writing career will meet with an instructor who will serve as critic and as moderator for general discussion on the effectiveness of student work. Students may repeat the workshop, but the repetitions must be under different instructors. Prerequisites: ENG 101, 102.

ENG 232 The American Writer and The American Scene (3) A study of two or more American writers within the context of the social and political period in which they lived.

ENG 235 American Literature I (3) Required for the English major. A study of American writing from the colonial frontier to 1890. Emphasis will be on the struggle of New World writers to develop distinctive American themes and characters arising from the conquest of a virgin continent.

ENG 236 American Literature II (3) Required for the English major. A study of late 19th and 20th century American novels, poetry, and drama. A continued exploration of distinctive American themes as reflected through an ever-changing and growing society.

ENG 271 The Detective Novel (3) The relationships between the "criminal" and the "victim," the detective and the criminal, the pursuer and the pursued. In the readings, students will study the concept of "criminality" as it is considered by societal norms, treating characters such as Dostoevsky's Raskolnikov and Porfiry, E. A. Poe's Dupin, Agatha Christie's Hercule Poirot, Friedrich Durrenmatt's Inspector Barlach, and George Simenon's Inspector Maigret.

ENG 291, 292, 293 Independent Study (1-3) A program of study in literature, linguistics, or criticism designed by the student under the direction of a member of the English faculty. Prerequisite: Sophomore standing or above.

ENG 302 Bibliography and Methods of Research (3) Introduces students to library reference material as well as to the skills of finding information regarding topics of individual interest and general knowledge. This will involve the use of various reference materials such as periodical indices, concordances, lexicons, specialized dictionaries, and national bibliographic catalogues. During the course, students should complete a bibliography in a selected area of their interest. Prerequisites: ENG 101, 102.

ENG 309 The English Novel (3) A study of selected novels from the eighteenth century to the early twentieth century with attention to the development of the novel as a literary form and to its importance in the culture of its historical period. Also included is an account of the fore-runners of the novel in the narrative tradition since the Homeric era.



ENG 310 Twentieth Century Novel (3) The novel in the twentieth century with an emphasis on American and British works. Consideration will be given to treatment of contemporary problems against a background of modern thought.

ENG 316 Comedy: Its Origin and Development (3) An investigation of the nature of laughter and the function of comedy in society. Lover or scoundrel, the comic hero is the "wise fool" upholding basic human values of mirth and pleasure in a society caught up in its own complacency. Papers and projects may deal with topics such as the Feast of Fools, Mardi Gras, clowns and jesters, vaudeville, and comedians of the silent film.

ENG 328 Literature and the Art of Love (3) A study of the idea of love as creativity in literature from Ovid to the present. The course includes writings in translation as well as works from each period of English literature.

ENG 333 Shakespeare and English Drama to 1600 (3) Either this course or ENG 334 is required for the English major. A study of English drama before 1600, with emphasis on the principal comedies and historical plays of William Shakespeare.

ENG 334 Shakespeare and English Drama 1600-1642 (3) Either this course or ENG 333 is required for the English major. A thorough study of the major tragedies and tragi-comedies of Shakespeare, together with selected plays by other Tudor and Stuart dramatists.

ENG 335 Modern Drama (3) A study of the developments in western theatre and drama from the origins of modern drama to the present.

ENG 337 Chaucer (3) A study of Chaucer's major poems, in the context of medieval philosophy, art and literature, with emphasis on *The Canterbury Tales*.

ENG 339 The Bible as Literature (3) A study of the Bible as literature and of its adaptation into English literature of the seventeenth century. Included will be works of Milton and Bunyan.

ENG 340/COM 340 Magazine Writing (3) Writing popular non-fiction articles for magazines with emphasis on targeting and selling articles to publications. Prerequisite: Permission of the instructor.

ENG 345 Folklore and Fables: The Telling of Tales (3) A cross-cultural course dealing with the art of storytelling and with the role of the storyteller in society. Readings will include parables and fairy tales, selections from epics, selected tales from *1001 Arabian Nights*, from Boccaccio and Chaucer, and Lewis Carroll's *Alice's Adventures Underground*.

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 348 Anti-Theatre in Earlier Twentieth Century Drama (3) A study of the Avant-Garde, Surrealist, Epic and Absurd theatre movements in terms of their plays, their various manifestos, and their aesthetic relationships to the cultures of Western Europe and America in the first half of the twentieth century. The class will read, discuss and write analyses of plays by authors ranging from Jarry, Cocteau and Artaud to Ionesco, Beckett, Genet and Albee.

ENG 350 Myth and Civilization (3) An introduction to the myths that have been understood as origins of western civilization and culture. Readings will include tales of creation and myths concerning the origins of organized society. The readings provide information and understanding about the functioning of myth as it survives in the present.

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 American Lives: Autobiography (3) A study of autobiographical literature written by a broad spectrum of Americans. The philosophies, values, defeats, triumphs and destinies of the writers as Americans will be considered.

ENG 376 Popular Culture (3) A study of the history of popular tastes in literature, art, and the electronic mass media, with emphasis on methods of analyzing their popular appeal. Readings will include the dime novel adventures of Buffalo Bill, Davy Crockett, and Horatio Alger, as well as such best sellers as *Little Women* and *Gone With The Wind*. Popular film and situation television comedy will also be explored.

ENG 378 Literature of Developing Countries (3) Contemporary literature of developing countries in Asia, Africa, Central and South America. The literature will be a focal point for revealing third-world values, problems, and assertions of identity.

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/HUM 389 Classicism and its English Romantic Tradition (3) An off-campus, special term course. A study of ancient Greek art, architecture, and literature in terms of the idea of the classical, and of the adaptation of that idea in the form and content of selected works by such English writers as Chaucer, Milton, Pope, Arnold,

and Joyce. Involves travel in Greece with stays of some length at Heraklion, Nauplion, Olympia, Delphi, and Athens.

ENG/HUM 390 The Discarded Universe (3) An off-campus, special term course. A study of Medieval and Renaissance art, architecture, and literature as they reflect and synthesize the pre-Copernican views common to all knowledge in those periods. The principal objective of the course is to obtain a sensibly accurate historical perspective for the understanding and appreciation of Medieval and Renaissance art, literature and music. The class will travel together, with stays of some length in Paris, Venice, Ravenna, Florence, and Rome.

ENG 391, 392, 393 Independent Study (1, 2, or 3 hours) A program of study in literature, linguistics, or criticism designed by the student under the direction of a member of the English faculty. Prerequisite: Junior Standing or above.

ENGLISH AS A SECOND LANGUAGE

Faculty: Sakahara (International Student Coordinator), W. Swift

Program Description

International students are warmly welcomed at Lindenwood, where they play an active role in academic and social life. They bring an important global perspective to the campus and, in turn, fully share in the American campus experience. Students participate in activities of the International Club, such as dinners, visits with American families, and field trips to St. Louis and other cities.

Course Scheduling and Placement

All International students, regardless of their TOEFL scores, must undergo additional testing on campus to assure appropriate placement. Internationals may take a full academic load if they have achieved a 500 TOEFL. Students with TOEFL scores between 450-500 must take the advanced ESL workshop. Qualified advanced students may also take selected academic courses concurrently with ESL with permission from the International Student Coordinator and the Dean of Faculty.

Courses of Study

ESL 393 Advanced English Workshop, American English (3) This course is designed to provide international students with the language skills necessary for successful college or university work. Emphasis is placed on discussion and listening skills as well as upon vocabulary building, advanced grammar, reading speed and comprehension. Students will develop their ability to analyze college-level readings and to take notes. They will also practice writing a variety of paragraphs and short compositions.

ESL 394 Advanced English Workshop, Research Techniques (3) A continuation of ESL 393, this course provides training for the international student in developing oral and written projects. It emphasizes the use of the library, standard bibliographies and other reference materials, with special attention to language problems unique to the ESL student.

EVENING COLLEGE

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FASHION MARKETING

Faculty: Moore (Director), Ammann

Program Description

The Fashion Marketing Program offers students the opportunity to prepare for careers with retail and wholesale organizations in buying, merchandising, fashion coordination, advertising, publicity, sales, or marketing. A key part of the preparation includes an industry work-study internship during the junior or senior year.

The program director maintains active contact with retail and wholesale businesses. Industry experience is recommended for all Fashion Marketing majors. The program director often assists students in obtaining part-time employment in positions relating to their major areas of interest. Although employment is not guaranteed, jobs generally are available in the St. Louis metropolitan retail community. Probationary students are not eligible for this assistance in part-time job placement by the program director. Often these part-time jobs develop into internships. Every effort is made by the program director to mold the internships to the students' specific areas of interest in retailing or fashion.

Executives from the fashion retail community will give special lectures and conduct seminars, which are occasionally mandatory for the students. These include workshops in conveying a professional business image and marketing yourself.

Program Options

A student may choose one of two ways to complete 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. The faculty advisor will assist in planning a program which will include the required Fashion Marketing curriculum.

Academic Standards: A student must maintain a "C" average to continue in the program. A student who receives a grade lower than "C" in any course in the Fashion Marketing core must repeat that course and receive a grade of "C" or better.

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

Business and related courses: BA 200, BA 201, BA 211, BA 212, BA 240, BA 320, BA 330, BA 331, BA 350, BA 360, and SS 310.

Fashion Marketing courses: BFM 171, BFM 173, BFM 272, BFM 274, BFM 276, BFM 371, BFM 372, BFM 373, plus 2 electives in Fashion Marketing.

Requirements for the Major in Fashion Marketing and Fashion Art

All Fashion Marketing courses as required for the BA in Business Administration with a concentration in Fashion Marketing.

Art Courses: ART 106, ART 108, ART 136, ART 181, ART 218, ART 219, ART 300, ART 330 (6), ART 381, and one elective in Art History.

Business Courses: BA 240 and BA 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 History of Fashion (3) Explores dress in the historical periods from biblical to the third quarter of the twentieth century; the relationship of dress to its era and other art forms; developments leading to the modern fashion industry.

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 also will give the student insight into 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

Faculty: Perrone (Chairperson), Pion, Tarnowski

Career Opportunities

Students planning to teach foreign languages or to serve as translator or interpreter are advised to pursue graduate work in the language.

Opportunities for a variety of careers exist for the undergraduate student who combines a foreign language major with a major in another field. Some of these careers or occupations include: positions in international business or commerce, technical and engineering positions overseas, banking and financial positions abroad and at home, secretarial and clerical positions overseas and in the United States, civil service positions (the Federal Government is the largest employer of individuals with foreign language skills, both in the United States and abroad), film, publishing, science, health services, social work, social sciences, religious occupations, travel and tourism, hotels and motels, transportation industries, art, music, and the legal profession.

Facilities and Activities

The department has available audio-visual equipment for instructional assistance and library holdings which support the major. Extracurricular activities include a Modern Language Club, cultural excursions in the St. Louis area, and chapters of Pi Delta Phi and Sigma Delta Pi, national honorary societies in French and Spanish.

French or Spanish

Requirements for the Major in French or Spanish

1. A minimum of 24 credit hours beyond the intermediate level, or equivalent.
2. At least 3 credit hours in Conversation and Composition.
3. At least 3 credit hours in the culture and civilization of the country or countries where the language is spoken.
4. At least 18 credit hours in literature given in the foreign language.
5. A modern language major who intends to engage in graduate work or to teach a foreign language may take up to 12 hours in another Foreign Language in addition to the above courses.
6. The department strongly recommends some formal study in a country where the foreign language is spoken, preferably for a year, but at least one term.

Requirements for the Minor in French or Spanish

The Foreign Language minor in French or Spanish is designed to complement any major field of specialization offered by Lindenwood. It provides the student with the acquisition of a language skill beyond the basic level, as well as a deeper understanding and knowledge of the culture and literature of France, Spain, and Hispanic America. With close cooperation between the student's major department and the Foreign Languages Department, the student will be advised in developing a program that is compatible with his or her major field of concentration.

The Foreign Language minor consists of at least 24 semester hours, or 12 hours beyond the Intermediate level, including courses in Conversation and Composition, Culture and Civilization, and Advanced Literature courses in French and Spanish.

Students can place out of the Elementary and Intermediate level language courses if proficiency can be demonstrated by taking college-level language proficiency exams administered by the Foreign Language Department.

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.

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 selections. 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 II (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 life 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 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-Columbian 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. Prerequisite: FLS 311.

GEOGRAPHY

This course in Geography is administered by the History Department.

GEO 201 World Regional Geography (3) A survey of the major areas of the world divided along political boundaries, with emphasis on the impact of the physical environment on

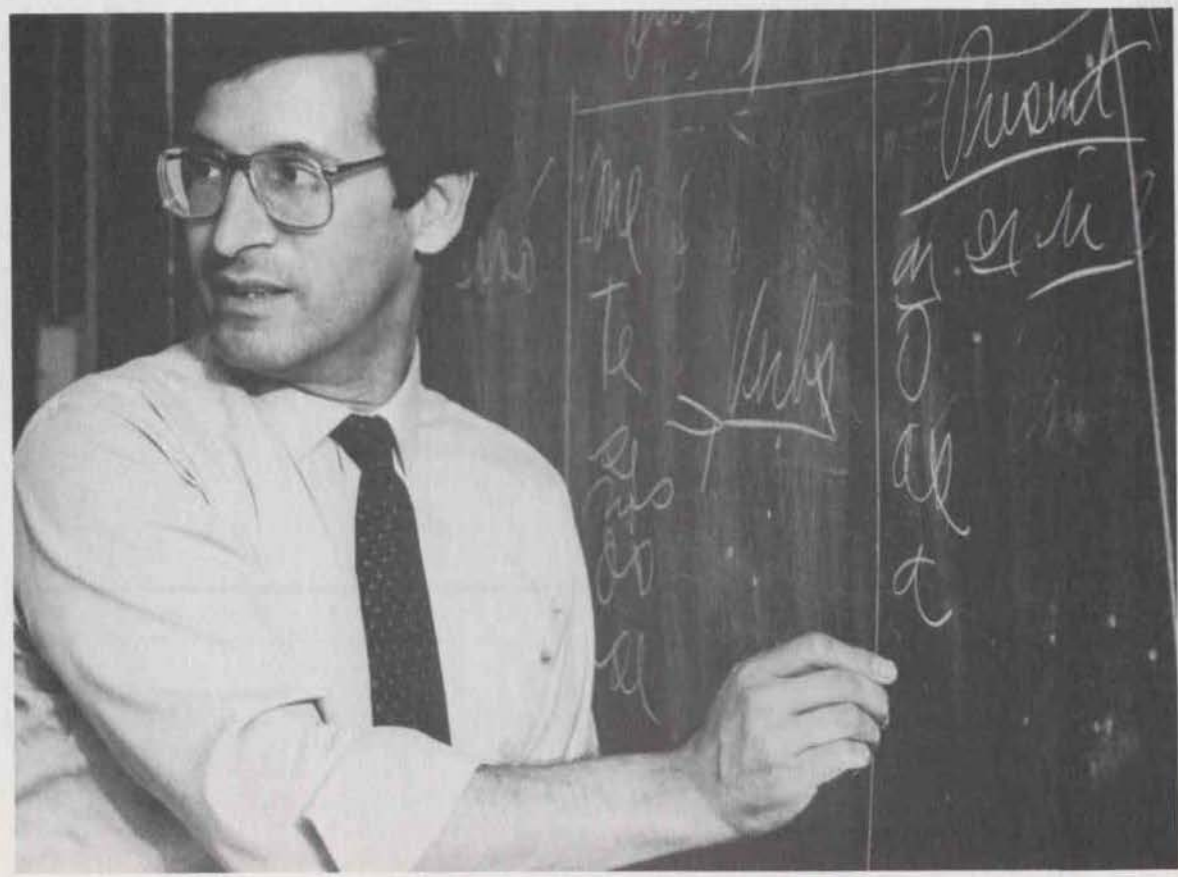
man. In particular, the course stresses the problems of population, food supply, resources, and economic disparities among nations.

HISTORY/ POLITICAL SCIENCE

Faculty: Balog (Chairperson), Hood, Keck, Wier

Career Opportunities

Majors in History or Political Science offer a wide liberal arts background that will be useful in careers in business or the helping professions. Both offer opportunities to enter graduate or professional schools. Either or both together



make a particularly appropriate background for students interested in law or diplomacy or in business careers with corporations that have overseas interests.

History

Requirements for the Major in History

The requirements for a major in History are 30 to 42 hours in the Department of History including a minimum of 9

hours in American History and 9 hours in European History, HIS 100 and HIS 105 or 106. Requirements also include 6 to 12 hours in the Social Science division, including BA 210 and PS 155. Students who are contemplating graduate work in History are urged to take Social Science Statistics.

Requirements for the Minor in History

The requirements for a minor in History are 18 to 21 hours, including HIS 100 and HIS 105 or 106.

Political Science

Requirements for the Major in Political Science

The requirements for the major in Political Science include 30 to 42 hours in Political Science and 6 to 9 hours in other Social Science departments approved by the History/Political Science Department. The major must include two courses in Comparative Politics, and two courses in Political Theory.

Requirements for the Minor in Political Science

The requirements for a minor in Political Science are 18 to 21 hours, including PS 155 American National Government, a minimum of 3 hours in Comparative Government, 3 hours in Political Theory, and at least 9 hours of electives.

Courses of Study

History

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. (General Education course)

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. (General Education course options)

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 century. 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 and Culture of Asia I, II (3) (3) A two-semester survey course focusing on South, East, and Southeast Asia. The first semester will explore the prehistory, languages, history, and culture of South Asia and China up to the modern period. The second semester will focus on the prehistory, languages, history, and culture of Japan and Southeast Asia.

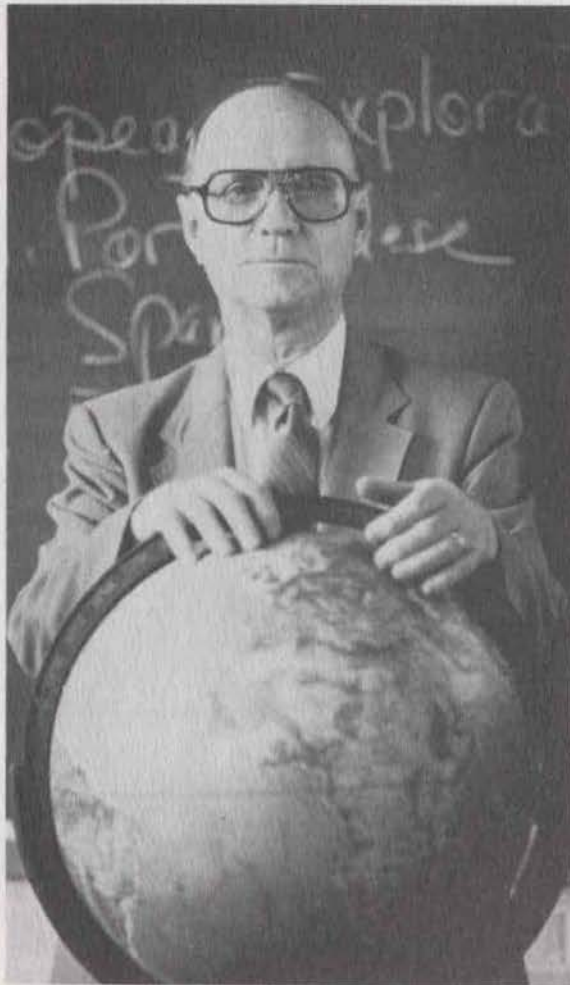
HIS 211, 212 History of Russia I, II (3) (3) Two-semester survey of Russian history from the 9th century to the present. The first semester examines early attempts to consolidate, culminating in the absolutism of Peter the Great and the development of Imperial Russia through Catherine the Great. The 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.

HIS 223 The Ancient World (3) The growth of the early civilizations of the Near East and the Mediterranean, and the Celtic and Germanic cultures in Europe, down to the 4th century.

HIS 224 Europe in the Middle Ages (3) Europe from the decline of Rome to the Renaissance. The course examines the interweaving of classical, Christian, and Germanic elements to form Western Civilization with all its characteristic cultural, economic, and social forms.

HIS 251 America as a World Power (3) Study of the emergence of the United States as a major power in the world from the Spanish American War to the present. The course examines the motives behind America's entrance on the diplomatic scene, participation in world-wide conflict, and eventual assumption of world leadership.

HIS 255 The South in American History (3) Study of the colonial beginnings and expansion of southern life. Major themes are the growth of slavery, establishment of a staple agriculture, the "southern way of life", agrarian





politics, relations with other sections, and industrial growth.

HIS 310 The Era of the Civil War and Reconstruction (3) An examination of the sectional conflict from the end of the Mexican War in 1848 to the end of Reconstruction in 1877. Political, military, and social developments are emphasized including the long-range impact of the disruption of the Union. Prerequisite: HIS 105

HIS 314 American Economic History (3) Economic life and institutions in the United States from colonial days. Economic growth, state and private authority in relation to economic activity, monetary and banking history, trade and commerce, industrial development, labor problems, transportation, land and agricultural policy. Prerequisite: one course in U.S. history or economics.

HIS 315, 316 American Thought and Culture (3) (3) A two-semester survey of the intellectual development of the United States from colony to present. The first semester considers the major themes of early America, their origins, and how they were shaped by the new American environment. The second semester begins with the Civil War and analyzes the major religious, scientific, and literary developments and their impact on American ideas and institutions. Prerequisite: HIS 105 or 106 or consent of instructor

HIS 320 Recent United States (3) The development of the United States from the Great Depression of the 1930's to the present. The course examines the problems of world leadership, changing political alignments, shifting social patterns, emerging minorities, and the concept of the welfare state. Prerequisite: HIS 106.

HIS 325 Europe During the Renaissance and Reformation (3) The transition period of Europe from Medieval to Modern times from 1300 to 1648. The course will explore the development of urban and national structures, the rise of large-scale capitalistic enterprise, changing social institutions, and the religious revolution of the 16th century. Prerequisite: HIS 100.

HIS 331 Classic Europe: The Old Regime (3) Europe in the 17th and 18th centuries: the development of classic social, economic, and religious institutions, the development of national monarchies, mercantilism, and the Enlightenment. Prerequisite: HIS 100.

HIS 332 French Revolution and Napoleon (3) Europe in the age of the French Revolution and Napoleon, 1700-1815. The focus is on the causes and course of the French Revolution and the Napoleonic period, but the history of Europe outside France is also considered. Prerequisite: HIS 100.

HIS 333 Europe 1815-1914 (3) Europe under the impact of social, industrial, urban, and political change from 1815 to the First World War. Prerequisite: HIS 100.

HIS 334 Twentieth-Century Europe (3) European History from the beginning of World War I to the present. Topics will include: World War I, the changing economic and social patterns of the interwar-years, including the rise of fascism, World War II, and the recovery of Europe into the 1980s.

Graduate Courses

HIS 520 The United States Since the Depression (3) An examination of the major interpretations of the significant events in United States history since the Great Depression. There are four segments: (1) Franklin Roosevelt and the New Deal; (2) Neutrality and War, 1932-45; (3) The Cold War, 1943-76, (4) Domestic issues since 1945.

Political Science

PS 155 American National Government (3) A survey of the structures, principles, and decision-making processes of the institutions of American national government, with selected studies of particular policy areas. (General Education course option)

PS 206 American State and Local Politics (3) An examination of the sources, structures, and expressions of political power at the sub-national level in the United States; the effectiveness of state and city governments as policy-making units; major problems posed by urban and suburban development; various approaches to studies of community political leadership.

PS 211, 212 Comparative Politics (3) (3) Survey and analysis of selected European, Soviet, and East European political systems. The first semester ordinarily examines the institutions, decision-making structures, and selected areas of policy implementation of Great Britain, France, and West Germany. The second semester examines the Soviet Union and selected East European political systems.

PS 221 Classical Political Theory (3) Analysis of political philosophers and theorists from Plato to St. Thomas Aquinas and their effect upon Western political theory and thought.

PS 222 Modern Political Theory (3) Analysis of major political philosophers and theorists from the Renaissance to the 19th century. Survey includes Machiavelli, Luther, Hobbes, theorists of the English Civil War, Locke, Rousseau, Hegel, and Mill.



PS 225 Political Policy (3) An examination of selected case studies and issue areas analyzing the structures, processes, and consequences of policy making by public institutions and organizations. Focus on state, national, or legal decision-making bodies will be at the option of the instructor.

PS 240 Asian Politics (3) A survey of the development of the modern Japanese and Chinese state. Emphasis is placed on the Twentieth Century development of both state systems; China since the 1911 and 1948 Revolutions to Post-Mao, and Japan from the end of the Meiji regime to present with emphasis on the post-1945 period.

PS 250 International Relations (3) Examination of major topics in contemporary international politics and institutions. Survey and analysis of the 19th and 20th century alliance systems; U.S. and U.S.S.R. foreign policies; the structures and policies of major international organizations such as the United Nations, European Economic Community, and survey of Third World, North-South relations.

PS 260 Politics of Developing Areas (3) A survey of nation states of Africa and Latin America; the roles played by traditional and emerging elites, the military, and mass party movements in modernizing the political systems.

PS 282 Twentieth-Century Political Ideologies (3) Study of ideologies which have had major political impact on the 20th century, such as Communism, Fascism, Nazism, and Democracy.

PS 296 Topics in Political Science (3) Content to be specified in each offering. Generally for current affairs or special problems

PS 300 The American Presidency (3) Analysis of the development of the institution, powers, and functions of the Presidency in the American political and electoral process. Prerequisite: PS 155 or consent of instructor.

PS 305 Constitutional Law (3) The development of the American constitution through analysis of major Supreme Court cases. Prerequisite: PS 155 or consent of instructor.

PS 325 Congress and Policy-Making (3) Organization, procedures, and structures of decision-making in the United States Congress, including extra-Congressional

influences on policy-making; Examination of the various techniques of legislative analysis. Prerequisite: PS 155 or consent of instructor.

PS 330 Marxism (3) An introduction to the political thought of Marx and a survey of Marxist-Leninist theory and selected post World War II neo-marxists. Prerequisite: consent of instructor.

PS 335 Political Parties, Public Opinion, and Voting Behavior (3) Organization, functions, and development of American political parties; activities and influence of interest groups on party structure and policies; analysis of major concepts of opinion formation, voter motivation, and behavior. Prerequisite: PS 155 or consent of instructor.

HUMANITIES

Program Description

Although there is no Humanities major, the following courses are offered as part of the Humanities Division curriculum.

Courses of Study

HUM 210 Introduction to the Humanities (3) A chronological survey of the creative and intellectual expressions of world cultures from ancient to modern times. The course includes readings from literature, lectures and discussions on the visual arts and music, viewing and listening periods, and lectures and discussions on the ideas of the various cultures being studied. Art, English, and Music Faculty. (Not offered after 1987-88 academic year.)

HUM 211 Women in the Arts (3) A study of the significant contribution of women artists and writers to our cultural heritage. Particular emphasis will be placed on works created by women in the nineteenth and twentieth centuries with an examination of the question of women's points of view as expressed through content, form, and style.

HUM/ENG 389 Classicism and Its English Romantic Tradition (3) An off-campus course. A study of ancient Greek art, architecture, and literature in terms of the idea of the classical, and of the adaptation of that idea in the form and content of selected works by such English writers as Chaucer, Milton,

Pope, Arnold, and Joyce. Involves travel in Greece with stays of some length at Heraklion, Nauplion, Olympus, Delphi, and Athens.

HUM/ENG 390 The Discarded Universe (3) An off-campus course. A study of Medieval and Renaissance art and architecture as they reflect and synthesize the pre-Copernican views common to all knowledge in those periods. The principal objective of the course is to obtain a sensibly accurate historical perspective for the understanding and appreciation of Medieval and Renaissance art, literature, and music. The class will travel together, with stays of some length in London, Paris, Venice, Ravenna, Florence, and Rome.

INTERNATIONAL STUDIES

Program Description

The purpose of this baccalaureate degree program is to provide students who have a strong interest in international affairs with a coherent program of study that will prepare them for advanced study and career opportunities in the field. Career opportunities include work with U.S. foreign service agencies, international organizations, and businesses with large international sections. Students interested in this major should contact the Dean of Faculty.

Requirements for the Major in International Studies

The major in International Studies includes the completion of all general education and graduation requirements. Some of these requirements may be met with courses which make up the major. In addition, the major includes a minimum of 12 credit hours in a foreign language and the following core courses:

BA 212 Principles of Political Economy (Macro) (3)
 BA 414 Comparative Economic Systems and Development (3)
 GEO 201 World Regional Geography (3)
 PS 250 International Relations (3)
 REL 200 World Religions (3)
 ANT 112 Cultural Anthropology (3)
 INT 400 Senior Tutorial (3)

The Senior Tutorial will involve specialized research by each student in a chosen subject of interest in international affairs. The student will be required to write a ma-



for paper for review and evaluation by selected members of the program faculty. Regular consultation between the student and his/her principal advisor is to take place throughout the tutorial.

In addition to the foreign language requirement and the 21 semester hours of core courses, the student taking the major in International Studies is required to complete a minimum of 12 semester hours of elective course work within the subject-area from a broad list of approved courses in Business, History, Literature, Political Science and other subjects.

Students taking the major in International Studies are encouraged to consider spending a portion of their junior year of study in a foreign country related to their respective interests. A large variety of program opportunities is available through other institutions of higher education, and Lindenwood traditionally offers several courses abroad during special terms. Student internships with public and private organizations that have an international operations component also may be available.

LEGAL STUDIES

Legal Studies is an interdisciplinary minor which can complement majors in many areas, particularly Business Administration, Communications, Political Science, or Sociology. It is not intended to serve as a particular preparation for law school. This program can strengthen the student's grasp of his/her major subject area and better prepare a student for the work place or graduate school.

The minor consists of a core requirement of 9 hours, a second tier of courses from which 6 hours should be selected, and a third tier from which another 6 hours should come.

First Tier-Core Courses: (9 hours required)

- PHL 260 Philosophy of Law (3)
- PS 305 Constitutional Law (3)
- SOC 230 The Sociology of Law (3)

Second Tier: (6 hours required)

- PS 221, 222 Classical/Modern Political Theory (3) (3)
- PS 296 Topics in Political Science (3)
- PS 325 Congress and Policy-Making (3)
- SOC 322 Deviance and Social Control (3)

Third Tier: (6 hours required)

- BA 360 Business Law I (3)
- BA 361 Business Law II (3)
- COM 401 Mass Communications Law (3)
- SOC 340 Current Topics in Sociology or Anthropology (3)

LINDENWOOD COLLEGE FOR INDIVIDUALIZED EDUCATION

See Page 73

MATHEMATICS AND COMPUTER SCIENCE

Faculty: Soda (Chairperson), Dooley (Coordinator of Computer Science), Hasting, Nichols, Huesemann (Emeritus)

Program Description

Two majors are offered in this department, one in Mathematics and the other in Computer Science.

Facilities

The Mathematics and Computer Science Department has a dedicated Digital Equipment Corporation PDP-11/44 minicomputer, running the UNIX™ operating system. All the computer science courses are taught using the PDP-11. There are 8 student terminals available, located in Young Hall. In addition, students have access to the department's four Apple II microcomputers, 4 IBM personal computers, and the College's DEC VAX-11/750 running the VMS operating system. Students in the Computer Science I and II courses learn and use the Berkeley Pascal language, while most upper level students do their programming in the C programming language. The Fortran 77, Lisp, and Macro-11 programming languages are also available, as are the INGRES and Oracle relational database systems.

Mathematics

Requirements for the Major in Mathematics

- MTH 171, 172, 303 Calculus I, II, III (12)
- MTH 315 Linear Algebra I (3)
- MTH 301 Differential Equations (3)
- CSC 101, 102 Computer Science I, II (6)
- MTH 321 Discrete Mathematics (3)
- PHY 301, 302 General Physics I, II (8)
- 3 Mathematics electives at the 300 level (9)

Requirements for the Minor in Mathematics

- MTH 171, 172 Calculus I, II (8)
- MTH 315 Linear Algebra I (3)
- CSC 101 Computer Science I (3)
- 2 Mathematics electives at the 300 level (6)

Computer Science

Requirements for the Major in Computer Science

A major in Computer Science requires 24 semester hours in Computer Science and 14 semester hours in related Mathematics courses. The program generally follows the Association for Computing Machinery (ACM) Curriculum '78 Guidelines for Undergraduate Programs in Computer Science.

- CSC 101, 102 Computer Science I, II (6)
- CSC 303 Computer Systems (3)
- CSC 304 Computer Architecture (3)
- CSC 305 Principles of Database Systems (3)
- CSC 406 Operating Systems (3)
- CSC 407 Data Structures and Algorithms (3)
- CSC 408 Organization of Programming Languages (3)
- MTH 106 Basic Statistics (3)
- MTH 171, 172 Calculus I, II (8)
- MTH 321 Discrete Mathematics (3)

Requirements for the Minor in Computer Science

The minor in Computer Science requires 18 semester hours of Computer Science and one related mathematics course. This minor will be a useful complement to a wide variety of majors, including Biology, Chemistry, Mathematics, Business Administration, English, Art and Mass Communications.

- CSC 101, 102 Computer Science I, II (6)
- CSC 303 Computer Systems (3)
- CSC 304 Computer Architecture (3)
- CSC 305 Principles of Database Systems (3)
- One 400-level Computer Science course (3)
- MTH 321 Discrete Mathematics (3)

60 Courses of Study

Mathematics

MTH 102 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. Prerequisites: One year of high school algebra.

MTH 104 Trigonometry and Elementary Functions (3) The basic elements of trigonometry and trigonometric functions will be studied, as a preparation for calculus. Prerequisite: MTH 102.



MTH 106 Basic Statistics (3) An introduction to the theory and application of statistics, including probability, descriptive statistics, random variables, expected values, distribution functions, and hypothesis testing.

MTH 111 Concepts in Mathematics (3) An introduction to the basic language and concepts of mathematics which emphasizes axioms, logic and proof. Topics include sets, number systems, informal and formal logic, the nature of proof, functions and relations, mathematical induction. (General Education course)

MTH 140 The Development of Mathematics (3) This course considers the development and cultural role of important mathematical ideas. Topics included are the evolution of the concept of number, the development of calculus, the science of space, euclidean and non-euclidean geometry.

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 104.

MTH/CSC 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 111, 172, CSC 102.

MTH 301 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. Prerequisite: MTH 172. Recommended: MTH 303.

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 305, 306 Analysis I, II (3) (3) A rigorous study of real functions of one and several variables. This course will focus on reexamining calculus, and proving the basic theorems and then extending the basic ideas of convergence. Topics include theoretical review of calculus, convergence in normed vector spaces, Stone-Weierstrass theorem, approximation, Fourier Series. Prerequisites: MTH 111, 172, 315.

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 111.

MTH 320 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 111. Recommended: 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 111. Recommended: MTH 172.

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 111, 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, 301, 315.

Computer Science

CSC 101 Computer Science I (3) 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 (3) 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™ 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 111, 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 the 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 the DEC PDP-11, VAX-11, IBM 370 Series, Hewlett Packard HP3000, Intel 8086 and Motorola 68000. 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, MTH 111.

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 matching, goal reduction, constraint exploitation, depth-first and breadth-first search, problem solving, expert systems, and logic programming. Prerequisites: CSC 102, MTH 111.

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/VMS. There is a laboratory component to the course. 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 106.

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 102 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.

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 160 Microcomputers in the Laboratory (3) This course provides the background necessary for the noncomputer scientist/teacher to incorporate microcomputers into the laboratory setting. To accomplish this, each participant builds and learns to program a microcomputer. This computer remains the property of the student. Hands-on experience in connecting apparatus to the computer is provided. Applications include data logging, timing, process control, automated data collection, image transfer to the computer, and analog to digital conversion. Prerequisite: Consent of instructor. Lab fee includes the cost of the computer.

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.

PERFORMING ARTS

Faculty: Alkofer (Chairperson), Bittner, Hillmar, Juncker, Mills, Weiler

Program Description

The Department of Performing Arts is composed of the program in Music and the program in Theatre Arts, including dance. Recognizing the similarities in talent, personal discipline, creative expression and cultural heritage of these arts, the programs work closely in developing curricular materials and integrated performances such as the popular holiday Madrigal Dinners and Mainstage and musical theatre productions.

Additional performance opportunities for students in music include vocal ensembles, student concerts and recitals, and an orchestra sponsored by the Lindenwood branch of CASA (the St. Louis Conservatory and School for the Arts). Theatre students also perform in the Mainstage Theatre season, the Studio Theatre season, and in various dramatic productions developed by the department in conjunction with special grants, other college departments, such as Education, and with community cultural organizations such as the St. Louis Science Center.

Performance facilities include the 400 seat Mainstage Jelkyl Center for the Performing Arts, the Downstage Studio Theatre developed and funded by the department's graduate theatre students, a spacious Tudor style ballroom, and historic Sibley Chapel, used for choral, organ and instrumental recitals and concerts. Curricular production and rehearsal facilities include audio-visual classrooms, dance studio, acting studio, scenic and costume shops, piano classroom, choral music library and practice rooms.

The greater St. Louis Metropolitan area provides the performing arts student with unlimited opportunities for artistic enrichment through attendance at performances of the many professional resident and road companies or individual touring artists in theatre, music and dance, including the world-famous St. Louis Symphony and award-winning Repertory Theatre of St. Louis.

The department offers majors in music, theatre arts and the inter-disciplinary major in performing arts. All degree candidates must fulfill the specific major emphasis requirements of the department as well as the general education requirements of the college.

Co-curricular requirements of ensemble participation, audition, and production responsibilities are detailed by the advisor and department chair.

Music

Requirements for the Major in Music

Junior and senior recitals are required of all performance majors and are optional for all other music students. Students wishing to be certified in public school music must perform regularly in student recitals.

All music education majors must pass a piano proficiency exam which consists of the following:

- All major and minor (harmonic, melodic, and pure) scales, played two octaves. All major, minor, diminished and dominant seventh chord arpeggios.
- A composition by Bach from memory (such as a two-part invention); a movement from a Classical or Romantic composition (such as Clementi, *Sonatina*, or Schumann, *Album for the Young*); a short twentieth-century composition (such as by Bartok or Kabalevsky).
- Sight read a hymn chosen by the music faculty.
- Put chordal accompaniment to a simple folk song.

Students should expect to complete this exam by the end of the sophomore year.

Requirements for the Major in Performance Music

Requirements for the major in Performance Music total 58 hours and include the following:

- MUS 110, 111 or 112 Ensembles (4)
- MUS 131, 132, 231, 232 Music Theory I, II and Advanced Music Theory I, II (16)
- MUS 165 Introduction to Music Literature (3)
- MUS 350 Form and Analysis (3)
- MUS 355, 356 History of Music I, II (6)
- Literature of Major Instrument (6)
- Applied Major (16), including MUS 305, 405, Junior and Senior recitals.
- Applied Minor (4)

Requirements for the Major in Music Education/Certification

Requirements for the major in Music Education/Certification total 55 hours and include the following:

- MUS 105, 106, 107, 108 Instrumental Techniques: Strings, Woodwinds, Brass, Percussion (4)
- MUS 110, 111, or 112 Ensembles (4)
- MUS 131, 132, 231, 232 Music Theory I, II and Advanced Music Theory I, II (16)

- MUS 165 Introduction to Music Literature (3)
- MUS 350 Form and Analysis (3)
- MUS 355, 356 History of Music I, II (6)
- MUS 360 Orchestration/Arranging (3)
- MUS 383 Introduction to Conducting (2)
- MUS 384 Conducting Studio (2)
- Applied Major (8)
- Applied Minor (4)

Requirements for the Minor in Music

Requirements for the minor in Music total 25 hours and include the following:

- MUS 165 Introduction to Music Literature (3)
- MUS 131, 132 Music Theory I, II (8)
- MUS 355, 356 History of Music I, II (6)
- Applied Music--includes private lessons, ensembles or both (8)

Performing Arts

Program Description

An interdisciplinary major including dance, music, and theatre.

Requirements for the Major in Performing Arts

- PA 130 Introduction to Music Theory (3)
- PA 201, 202 History of Performing Arts I, II (6)
- Applied music class in voice or piano (3)
- TA 101 Acting I (3)
- TA 140 Beginning Dance I (or higher level by audition) (3)
- TA 206 Script Analysis (3)
- TA 350 Theory and Composition of Dance (3)

27 to 36 hours of department electives, chosen in consultation with the student's advisor. The student may elect to continue an equal balance of the three disciplines or to concentrate up to 21 hours in a single discipline.

Theatre Arts

Requirements for a Major in Theatre Arts

- TA 100 Theatre Practicum (1) and/or TA 102 Performance Practicum (1-2) for a total of 3 hours
- TA 101 Acting I (3)



TA 111 & 112 Introduction to Technical Theatre I, II (6)
 TA 206 Script Analysis (3)
 TA 216 Stage Makeup (3)
 PA 201 & 202 History of Performing Arts I, II (6)
 27 to 36 hours in either Performance Emphasis or Design/Technical Emphasis:

Performance Emphasis

TA 201 Acting II (3)
 TA 306 Directing (3)
 3 hours from stage movement or dance.
 Design: 3 hours from department offerings or ART 208 or 236.
 15 to 24 hours of studio and advanced level departmental electives including 9 hours from TA 301, 302, 401, 402, 406.

Design/Technical Emphasis:

Theatre design/tech, 6 hours from TA 207, 208, 209, 211
 Art, 3 hours from ART 106, 208, or 236
 Theatre Performance, 3 hours from TA 201, 306 or any movement or dance class
 15 to 24 hours of studio and advanced level departmental electives including 9 hours from 307, 308, 309, 311, 407, 408, 409.
 The department highly recommends that all Theatre Design majors have a minor in Studio Art.

All Theatre majors must include in their advanced level Theatre or free elective English courses 6 hours of dramatic literature.

Requirements for a Minor in Theatre Arts

TA 101 Acting I (3)
 PA 201 or 202 History of Performing Arts I or II (3)
 TA 111 or 112 Introduction to Technical Theatre I or II (3)
 TA 206 Script Analysis (3)

and 12 hours of Theatre electives.

Courses of Study

Music

MUS 101, 201, 301, 401 Piano (1-2) Private Lessons

MUS 102, 202, 302, 402 Organ (1-2) Private Lessons

MUS 103, 203, 303, 403 Voice (1-2) Private Lessons

MUS 104, 204, 304, 404 Instrument (1-2) Private Lessons

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

MUS 111 Madrigal (Fall)/Show Choir (Spring) (1) (1) Open to all students by audition.

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 120/PHY 120 Acoustics and the Sound of Music (3) An examination of the science of acoustics as applied to musical sound, i.e., the physiological reception of sound, the acoustical properties of environment, and the acoustical behavior of musical instruments. No prior knowledge of physics will be required; however, some background in music will be helpful.

MUS 130/PA 130 Introduction to Music Theory (3) Fundamentals of harmony, sight-singing, and dictation. No music majors will receive credit for MUS 130 if they fail to meet the proficiency requirements for Music Theory 131.

MUS 131, 132 Music Theory I, II (4) (4) With Lab. Develop skills of harmony, sight singing, and ear training. Prerequisite: MUS 130, or equivalent proficiency.

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. (General Education course option)

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 (4) (4) 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 250 Introduction to the Opera (3) Designed for the serious listener rather than the performer, this introductory course assumes no previous musical training, but will proceed, in non-technical language, through lectures, reading, and guided listening, to introduce the student to representative operatic masterpieces from the Baroque, Classical, Romantic, and Modern periods.

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 300 Piano Pedagogy Workshop (3) Practical application of techniques studied in MUS 200 Piano Pedagogy under supervision of the Music Department. Prerequisites: MUS 200; completion of or concurrent enrollment in MUS 231 or concurrent enrollment in MUS 401.

MUS 305 Junior Recital (1)

MUS 320T, 321T Piano Literature (3) (3) A study of the solo piano compositions of major composers from the Baroque period to the present. Standard works chosen from the concert repertoire receive an analytical and stylistic study. Use of the keyboard and extensive listening assignments are integral to the course. Prerequisite: Consent of instructor.

MUS 340T Vocal Pedagogy (3) Teaching methods and materials for use in private and group vocal instruction. Approaches to acquiring musical skills and understanding. Supervised teaching experience. Prerequisite: Consent of instructor.

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.

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.

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, 391 Counterpoint I 16th Century, Counterpoint II 18th Century (3) (3)

MUS 405 Senior Recital (1)

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

Performing Arts

PA 130/MUS 130 Introduction to Music Theory (3) Fundamentals of harmony, sight-singing, and dictation.

PA 201 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: ENG 102, HIS 100 or concurrent registration. (General Education course option)

PA 202 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: ENG 102, HIS 100 or concurrent registration. (General Education course option)

Theatre Arts

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 tutelage of the director. 1-2 credits depending on scope of role. No more than 4 total credits toward degree.

TA 105 Stage Movement (3) Basic nonverbal and physical explorations related to the development of the actor's body as a psychologically and physically responsive instrument. Areas to be covered include: body awareness skills, relaxation techniques, impulse work, spontaneous movement improvisation games to clarify finding objectives and playing actions, and the introduction of weight, time, and space elements in beginning characterization. Classwork will be occasionally videotaped to enhance student growth.

TA 108 Introduction to Theatre Design (3) An introduction to the processes of theatre design in set, costume, and lighting for the acting/directing or non-major student who wishes to understand the major concepts of theatre design.

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 Appreciation of Theatre (3) Understanding forms of drama, basic acting techniques, the relationship of performer to audience, technical theatre, and how to view a play. Primarily an observation and discussion course for persons interested in learning about theatre, rather than participating in it.

TA 140 Beginning Dance I (3) An introduction course in the theory and practice of dance. Exercises for the development of dance skills, movement awareness, and control.

TA 141 Beginning Dance II (3) Prerequisite: TA 140 or consent 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) This course deals with learning to relax and expanding the actor's voice potential. A series of relaxation exercises is used to help strengthen the voice. The student will study the mechanics of the voice and how it works, as well as safe use of the voice. Phonetics, Shakespeare, and scansion are studied in the class. This approach to voice is geared towards the actor's needs and problems. Prerequisites: TA 101 and consent of instructor.

TA 205 Stage Combat (3) Combat mime is the study of martial movement and illusionistic pantomime. Prerequisites: TA 105 and consent of instructor.

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 a 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.

TA 210 Stage Management (3) A course exploring the professional and educational requirements of the Stage Manager. The course will include practical application on the mainstage and studio as well as professional guest lecturers.

TA 211 Problems in Technical Theatre (3) Study and practice of theories and skills in set construction, scene painting, and lighting instrumentation. Prerequisite: TA 112 or permission of instructor.

TA 212 Stage Costuming (3) Study and practice of basic skills of construction, purchasing, fitting of stage costumes including pattern drafting, draping, alterations, and interpreting designer sketches. Prerequisite: TA 112 or permission of instructor.

TA 216 Stage Makeup (3) Study and practice in the art of theatrical makeups. Progress from straight to character makeup techniques.

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

TA 230 Observational Internship (3) Observe local theatre operation in the areas of Theatre Management, Stage Management, and Technical Theatre. Prerequisites: Acceptance into company and consent of the instructor.

TA 240, 241 Intermediate Dance I, II (3) (3) Intermediate dance exercises: modern, jazz, and ballet. A comprehensive and eclectic workshop. Prerequisite: Permission of instructor.

TA 293 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 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. Prerequisites: TA 201 and consent of instructor.

TA 302, 401, 402 Acting Studios II, III, IV (3) (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 303 Audition Studio (1-3) This studio class is designed to acquaint students with finding audition pieces and preparing them, cold readings, musical auditions, resumes and photos, as well as discussions helping students determine how to market themselves and other business of getting a job.

TA 304 Stage Voice II (3) Extended study of the use and preservation of the voice for acting and further use of phonetics in learning dialects and proper stage enunciation. Prerequisite: TA 204.

TA 306, 406 Directing, Advanced Directing (3) (3) A study of the theory of directing and practical application by staging a short piece, followed by the staging of a complete work of at least thirty minutes. Prerequisite: TA 206.

TA 307, 407 Set Design Studio 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 311 Advanced Problems in Technical Theatre (3) Continuation of TA 211 at advanced level with emphasis on sets and lighting used in actual performance. Prerequisite: TA 211.

TA 312 Advanced Stage Costuming (3) Advanced technical course in costume construction. Students learn the advanced techniques of pattern drafting, draping, millinery, and other construction skills. Prerequisite: TA 209.

TA 332 Special Studies in Theatre History (3) In-depth study of a particular period or country in theatre history. Prerequisites: PA 202 and consent of instructor.

TA 335 Modern Drama (3) Study of the developments in western theatre and drama from the origins of modern drama to the present. Prerequisites: PA 202 and consent of instructor.

TA 336 Survey of Dramatic Literature (3) This course is designed to develop a firm foundation in dramatic literature.

TA 340, 440 Dance Studio I, II (3) (3) A studio class for students interested in developing advanced skills in dance. Emphasis will be placed on developing personal artistic growth. Prerequisite: TA 240 or consent of instructor.

TA 350 Theory & Composition of Dance (3) In a performance setting, students study dance theory and fundamental skills in choreography. This analysis class combines actual dance techniques with basic performance theory. Prerequisite: TA 240 or consent 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 403 Studio in Acting Styles (1-3) Advanced acting concentrating on a specific style, period, or genre at decision of instructor. May be repeated with permission of department chairperson.

TA 410 Introduction to Arts Management (3) This survey course will introduce the various technical areas for which an Arts Manager is responsible. Specific attention will be given to accounting, public relations, and fund raising. Prerequisite: Junior standing or consent of instructor.

TA 430 Advanced Internship (3-9) The student works at a local theatre in the area of Theatre Management, Stage Management, or Technical Theatre. Prerequisites: Acceptance into the company, consent of instructor, and TA 230.

TA 432 Seminar in Theatre History (3) Special in-depth study of specific styles in drama, designed for the student who wishes to pursue graduate studies in this area. Prerequisite: Consent of instructor.

TA 493 Independent Study (3) Special study of a specific area of theatre as related to the student's special interests. Topic developed by student in consultation with advisor and supervising faculty member. May be repeated.

PHILOSOPHY AND RELIGION

Program Description

Courses in Philosophy and Religion are offered in the Humanities 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 101 Great Thinkers in the History of Philosophy (3) A study of several major philosophers each from a different historical epoch: for example, Classical Greece, the Middle Ages, the Enlightenment. A good understanding of the continuity of philosophical thought and its perennial problems should emerge as well as some of the distinctive methods and assumptions which are characteristic of different historical epochs.

PHL 200 Aesthetics (3) A survey of the Philosophies behind various approaches to such expressive media as music, painting, sculpture, film, poetry, and prose is combined with the study of some special problems in classical and current determinants of aesthetic values.

PHL 202 Logic (3) A study of the principles and techniques of analytical and logical thought and expression. The methods of inductive and deductive reasoning are examined as a foundation for exactness in thinking and precision in the use of terms and propositions. The investigation is pursued along both theoretical and practical lines with emphasis on development of problem-solving skills.

PHL 204 Contemporary Ethical Issues (3) A study of ethical argumentation as it pertains to a number of critical social and philosophical issues. The course deals with such issues as capital punishment, abortion, and euthanasia, not for the purpose of taking a stance, but for the purpose of acquainting students with the various bases for argumentation over the issues and developing students' capacities for philosophical analysis and discourse.

PHL 210 Medical Ethics (3) Modern medicine has given rise to deeply complex moral issues, including the physician-patient relation, confidentiality, informed consent and coercion, killing and letting die, abortion, birth defects, the right to health care, and allocation of scarce medical resources. This course investigates these issues by analyzing relevant essays written by philosophers, physicians, psychologists, psychiatrists, lawyers, theologians, and other social scientists.

PHL 250 American Philosophy (3) A survey of American Philosophy. The course will emphasize the development of pragmatism and naturalism from C. S. Peirce to the present. The contributions of Emerson and Thoreau to American thought will also be studied. A major goal of the course is to deepen students' understanding of American culture by studying the people who shaped American philosophical thought.

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 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 groupings, ecumenical movements, and church-state relations.



PHYSICS

Program Description

Courses in Physics are offered in the Natural Science and Mathematics Division. No Physics major is offered.

Courses of Study

PHY 120/MUS 120 Acoustics and the Sound of Music (3) An examination of the science of acoustics as applied to musical sound: the physiological reception of sound, the acoustical properties of environment, and the acoustical behavior of musical instruments. No prior knowledge of physics will be required; some background in music is helpful.

PHY 140 Light and Color (2) A description of the physical nature of light, color, color vision, and geometric optics with limited use of mathematics. This course is intended for the non-science students such as those interested in art, photography, stage lighting, television, fashion design, and psychology.

PHY 151, 152 Introductory Physics I, II (4, 4) An examination of the fundamental principles of mechanics, heat, sound, light, electricity, and magnetism, using algebra and the applications of these principles to the world about us. Includes a two-hour laboratory. Lab fee.

PHY 301, 302 General Physics I, II (4, 4) By the application of calculus to the definitions, the fundamental principles of physics are simplified. Topics covered in this course include mechanics, heat, sound, electricity, magnetism, light, and nuclear physics. Includes a two-hour laboratory. Lab fee. Prerequisite or concurrent registration: MTH 171 or equivalent.

POLITICAL SCIENCE

See History/Political Science

PSYCHOLOGY

Faculty: Evans (Chairperson), McMahon

Careers in Psychology

Surveys and job-availability studies indicate that the Bachelor's degree in Psychology represents one of the most flexible preparations for the job market. Many mental-health related and research-oriented positions are available to the holder of the B.A. degree in Psychology. However, majors are encouraged to consider alternatives in business and industry as well. Persons interested in personnel management careers should take the Human Resources Management emphasis within the Psychology major (see below).

Students who pursue graduate study and complete the Master of Science or Doctor of Philosophy degree will

have access to higher salaries and greater professional advancement. In all states, a person must have the master's or doctor's degree to be licensed for private practice as a psychologist.

Department Activities

All Lindenwood students interested in Psychology are invited to join the student-run Psychology Interest Group. This organization, which meets at least once a month, serves to supplement classroom learning and promote interaction and discussion among students, faculty, and guest speakers. In addition to sponsoring talks by mental-health professionals from the community, the group presents films on psychological topics, conducts field trips, and holds an end-of-year party.



Psychology

Requirements for the Major

The Bachelor of Arts degree is available in Psychology. The requirements for a major include 33 to 42 semester hours in Psychology. The courses required for Psychology majors include: SS 310, PSY 100, PSY 300, and PSY 432, and any two courses from the following list: PSY 234, 330, 324, 332, 335. It is also recommended that students who plan to pursue graduate study in psychology take as many additional courses from this list as their schedules permit. Graduate-school-bound students should discuss their plans with their faculty advisor no later than the second semester of their junior year.

Requirements for the Minor

Students wishing to minor in Psychology must complete PSY 100 and a minimum of 15 additional semester hours in Psychology. At least 9 of the 15 hours must be obtained from 300-level or 400-level Psychology courses.

Human Resources Management

Program Description

The Human Resources Management program is designed to prepare students for the growing and increasingly complex field of personnel management. It offers the Psychology major a specifically vocational preparation within a liberal arts framework.

Requirements for the Major

In addition to completing Lindenwood's all-college requirements, the student with a concentration in Human Resources Management is required to take: SS 310, BA 211, BA 212, PSY 100 or 101, 209 or 310, 300, 302, 324, 432, and a minimum of 15 credit hours in psychology electives. Business requirements include: BA 200, 201, 360, 350, 240, 330, 320, 332.

Courses of Study

PSY 100 Principles of Psychology (3) An introduction to behavioral science, focusing on the study of perceptual, learning, and motivational processes. The student will explore basic psychological concepts, methods, and findings leading to an understanding of human behavior. (General Education course option)

PSY 101 Interactive Psychology (3) An introductory study of the reciprocal relationships between personality and society. The emphasis is on understanding the dynamics of the interaction among personality dispositions, social behavior, and social-cultural influences. Group activities and demonstrations provide student-generated data to test and to expand the student's understanding of text materials.

PSY 201 Psychology of Adolescence (2) 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 202 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 203/SED 203 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 209 Conflict Management (2) An experiential approach to skill development in the following areas: managing conflict in the work situation, group problem-solving strategies, overcoming resistance to change, force-field analysis of conflict, open communication techniques, and participant management. This course is particularly appropriate for students interested in careers in business and personnel management. Not available to students who have taken PSY 310.

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 234 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 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 265 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.

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 (2) 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 310 Managerial 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 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 educational 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, or Stanford Binet. Prerequisites: 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 335 Topics in Biopsychology (2) Study of biological aspects of behavior, including neurophysiology, motivation, and memory. Prerequisite: PSY 100 or BIO 100.

PSY 340 Altered States of Consciousness (1) Research will be done in the area of hypnosis, meditation, and bio-feedback. 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.

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 a 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.

Graduate Course

PSY 524/EDU 524 Assessment of Intellectual Skills (3) Non-projective 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.

SOCIAL SCIENCE

Program Description

Students in a wide variety of disciplines are required or encouraged to take an interdisciplinary course in Social Science Statistics.

Course of Study

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 all scales of measurement, and parametric and nonparametric hypotheses-testing techniques. Prerequisite: MTH 106 or permission of the instructor.

SOCIOLOGY/ ANTHROPOLOGY

Faculty: Graber (Chairperson), Scupin

Career Opportunities

A major in Sociology provides the student with a broad liberal arts and sciences experience. In addition, it is an excellent preparation for entry into one of the helping professions: law, teaching, social work, health care, corrections, counseling, or work in developing Third World countries.

Requirements for the Major

A student shall take a minimum of 27 hours and a maximum of 42 hours within the department, including SOC 102, ANT 112, SOC 320, and SOC 325. SS 310 is strongly recommended for all majors. Students also should select several courses from Economics, History, Political Science, and Psychology.

Requirements for the Minor

A minor requires a minimum of 18 hours. For a minor in Anthropology, the student shall take ANT 112, 122, and SOC 320. For a minor in Sociology, the following courses are required: SOC 102, 215, and 320.

For either minor, the additional courses to total 18 hours should be chosen in consultation with department faculty.

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. (General Education course option)

SOC 103 Individual in Society (3) Analysis of relationships between social structure and personality; language and the development of symbols, socialization and the development of the social self; social roles, motivation and the effects of society upon the individual's social functioning.

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. (General Education course option)

ANT 122 Human Evolution: Biology and Culture (3) This course combines the fields of physical anthropology and archaeology. Evidence will be presented from these two fields in a study of the biological and cultural evolution of humanity.

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, Phillipines) 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 230 The Sociology of Law (3) Study of the legal system as a sub-unit of society. The effect of law on social change; the impact of societal attitudes and trends on the making of law in such areas as civil rights, abortion, use of controlled substances, and other areas of current legal change. The societal roles of legal actors: lawyers, police, judges, juries.

ANT 234 Islamic Societies and Modernization (3) An introduction to Islamic societies of the Near East, South, and Southeast Asia. The course will focus on the Islamic religious, political, economic, and social traditions. Both historical and contemporary trends in the Islamic world will be analyzed.

SOC 240 The Sociology of Sex Roles (3) Female and male are biological categories; femininity and masculinity are socially-defined roles. Cross-cultural variations in sex-role definitions; evolving historical trends; societal pressures to conformity; role of innovation; interaction between changing sex roles, and the genesis of social movements; ethnic, class, and life-cycle differences.

SOC 245 World Population Trends (3) An introduction to issues regarding population trends throughout the world. Methods of population research and the results of such research will be introduced. Variables which influence population change will be examined. Consequences of population changes on social institutions will be investigated.

ANT 317 Futures and Values in a Global Society (3) An examination of global demographic, technological, economic, social, religious, and ideological tendencies and their consequences for future trends.

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 322 Deviance and Social Control (3) Deviance is defined as behavior which violates social norms. Its social creation, functions, designation, and organization are studied, as well as its regulation and control by society. Prerequisite: SOC 102 or ANT 112.

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

ANT 322 Language and Culture (3) An exploration of the relationship between language and culture. Special areas to be emphasized include: comparisons of communications systems, historical linguistics, theories of origins, linguistic change, and the functions of language in the speech community. Prerequisite: Prior work in either Anthropology or Foreign Language.

SOC 325 Introduction to Social Research Methods (3) 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)



Evening Division

Program Description

Lindenwood College has served the St. Louis metropolitan area since 1827, changing as the needs of students have changed. The Lindenwood Evening College was established in 1972 to meet the request for part-time education for those unable to attend classes during the day. In 1975, the Lindenwood College for Individualized Education (LCIE) was created to provide an accelerated program of study which enables students to make progress toward an undergraduate or graduate degree without relinquishing career and family obligations. Together, the Evening College and the Lindenwood College for Individualized Education comprise the Evening Division.

Since its inception, the Evening Division has maintained a deep commitment to meet the intellectual and professional needs of adult learners. Using methods based on adult learning theory, the Lindenwood Evening College and the College for Individualized Education provide students with the techniques of scholarly inquiry. Through varied curricula and excellent teaching designed to meet a full range of adult student needs, the Lindenwood Evening Division realizes its mission within the College community.

Faculty

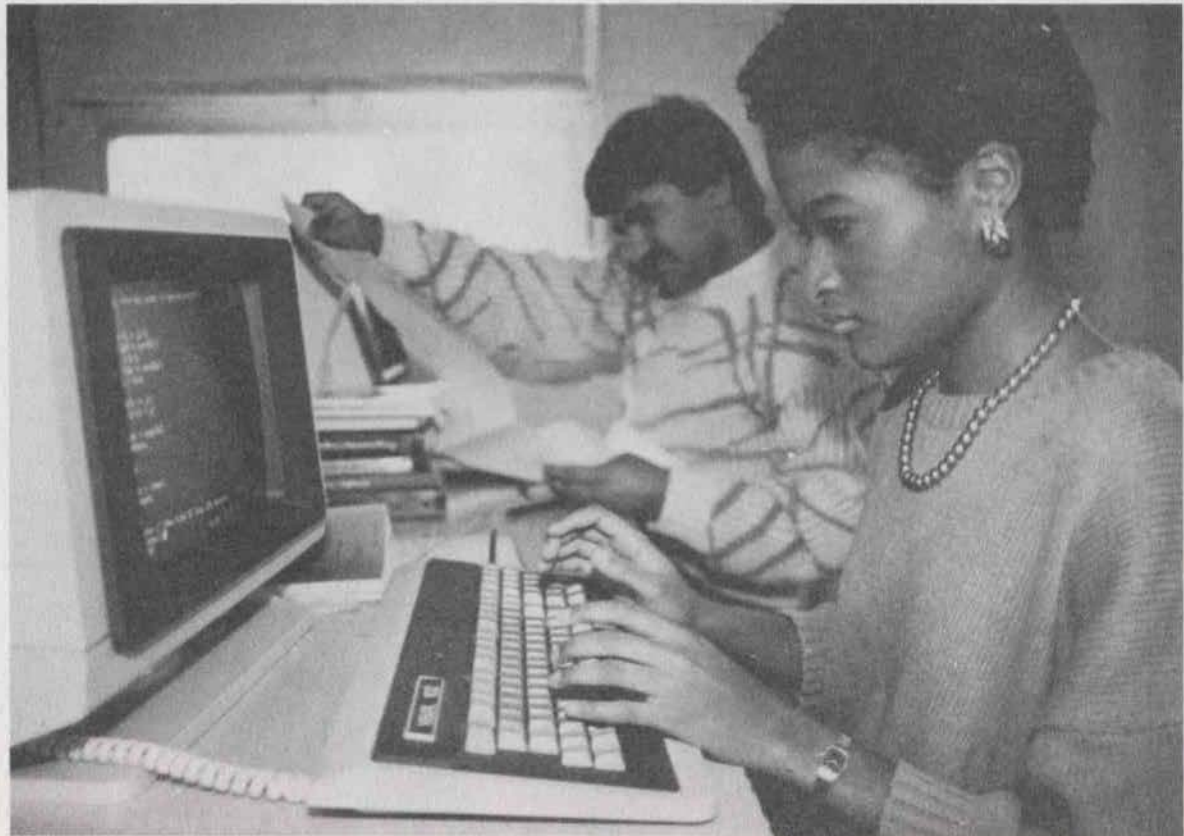
The faculty of the Evening Division includes members of the full-time faculty of the College and adjunct faculty who teach courses in their professional fields of practice. The faculty represents a rich blend of academic achievement and practical experience which is reflected in the curriculum and in classroom discourse. The full-time faculty are noted for their excellence in teaching and scholarly activity and their commitment to serve the educational needs of the adult student.

The adjunct faculty of the Evening Divisions reflect the wealth of professional talent and expertise in a large metropolitan area such as St. Louis. They are, for the most part, currently practicing their professions and are able to bring to the classroom experiences and examples which make abstractions and theory come alive. The list of adjunct instructors includes high-level corporate executives, counseling and health-practice specialists, and community service, government, and religious leaders.

Facilities

All of the undergraduate and graduate programs of the Evening Division are available on the main campus in St. Charles. The Lindenwood College for Individualized Education has a second major campus located in the Clayton area of St. Louis County. In addition, Evening Division programs are offered at various corporate sites in the St. Louis metropolitan area. Beyond the main campus, Evening College programs are offered in west St. Louis County at Westport and in downtown St. Louis at Mansion House Center.

The specific programs and special options of the two Evening Division programs are described below. In addition to the Evening College and LCIE, through which degree programs are offered, the Evening Division also provides non-credit programs. Through these programs, often offered in conjunction with specific professional associations and licensing agencies, it is possible to earn Continuing Education Units (CEUs). Details regarding non-credit programs are available in the Evening College/LCIE Office, 108 Roemer Hall.



Advanced Standing

Undergraduates may receive as much as three years (90 semester hours) in advanced standing credit. Such credit may derive from a combination of previous college course work, standardized proficiency examinations and/or college-equivalent Experiential Learning credits. Advanced standing for college work transferred from other institutions is granted only for courses taken at regionally-accredited colleges or universities in which a grade of "D" or better was earned (1.0 on a 4.0 scale). Lindenwood also accepts both the College Level Examination Program (CLEP) and DANTES scores for general examinations (with the exception of English Composition) and for specific area tests with the approval of the Dean of Evening and Corporate Programs.

In addition, adult students already enrolled in the Evening College or LCIE may gain advanced standing through satisfactory documentation of Experiential Learning. The Experiential Learning program awards credit for college-level knowledge acquired outside the traditional classroom. Lindenwood recognizes the value of knowledge gained through life experiences such as employment, military training, civic participation, and any other kind of human activity which lends itself to learning through experiences. The process of preparing documentation of experiential learning is described in the section on the Lindenwood College for Individualized Education.

EVENING COLLEGE

The Lindenwood Evening College provides the opportunity for part-time education leading to the bachelor and master degrees. Classes are offered in the evenings and on Saturdays. Programs offered through the Evening College include:

Undergraduate Degrees:

Bachelor of Arts in Theatre
 Bachelor of Arts in Business Administration
 Bachelor of Arts in Human and Organizational
 Development
 Bachelor of Arts in Education
 Bachelor of Arts in Communications
 Bachelor of Arts in Gerontology
 Bachelor of Arts in Health Management

Graduate Degrees:

Master of Business Administration
 Master of Arts in Education
 Master of Science in Education
 Master of Science in Administration
 Graduate Certificate in International Business
 Master of Arts in Theatre

Degree programs and requirements for undergraduate programs in the Evening College follow the same guidelines as those in the Day College. Therefore, major requirements and course descriptions may be found in the appropriate program listing in the Academic Course Offerings section of the catalog. Degree programs and requirements for graduate programs in the Evening College may be found in the Graduate Programs section of the catalog.



The College for Individualized Education

Program Description

The Lindenwood College for Individualized Education (LCIE) is an accelerated program which specializes in fulfilling the educational needs of adults. Many adults who might not pursue higher education in a traditional setting find LCIE's educational philosophy and flexible program an ideal learning environment in which to earn a degree or to pursue studies appropriate to personal learning goals. Emphasis is placed upon using community and academic resources to acquire both practical and theoretical knowledge.

LCIE degree requirements embody the essentials for professional preparation. It is the College's responsibility to provide the basic framework. We recognize, however, that adult learners come to LCIE programs with a wealth of experience and skills; they often have specific needs and demonstrate a variety of learning styles. Within courses designed to meet established academic criteria, LCIE provides significant flexibility. This approach permits students to take considerable responsibility for the design of their degree program.

Upon entry each student is assigned an advisor to help with program design. The student-advisor link remains critical throughout a student's career at Lindenwood and often extends beyond graduation. The LCIE learning experience involves selecting among many educational options. When students have completed their LCIE education, they find they have acquired skills in planning, organizing, and communicating, and an understanding of the use of resources—tools they can use in a continuing process of self-education long after they leave LCIE.

History

LCIE was established in 1975 by Lindenwood College. Committed to excellence, LCIE has acquired a national reputation for its successful approach to nontraditional education. It has been continuously accredited by the North Central Association of Colleges and Schools which cited LCIE as a model for other adult programs throughout the country.

The Students

LCIE enrolls approximately 400 students, most of whom

are employed full time. Many students are seeking degrees to continue their professional advancement or to make significant career changes through the acquisition of new skills. LCIE graduates constitute a strong network of people in leadership positions throughout the greater St. Louis metropolitan area.

The Faculty

LCIE has a core faculty of professional educators whose responsibilities include program development, teaching, advising, and evaluating learning. This core faculty is complemented by approximately fifty professionals practicing in a variety of fields who serve LCIE students as instructors, consultants, and evaluators. Their knowledge and expertise provides one of LCIE's richest resources.

The Cluster

Central to the theory and practice of adult education is the ideal of the synthesis of knowledge. LCIE seeks to achieve this through the construction of the cluster, in which two or three related subject areas are integrated into one seminar. The cluster provides students with an opportunity to explore basic subject areas beyond the confines of a single discipline.

Cluster groups are comprised of a faculty member and approximately eight students who meet weekly during an evening or weekend, for four to five hours. These cluster group meetings provide a collegial environment in which students present their work and share their learning. One objective of this format is the development of students' analytical and communication skills. Therefore, emphasis is placed upon written and oral presentation rather than upon exams.



Full-Time Accelerated Pace

The academic year at the Lindenwood College for Individualized Education consists of eleven week quarters. The LCIE student enrolls in one cluster per quarter earning 9 credit hours in most degree programs.

New students may be admitted at the beginning of each quarter, and they may pursue a full-time academic program by attending all four quarters during the year. In this manner, students make rapid progress toward degree completion while still fulfilling professional and personal responsibilities.

Individualized Study

LCIE is committed to the idea that people learn more effectively when their experience and goals converge. To this end, the College actively fosters the participation of students in the planning of their educational program.

The College for Individualized Education provides the opportunity to construct a curriculum that is responsive to each student's needs. Students are also expected to individualize their cluster group work through directed independent research.

Upon enrolling in LCIE, each student is assigned a Faculty Advisor who helps the student plan and coordinate a program of study from entry through degree completion. In addition to assisting students in the design of their programs of study, the Faculty Advisor acts as a mentor, provides a source of continuity to students' ongoing academic experience, and evaluates the overall quality of their work. In regularly scheduled conferences the Faculty Advisor monitors student progress by reviewing course work and by providing feedback on projects.

UNDERGRADUATE PROGRAMS

Program Description

All undergraduate students at Lindenwood College for Individualized Education are expected to develop their abilities to write, to read, and to speak clearly, correctly, and effectively, and to acquire mathematical, technical, or other skills that may be essential to their particular program of study. Students should develop their analytical skills and their ability to evaluate and to apply what they learn to practical and concrete situations.

Undergraduate programs offered to students by the Lindenwood College for Individualized Education include:

Business Administration	Human and Organizational
Communications	Development
Gerontology	Valuation Sciences
Health Management	

In addition, programs may be created to meet special interests. Past examples include Administration of Justice, Hospice Care, Humanities, Social Sciences, Public Relations, and Public Administration. Typically, each undergraduate degree program requires at least four quarters of study in the student's major area of concentration.

Academic Standards

Students in LCIE are expected to conform to the same academic standard expected of all Lindenwood College undergraduate students. Under this standard students must maintain at least a "C" (2.0) cumulative average to graduate. If a student falls below a 2.0 for any term the student will be placed on academic probation. Two successive terms of probation will lead to dismissal for academic deficiency.

Advanced Standing

Undergraduates may receive as much as three years (90 semester hours) of advanced standing credit from a combination of previous college course work, standardized college-level proficiency examinations, and/or college-equivalent Experiential Learning credits. Advanced standing for academic work completed at other institutions is granted only for courses taken at accredited colleges and universities in which a passing grade was earned. Lindenwood also accepts both College Level Examination Program (CLEP) and DANTES scores for general examinations (with the exception of English Composition) and for specific area tests with the approval of the Dean of Evening and Corporate Programs.

Credit for Learning from Life and Work Experience

Adult students already enrolled at Lindenwood may gain advanced standing through satisfactory documentation of Experiential Learning. The Experiential Learning program awards credit for college-level knowledge acquired outside the traditional classroom. Lindenwood recognizes that many adults, prior to entering college, have acquired knowledge equivalent to that found in a college curriculum. This knowledge may have been obtained through employment, the military, community participation, or any kind of human activity which lends itself to learning through experience. To obtain credit toward graduation, a portfolio or proper cer-

tification is required to demonstrate that the student has had college-level learning experiences.

Experiential Learning Credit Process

Lindenwood considers experience such as career-oriented skills and knowledge acquired on the job, participation in business seminars, experience in community affairs, self-developed training in particular fields, or non-credit college courses with academic content, as part of the many possibilities for Experiential Learning credit. Credit is not granted for non-college level learning or routine tasks, outdated or forgotten knowledge, or private experience. Limits for credit are also imposed on the acquisition of certain technical skills and specialties. In addition, credit is not given for learning that duplicates a college course already taken.

Students may request a maximum of 27 hours of credit through the Experiential Learning program. Amounts vary according to the time spent in particular activities and the nature of the learning experience. In their majors, students may satisfy some requirements through Experiential Learning credit. However, at least 20 semester hours of course work toward the major must be taken at Lindenwood College. Lindenwood College cannot guarantee how any other college might interpret transfer credit from the Experiential Learning Credit program.

A student wishing to participate in the Experiential Learning program must register in the LCIE Office for a series of workshops and meetings and pay a \$150 fee, to cover the assistance which may be needed in preparing the Experiential Learning portfolio. The application must be made and the portfolio begun before the student accumulates 50 semester hours of course credit. Transfer students entering with 50 semester hours of credit or more must apply for Experiential Learning credit by the end of their first term at Lindenwood. Students wishing to receive Experiential Learning credit in their majors must apply before taking courses in their major. When the student's claim has been evaluated and credit has been awarded, a \$40 per semester hour fee is charged, which must be paid before the beginning of the student's last year of study.

The Portfolio

The criterion for the award of Experiential Learning credit is knowledge accumulated, not time involved. Such knowledge is claimed by the preparation of a portfolio in which the student validates the experience with proof by certificate, diploma, syllabi, letters of testimony, and/or samples of work accomplished. These validations are accompanied



by a substantial essay describing the knowledge gained in the learning experience.

Experiential Learning Not Requiring A Portfolio

Certain learning experiences are sufficiently standardized as not to require the preparation of a portfolio. Rather, proof of certification or proficiency can be handled directly by the Experiential Learning Coordinator. Credits for these experiences may be accumulated on a limited basis in addition to portfolio claims. The following awards of credit are made upon presentation of proof of certification:

Graduates of Diploma Schools of Nursing (12)

Completion of an accredited course of Radiologic Technology (12)

Completion of an accredited course of Medical Laboratory Technicians (12)

Real Estate Sale License (3)

Real Estate Brokers License (3)

A Certified Legal Assistant (12)

A Certified Professional Secretary (12)
in selected business and economic areas

Military Experience: Students seeking an Experiential Learning award for military experience, formal courses in the military, or for proficiency in a military occupational specialty (MOS) must provide official military records. For military experience and formal courses, veterans should submit DD Form 214 ("Armed Forces of the United States Report of Transfer or Discharge") or a transcript of in-service training.

There are training courses offered by specific companies that are awarded credit for Experiential Learning. For a list of these companies and eligible courses, check with the Experiential Learning Coordinator.

The award of credit for life experience is a well-established principle in hundreds of colleges across the country. Lindenwood College has been awarding credit for experiential learning for over a decade. Our faculty and administrators have worked to create and maintain a program that meets the needs of students and the requirements of educators. The College and the program have the approval of the North Central Association of Colleges and Secondary Schools.

Requisite Study: General Education

General Education studies form the foundation on which the more concentrated and specialized studies in the major are based. They introduce the student to some of the key issues, concepts, and perspectives of the disciplines of humanities, social sciences, natural sciences and quantitative thought. General Education studies also are intended to help students develop their analytical, organizational, oral, writing, interpersonal, and research skills. LCIE clusters, transfer credits, or CLEP (College Level Examination Program) credit may be used to fulfill General Education requirements, which are specified in the following section.

GENERAL EDUCATION CURRICULUM

Requirements

I. Communications Cluster (9)

- ICM 101 Communications I (3)
- ICM 102 Communications II (3)
- ICM 113 Fundamentals of Speech (3)

II. Humanities Cluster (9)

- IEN 201 World Literature and Ideas I (3)
- IEN 202 World Literature and Ideas II (3)
- and
- IRT 210 Concepts in the Visual Arts (3)
- or
- IPA 201 History of Performing Arts I (3)
- or
- IPA 202 History of Performing Arts II (3)
- or
- IMU 165 Introduction to Music Literature (3)

III. Social Science Cluster (9)

- ISC 102 Basic Concepts of Sociology (3)
- IPS 155 American National Government (3)
- and
- IPY 100 Principles of Psychology (3)
- or
- IAT 112 Cultural Anthropology (3)
- or
- IBA 210 Principles of Political Economics (3)

IV. Mathematics Cluster (9)

- IMH 111 Concepts of Mathematics (3)
- IMH 106 Basic Statistics (3)
- IBA 240 Intro to Data Processing (3)

V. Natural Science Cluster (8)

- ICH 111 Concepts in Chemistry (4)
- IBI 112 Concepts in Biology I (4)

VI. Intercultural Cluster (9)

- IHS 100 A History of the Human Community (3)
- ICL 300 Focus on Modern Asia (6)
- or
- ICL 301 Focus on Modern Europe (6)

Courses of Study

Communications

ICM 101 Communications I (3) An intensive review of the English language and its use in college-level writing. Concepts include the mechanics of written discourse, sentence structure, paragraph development, and essay organization. Students use models from English prose and poetry for discussion and composition topics.

ICM 102 Communications II (3) A continuation of Communications I with special attention to skills involved in writing a major analytical research project, including how to gather and organize viable data. In addition, students learn how to communicate in small group settings. These concepts include problem-solving, leadership styles, and roles of a group member.

ICM 113 Fundamentals of Speech (3) See Com 113 in the Communications Department section of the catalog.

Humanities

IEN 201 World Literature and Ideas I (3) See ENG 201 in the English Department section of the catalog.

IEN 202 World Literature and Ideas II (3) See ENG 202 in the English Department section of the catalog.

IRT 210 Concepts in the Visual Arts (3) See ART 210 in the Art Department section of the catalog.

IPA 201 History of the Performing Arts I (3) See PA 202 in the Performing Arts Department section of the catalog.

IPA 202 History of Performing Arts II (3) See PA 202 in the Performing Arts Department section of the catalog.

IMU 165 Introduction to Music Literature (3) See MUS 165 in the Performing Arts Department section of the catalog.

Social Science

ISC 102 Basic Concepts of Sociology (3) See SOC 102 in the Sociology/Anthropology Department section of the catalog.

IPS 155 American National Government (3) See PS 155 in the History/Political Science Department section of the catalog.

IPY 100 Principles of Psychology (3) See PSY 100 in the Psychology Department section of the catalog.

IAT 112 Cultural Anthropology (3) See ANT 112 in the Sociology/Anthropology Department section of the catalog.

IBA 210 Survey of the Principles of Political Economics (3) See BA 210 in the Business Administration Department section of the catalog.

Mathematics

IMH 111 Concepts in Mathematics (3) See MTH 111 in the Mathematics and Computer Science Department section of the catalog.

IMH 106 Basic Statistics (3) See MTH 106 in the Mathematics and Computer Science Department section of the catalog.

IBA 240 Introduction to Data Processing (3) See BA 240 in the Business Administration Department section of the catalog.

Natural Science

ICH 111 Concepts in Chemistry (4) See CHM 111 in the Chemistry Department section of the catalog.

IBI 112 Concepts in Biology I (4) See BIO 112 in the Biology Department section of the catalog.

Intercultural

IHS 100 A History of the Human Community (3) See HIS 100 in the History/Political Science Department section of the catalog.

ICL 300 Focus on Modern Asia (6) See COL 300 in the All-College section of the catalog. In addition to the material specified is the course description of COL 300, additional

material covering a specific aspect of the culture of Modern Asia will be included.

ICL 310 Focus on Modern Europe (6) See COL 310 in the All-College section of the catalog. In addition to the material specified is the course description of COL 310, additional material covering a specific aspect of the culture of Modern Europe will be included.

Requisite Study: Major

Requirements vary, but at least 30 semester hours in the major area of concentration are necessary, 20 of which must be taken at Lindenwood College. In some majors such as Administration and Psychology, LCIE requires prescribed areas of study to be covered. In other majors, requirements are more flexible, and the program of study is developed by the student in consultation with the Faculty Advisor. Individualized studies are possible within virtually all LCIE clusters.

Graduation Requirements

In addition to completing the work necessary to qualify for a baccalaureate degree, the student must meet LCIE graduation requirements within the scope of the specific degree program designed with the help of the Faculty Advisor. The following are the overall requirements for graduation from LCIE with a baccalaureate degree:

1. Successful completion of at least 120 semester hours.
2. Demonstration of a satisfactory knowledge of English in oral and written forms, as evaluated by the Faculty Advisor and Faculty Sponsor each quarter.
3. Completion and approval of the Culminating Project.
4. Completion of at least 36 semester hours (four quarters) of study at Lindenwood College, of which at least 20 semester hours must be in the major area of concentration.
5. A minimum cumulative grade point average of 2.0 in all courses taken at Lindenwood College, as well as in the students' major area of concentration.

The Culminating Project

To graduate with a baccalaureate degree from Lindenwood College, all LCIE students must complete a culminating project, which is an integral part of the student's program and is equivalent to an extended paper or honors thesis. Under the supervision of the Faculty Advisor, the student will design

a culminating project and complete it during the last quarter of study in LCIE.

The culminating project is an opportunity for a student to synthesize his or her major areas of study and to demonstrate mastery of basic written and oral skills and concepts. The project may be a thesis, a demonstration, or a creative work. It may involve a combination of media. If the project is a film, video, computer program, etc., it must still include written analytical documentation.

The culminating project, designated on the student transcript as ICU 499, carries no academic credit and is graded Pass or Fail.

BACHELOR OF ARTS IN BUSINESS ADMINISTRATION

Program Description

The LCIE Business Administration degree educates managers of business and not-for-profit organizations. The program includes the curriculum content recommended by the American Assembly of Collegiate Schools of Business. Many students are employed in management or are making career changes. The intent of the program is to expand existing skills and to provide students with a strong liberal arts and professional business background.

All LCIE undergraduate degree programs contain core requirements in the liberal arts. This is particularly important to the manager because it provides the opportunity to develop cultural, human, and theoretical understandings essential for successful business interactions and effective community leadership.

Throughout their careers at LCIE, students gain practice in management techniques as they learn to write concise papers, make small group presentations, practice effective time management, and communicate with fellow student-professionals.

Core Curriculum (recommended sequence):**Quarter I:**

- IBA/IHM 330 Principles of Management (3)
- IBA/IHM 430 Management Policy (3)
- IBA/IHM 332 Management of Personnel Systems (3)

**Quarter II:**

- IBA/IHM 200 Principles of Accounting (3)
- IBA/IHM 308 Managerial Accounting (3)
- IBA/IHM 320 Principles of Finance (3)

Quarter III:

- IBA/IHM 350 Principles of Marketing (3)
- IBA/IHM 431 Production Management (3)
- IBA/IHM 453 Marketing Management & Planning (3)

Quarter IV:

- IBA/IHM 211 Principles of Political Economy (Micro) (3)
- IBA/IHM 212 Principles of Political Economy (Macro) (3)
- IBA/IHM 360 Business/Health Law (3)

Using elective studies or focused projects within the core cluster, students may choose to create an emphasis within the business administration degree in such areas as not-for-profit management, public relations, marketing, business communications, personnel management, or MIS/Data Processing. In addition to the required core courses, students may select electives in non-administration studies, communications, finance, advanced management, or marketing.

Courses of Study

Management

IBA/IHM 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 managerial value systems will be investigated.

IBA/IHM 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.

IBA/IHM 430 Management Policy (3) Development of the understanding of the top management views of organizations. Understanding the formulation and scope

of general policy to direct the activities of the organization, including methods of determining objectives, developing plans to achieve objectives, measurement of results, reappraisal of objectives, and ability to react to evolving situations

IBA/IHM 439 Special Topics in Management (1-3) An intensive study of a topic in Management.

Accounting/Finance

IBA/IHM 200 Principles of Accounting (3) A basic study of the financial aspects of asset resources including their nature, valuation, sources, and uses in operations; transaction analysis within the accounting information processing system and cycle, and income and financial position measurements and reporting.

IBA/IHM 308 Managerial Accounting (3) A course designed to provide students not concentrating in accounting with an understanding of the utilization of internal accounting data for management planning and decision making.

IBA/IHM 320 Principles of Finance (3) The fundamentals of financial management which include planning, budgeting and control, also external sources and methods of capital acquisition. A study of the evolution, functions, and practices of the many types of financial intermediaries with which the firm must interface.

IBA/IHM 429 Special Topics in Finance (1-3) An intensive study of a topic in Finance.

Marketing

IBA/IHM 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 organizations preparation, methods, and goals in presenting its goods and services in the market place. Emphasis is on the student gaining a working knowledge of the vocabulary, principles, and theory of marketing.

IBA/IHM 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 pro-

blems, inventory production and problems, and linear programming will be discussed.

IBA/IHM 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.

IBA/IHM 459 Special Topics in Marketing (1-3) An intensive study of a topic in Marketing.

Economics/Business Law

IBA/IHM 211 Principles of Political Economy (Micro) (3) The scope and method of economics. The market economy, demand, supply, and the price system. Market structures, distribution of income, current problems that can be investigated by micro-economic analysis. Prerequisite: Sophomore standing.

IBA/IHM 212 Principles of Political Economy (Macro) (3) National income measurement and determination; Consumption, investment and saving; the cyclical nature of economic activity; role of money and financial institutions, economic growth; international economic relationships.

IBA/IHM 360 Business/Health Law (3) An introduction to the sources of law and the judicial function, contracts, agency, and employment, partnerships, and corporations. Federal regulations of business/health, including insurance, sales, commercial papers, real and personal property, secured transactions, debtors' and creditors' rights.

IBA/IHM 469 Cases in Business/Health Law (1-3) A study of the application of the business/health law to a variety of cases.

BACHELOR OF ARTS IN COMMUNICATIONS

Program Description

Communications majors in LCIE pursue individualized

degrees, choosing from a broad range of offerings that are best suited to meet their interests and needs. In the major, 36 hours of credit are required (four clusters or their equivalent), including coursework designed to provide knowledge of the major social and historical trends of the communications field. In their individualized programs, students typically pursue one of four tracks of communications studies: a media track, a writing track, an organizational communication track, or a creative expression track. Specific courses are recommended for each track, for which students and their advisors plan individualized programs.

The development of oral, interpersonal, and written communication skills is stressed in every cluster. Good skills in these areas are essential to success in the communications field. Clusters are open to non-majors as well as to majors.

Typical Formats:

Media Track

Foundation Cluster (9)
Plus three clusters from:
Radio Studies (6)

Documentary Expression (9)
Journalism (9)
Video Production (9)

Writing Track

Foundations Cluster (9)
Plus three clusters from:
Journalism (9)
PR and Advertising (9)
Documentary Expression (9)
Creative Writing (9)
Video Production (9)

Organizational Communications Track

Foundations Cluster (9)
Fundamentals of Organizational Communication (9)
Plus two clusters from:
Journalism (9)
Public Relations & Advertising (9)
Documentary Expression (9)
Video Production (9)

Creative Expression Track

Foundations Cluster (9)
Plus three clusters from:
Creative Writing (9)
Journalism (9)
Video Production (9)
Visual Communications (9)
Photography (9)

Students majoring in Communications are expected to fulfill all General Education requirements, including statistics. In addition, a three-credit Evening College course in Communications Law (COM 401) is recommended for all majors.

Courses of Study

Core Curriculum:

Foundation Studies in Communications (required of all majors):

IMC 400 Historical Development and Trends in Communications (3) An overview of the communications field, including history, identification of the varied elements and practices that comprise that field, major trends, and current and future developments.

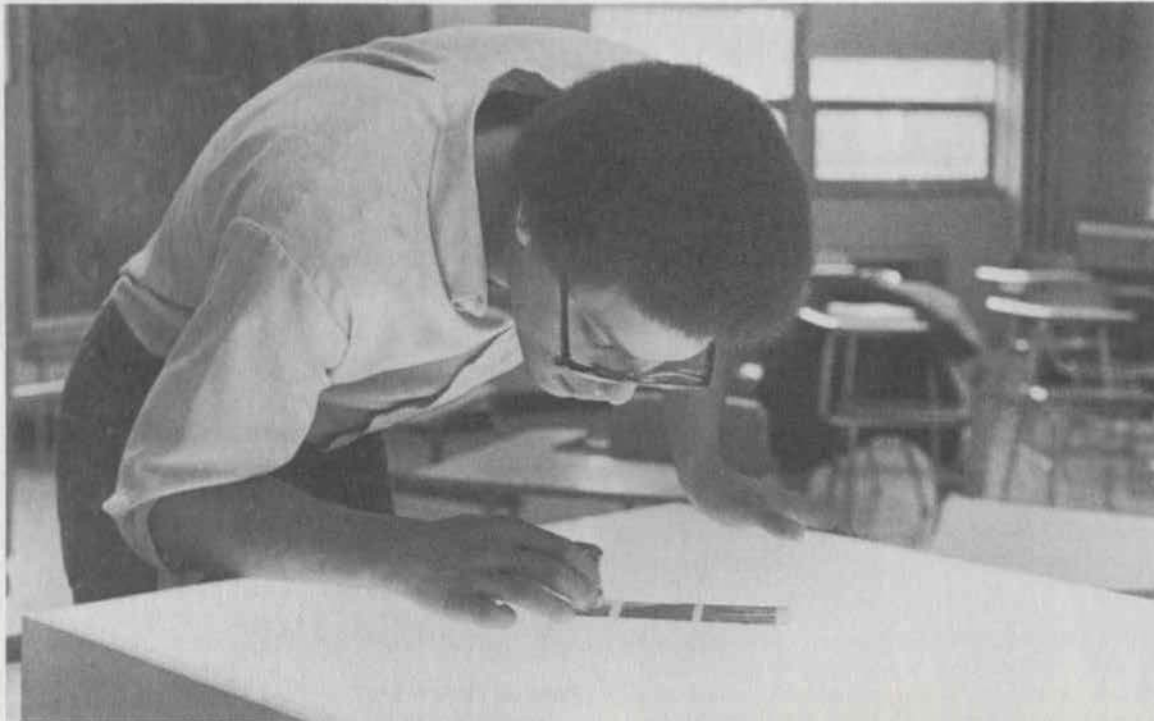
IMC 405 Media and Society (3) Readings and discussion of major issues involving media's impacts upon society. Includes attention to a variety of media.

IMC 406 Theories of Communications (3) Readings of work by major theorists in the communications field. Themes include image and attitude formation, and the impact of mass communications on interpersonal communication in contemporary society.

IMC 407 Individualized Study in Communications (1-3) Field trips to communications facilities, and individually developed projects.

Public Relations, Advertising, and Promotion

IMC 350 Principles of Advertising (3) Introduction to advertising practices, techniques, and strategies, including copywriting, media attributes and selection, media and marketing plans, advertising distribution, and budgeting.





IMC 389 Principles of Public Relations (3) Introduction to the field of public relations, including attention to internal as well as external publics, media releases, event planning, working with media, and financial reports.

IMC 390 Promotion Management (3) Introduction to promotional concepts and practices, how promotion, public relations, and advertising work together, how to develop a promotion schedule, and promotion's use in development.

IMC 392 Media (1-3) Media attributes and the coordinating of media plans in public relations, advertising, and promotion.

Journalism

IMC 360 History and Issues of Journalism (3) A basic study of social and historical development in print media with special attention to American and British newspapers and journals. Emphasis on the writings of important journalists, past and present, and their social impact.

IMC 361 Newswriting and Reporting (3) Concentration on newswriting and reporting techniques including the news story, editorial, investigative and feature story, and news and critical analysis. Extensive writing and news-gathering practice and analysis of various sources.

IMC 362 Newsletter (3) Features practice in make up, design, layout, and editing techniques for the small newsletter, especially structured for corporate, in-house, trade, and special interest journals. Group and individual projects encouraged.

IMC 363 Interviewing Skills (1) Training and practice in using the best features of interviewing, question formulation, note taking, and research techniques.

Documentary Expression

IMC 372 Documentary Film and Video (3) Defines documentary from its beginnings and traces its development in subject, techniques method, and impact on American and European society. Samples of both silent and sound film as well as recent video documentaries representing different approaches to subjects will be viewed throughout the course.

IMC 373 Photojournalism (3) The history of photojournalism from its inception in the 19th century to the

present. Features the study of important developments, techniques, and styles in the field from magazines to newspapers and the individual photographers responsible for those developments.

IMC 374 Documentary Journalism (3) Traces and development of documentary and investigative journalism from its origins to the present with concentration on various styles, methods, and subject matter of recent documentary books including informational journalism, propaganda, and new journalism.

IMC 375 Individualized Studies in Documentary (1-3) Concentrated study on one individual or group of individual documentary makers in film, photojournalism, video, or written journalism.

-or-

The keeping of a journal and analytic study on individual readings and viewings of recent documentaries related to class study.

Fundamentals of Organizational Communications

IMC 336 Individualized Studies in Organizational Communications (1)

IMC 337 Practical Application of Organizational Process (3) Practical application of communication theory in simulated and actual organizational settings.

IMC 338 Communication Process Analysis (3) Study of both formal and informal communication flow within the structure of organizations. Analysis and design of communication models and identification of various publics served by the organization.

IMC 339 Organization Theory (3) Study of the theories of communication in organizational settings. Emphasis will be on various theories and their use in problem solving and decision making.

Video Production

IMC 354 Television Production (3) Hands-on television experience in directing, writing, camera work, and various studio and production techniques.

IMC 355 TV Field Production (3) The study and application of remote electronic news gathering and electronic field

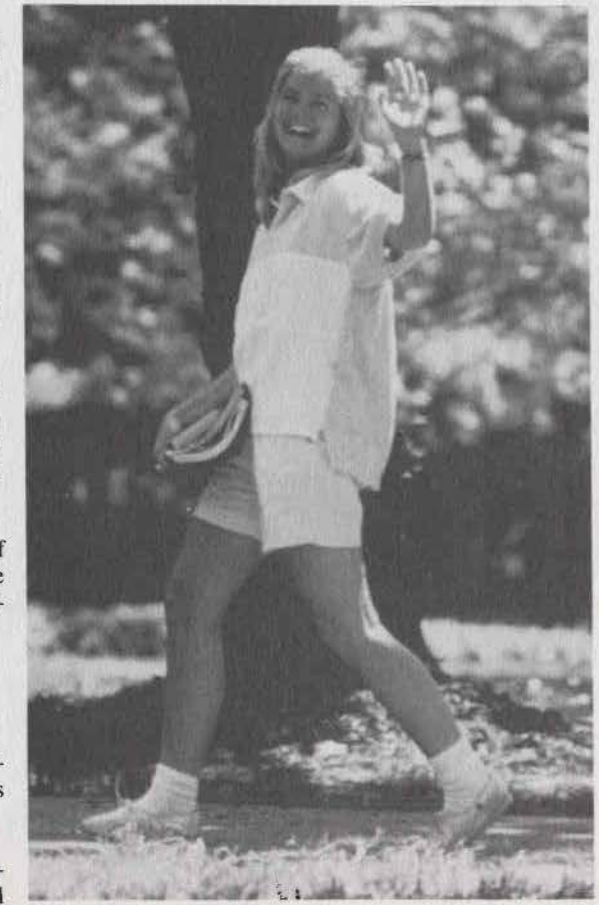
production, as well as basic interviewing and recording techniques.

IMC 356 Post-Production Techniques (3) Demonstration of video switching and postproduction assembly and insert editing.

IMC 357 Individual Study in Video Production (1-3) Students research special topics in broadcast media and marketing.

Communication Process in Business

IMC 243 Interpersonal Organizational Skills (3) A study and demonstration of nonverbal and verbal communications, group interaction, interviewing techniques.



IMC 420 Business Technical Writing (3) Study and review of various forms of business exposition and proposal research and writing.

IMC 421 Business Communications (1-3) Special Case Readings

IMC 425 Business Presentation Skills (3) Student gives individual and group oral presentations.

Creative Writing

IMC 311 Creative Writing Lab (3) Development of creative writing techniques and skills through writing exercises and projects in both poetry and prose. Workshop format with a process approach.

IMC 312 The Art of Fiction (3) Readings in short fiction by major authors with special attention to character, theme, and style. Explores aesthetic concepts and strategies ranging from realistic to abstract modes.

IMC 313 The Art of Poetry (3) Readings in poetry representing the richness, variety, and vitality of this basic form of human expression from tribal times to the present.

IMC 314 Literary Editing & Publishing (1-3) Development of basic literary editing and revision skills. Overview of the world of literary publishing.

Individualized Study

Course work in the areas of PHOTOGRAPHY, VISUAL COMMUNICATIONS & DESIGN, AND RADIO STUDIES is arranged on an individualized study plan basis. The student counsels with a Faculty Advisor to develop the particular study units within the cluster. These units typically combine historical/conceptual and studio or "hands on" orientations. Classes are usually held as tutorials or in groups of four or less. Advanced course work in many of the study areas described in the previous section is also available on an individualized study plan basis and is developed with the assistance of a Faculty Advisor.

Internship

If the schedule permits, internships are recommended and sought for students with good records in their communications course work. Internships may be in radio, television, business communications, and publishing situations. The internship can provide the student with a

rich and practical learning experience to complement academic studies.

BACHELOR OF ARTS IN HEALTH MANAGEMENT

Program Description

The LCIE Health Management degree prepares students for management positions in acute, ambulatory, long term, or community care organizations. The program is based upon curriculum content recommended by both the Accrediting Commission on Education for Health Services Administration and the American Assembly of Collegiate Schools of Business. The intent of the program is to expand upon existing skills and to give the student a strong liberal arts and professional business background.

The core curriculum contains four quarters of required study. The first quarter is an introduction to the foundations of health in the United States. The remaining three terms are identical to those offered in the core business administration curriculum and are offered jointly with the business faculty.

Core Curriculum (recommended sequence):

Quarter I:

- IBA/IHM 360 Alternative Health Care Systems (3)
- IBA/IHM 361 Organization & Operation of the U.S. Health Care System (3)
- IBA/IHM 362 History & Development of the U.S. Health Care System (3)

Quarter II:

- IBA/IHM 330 Principles of Management (3)
- IBA/IHM 332 Management of Personnel Systems (3)
- IBA/IHM 430 Management Policy (3)

Quarter III:

- IBA/IHM 200 Principles of Accounting (3)
- IBA/IHM 308 Managerial Accounting (3)
- IBA/IHM 320 Principles of Finance (3)

Quarter IV:

- IBA/IHM 350 Principles of Marketing (3)
- IBA/IHM 431 Production Management (3)
- IBA/IHM 453 Marketing Management & Planning (3)

In order to create an academic minor within the degree students may take elective course work in non-administrative studies such as communications, psychology, or research and planning. For instance, a student interested in health promotion may want to consider IMC 389-Principles of Public Relations and IOD 370-Group Dynamics, while a student involved in organizational change may want to consider IMC 338-Communication Process Analysis and IOD 452-The Manager as Change Agent. Independent study is also possible in management information systems, health planning, and research methods.

Health Administration Foundations

IHM 360 Alternative Health Care Systems (3) An introduction to changes in the organization and provision of health care. Includes the study of health maintenance organizations, preferred provider arrangements, emergency centers, hospice, adult day and respite care, community care, and health promotion.

IHM 361 Organization and Operation of U.S. Health Care Systems (3) Study of the existing health care systems in the United States. Health care economics, organization, politics and professional preparation and services are some of the subject areas covered.

IHM 362 History and Development of the U.S. Health Care System (3) Study of the U.S. Health Care system including sociocultural, organizational and professional development.

IHM 363 Independent Study in Health Care (1) An intensive study of a topic in health care organization.

IHM 363 Independent Study in Health Care (1-3) An intensive study of a topic in health care organization.

Management courses (See listing in LCIE BA in Business Administration program)

Accounting/Finance courses (See listing in LCIE BA in Business Administration program)

Marketing courses (See listing in LCIE BA in Business Administration program)



BACHELOR OF ARTS IN HUMAN AND ORGANIZATIONAL DEVELOPMENT

Program Description

LCIE's Human and Organizational Development program focuses on organizational theory and the behavior of individuals within organizations, including issues of employee productivity, motivation, and leadership. Action, analytical, and interpersonal skills are stressed. Clusters deal with both individual training and development and with planning for an organization as a whole.

Core Curriculum:

Quarter I:

- IOD 350 Management and Administration Theory (3)
- IOD 351 Organizational Theory (3)
- IOD 352 Group Behavior in Organizations (3)

Quarter II:

- IOD 360 Adult Development (3)
- IOD 361 Staff Development (3)
- IOD 362 Training (3)

Quarter III:

- IOD 370 Group Dynamics (3)
- IOD 371 Conflict Resolution (3)
- IOD 372 Team Building (3)

Quarter IV:

- IOD 450 Organizational Design (3)
- IOD 451 Systems Theory (3)
- IOD 452 Organizational Change and Development (3)

Courses of Study

IOD 350 Management and Administration Theory (3) Concerned with an understanding of managerial systems, comparative management systems, and the techniques of management and organizational effectiveness.

IOD 351 Organizational Theory (3) Focus on the ability to assess and analyze the nature of organizational dysfunction and the development of strategies for change.

IOD 352 Group Behavior in Organizations (3) Structural characteristics and dynamics which develop in work groups within organizations. Particular emphasis on understanding the factors which inhibit work within groups and organizations.

IOD 353 Readings in Organizational Behavior (1-3)

IOD 360 Adult Development (3) Adult development and learning with a focus on continuing education and training. Applications of adult development theory to the design, development and evaluation of training programs.

IOD 361 Staff Development (3) Staff development techniques and its role and function within an organization. Attention is given to the identification of training needs, strategies for meeting those needs, and the overall purpose of staff development within an organization.

IOD 362 Training (3) Students learn theory and systemic design of curriculum and instruction for employee training programs and methods of evaluating such programs.

IOD 363 Career Development (1-3) Individual factors in successful career development.

IOD 370 Group Dynamics (3) Study of motivation, leadership, communication, morale, intra- and intergroup dynamics, and decision making in organizations.

IOD 371 Conflict Resolution (3) Examination of causes of conflict in human interactions; principles and techniques to diagnose conflict and to differentiate among types of conflict.

IOD 372 Team Building (3) Development of skills in leadership, group facilitation, team building, handling group conflict and assessing group needs.

IOD 373 Group Process (1-3) Directed laboratory experience in group facilitation, leadership, and handling group conflict and assessing group needs.

IOD 450 Organizational Design (3) Factors involved in designing effective organizations. Discussion of compensation methods and methods used to improve the quality of work life such as job enrichment, job restructuring, and techniques for improving morale and satisfaction.

IOD 451 Systems Theory (3) Application of general systems theory to organizational design, behavior, and management.

IOD 452 Organizational Change and Development (3) Dynamics and theory of planned change; application of theory to actions within students' own organization; analysis of organizational problems, strategy development and solution implementation.

IOD 453 The Manager as Change Agent (1-3) Overcoming resistance to change.

BACHELOR OF ARTS IN VALUATION SCIENCES

The Lindenwood College for Individualized Education program in Valuation Sciences meets the vital needs of the appraisal profession. It provides a broad and specialized theoretical education as well as skills for valuation and appraisal. Students in the program have careers in many fields: real estate, business, appraisal of personal property, antiques, and fine arts, art history, archaeology, museums, banking, government, engineering, and marketing research. Students without appraisal experience complete internships in the field.

These are the objectives of the Valuation Sciences program:

1. Interdisciplinary knowledge of appraisal principles, procedures, and methodology
2. Knowledge of motivation and valuing, consumer and investor behavior
3. Knowledge of contemporary global social-economic issues
4. Knowledge of business law and other topics relating to appraisal
5. Interdisciplinary knowledge and skills in valuation finance and investment analysis
6. Special knowledge of chosen emphasis: e.g. real estate, personal property, business valuation
7. Acceptable appraisal documentation
8. Preparation to obtain certification as an appraiser.

In the Bachelor's degree program, four quarters of core studies are followed by the final term focused on the culminating project and preparation to take certification examinations. The program is interdisciplinary throughout; at the same time the student focuses on specializations during each term: real estate, personal property, business or the like. Students interested in personal property will study art history and foreign language.

Core Curriculum**Quarter I: Valuation Theory and Practice**

IVS 400 Appraisal Theory and Practice (3)

IVS 401 Personal Property Appraisal (3)

IVS 402 Socio-Economic Issues (3)

or

IVS 405 Real Estate Appraisal (3)

Quarter II: Business Core

IBA 211 Principles of Political Economy (Micro) (3)

IBA 212 Principles of Political Economy (Macro) (3)

IBA 360 Business/Health Law (3)

Quarter III: Appraisal Specializations**Real Estate and Business Track:**

IMH 106 Basic Statistics (3)

IBA 320 Principles of Finance (3)

Business Elective (3)

or

Personal Property Track:

IVS 460 Material Culture: 1680-1840 (3)

IVS 464 Craftsmanship: 1680-1840 (3)

IVS 468 Connoisseurship and Identification (3)

Quarter IV: Valuation Core

IVS 440 Investment Strategies (3)

IVS 441 Advanced Interdisciplinary Study (3)

IVS 442 Financial Analysis (3)

Quarter V: Valuation Core

IVS 445 Appraisal Specializations (3)

IVS 480 Appraisal Documentation (3)

IVS 486 Advanced Review (3)

Program Options

Undergraduates in day and evening programs interested in appraisal can take components of Valuation Sciences and business-related courses as part of their Bachelor's degree, and then complete a Master's degree in Valuation Sciences through LCIE in 30 semester hours. Applicants to the graduate program should have very good skills in writing, research and oral communication, as well as a generally good academic record in their major. The following undergraduate studies would be required for admission to the 30-hour Master's degree program:

Valuation Theory and Practice I:

IVS 400 Appraisal Theory & Practice (3)

IVS 409 Value Influences and Analysis (3)

plus either

IVS 401 Personal Property Appraisal (3)

or

IVS 405 Real Estate Appraisal (3)

Valuation Sciences II: Business Core

BA 211 or IBA 211 Principles of Political Economy (Micro) (3)

BA 212 or IBA 212 Principles of Political Economy (Macro) (3)

BA 360 Business Law I (3)

BA 361 Business Law II (3)

or

IBA 360 Business Law (3)

SS 310 Social Science Statistics (3)

Students in Art History would take the following course of study in LCIE:

Valuation Sciences III: Material Culture

IVS 460 Material Culture: 1680-1840 (3)

IVS 464 Craftsmanship: 1680-1840 (3)

IVS 468 Connoisseurship and Identification (3)

Prerequisites: ART 356, plus ART 257, 380 or 381

Students in Business Administration or related fields would take the following undergraduate studies in LCIE, along with their major, and complete the Master's in Valuation Sciences in 30 hours:

Valuation Sciences IV: Investment Analysis

IVS 440 Investment Strategies (3)

IVS 441 Advanced Interdisciplinary Study (3)

IVS 442 Financial Analysis (3)

Components of internships in appraisal can be arranged for qualified students. There are significant career opportunities in real estate, personal property, and business valuation for qualified graduates. These include opportunities with major accounting firms.

Courses of Study

IVS 400 Appraisal Theory and Practice (3) Interdisciplinary study of the foundations of value theory, appraisal principles and procedures: value concepts and history, theory of ownership and personal property. Appraisal ethics.

IVS 401 Personal Property Appraisal (3) Study of principles and procedures in personal property appraisal: purposes and

functions, types of appraisal, identification, authentication, condition, provenance, ranking, market and income methods, the appraisal report. Applications and case studies in fine arts, antiques, decorative arts.

IVS 402 Socio-Economic Issues (2) Study of global socio-economic issues appraisal: population, environment, food and energy problems; rights and social change; consumer behavior, motivation, decision-making and market formation; economic effects.

IVS 403 Gems and Jewelry Appraisal (3) Identification, analysis and valuation of gems and jewelry.

IVS 404 Business Valuation (3) Economic, corporate and industry analysis; data sources; closely-held corporations; taxation; intangibles; financial analysis and valuation.

IVS 405 Real Estate Appraisal (3) Study of principles and procedures in real estate appraisal: capital and financial markets, neighborhood and data analysis, highest and best use, cost, market and income methods, capitalization, the appraisal report. Applications and case studies.

IVS 406 Machinery and Equipment Appraisal (3) Identification, inspection, description, condition; depreciation; cost and sales analysis; liquidation.

IVS 409 Value Influences and Analysis (3) Identification and analysis of forces influencing appraised values; social, political, environmental, economic. Sample topics: business and appraisal ethics, social responsibility of business, global economics, regional and national economic analysis, environmental problems, consumer-investor behavior, consumer rights, equal opportunity, government regulation, public policy.

IVS 440 Investment Strategies (3) Study of efficient markets, investment options, risk and decision-making, portfolio analysis. Applications in stocks, bonds, real estate, fine arts, etc.

IVS 441 Advanced Interdisciplinary Study (3) Specialized applications of appraisal and valuation methods to stocks, bonds, real estate, fine arts, antiques, etc. Case studies.

IVS 442 Financial Analysis (3) Uses of financial ratios and techniques for investment analysis and comparisons. Applications and case studies in stocks and real estate, corporate analysis.



IVS 445 Appraisal Specializations (3) Focused studies in student's field of choice: e.g. real estate, personal property, business valuation, advanced market and income methods, identification, analysis.

IVS 460 Material Culture: 1680-1840 (3) Interdisciplinary study of early American material culture and European antecedents: historical and archaeological methods, furniture, glass, ceramics, metals, technology, architectural history, artistic styles and design, methods of identification, condition.

IVS 464 Craftsmanship: 1680-1840 (3) Study of American crafts and craftsmanship, tools and technology, economic development, organization, industrialization, European influences. Applications and case studies.

IVS 468 Connoisseurship and Identification (3) Role and process of the connoisseur and appraiser, identification of periods and styles, condition and preservation of art, antiques and decorative arts, ranking, collection, auctions.

IVS 480 Appraisal Documentation (3) Analysis and reconciliation of data and valuation conclusions: components and reports; ethics and documentation; alternate forms of reporting; communication skills; expert witness.

IVS 486 Advanced Review (3) Advanced work in student's specialization, with review of topics involved in professional examinations: e.g., ethics, principles and definitions, description and analysis of properties, methods, capitalization, financial and statistical analysis, report-writing, law and taxation, expert witness testimony.

IVS 492 Independent Study (1-3) Individualized study in appraisal and valuation, in student's specialization: e.g. real estate, personal property, business valuation.

Lindenwood Institute for Intergenerational Studies

Program Description

Since 1980, the College for Individualized Education has provided education for the understanding of the human aging process and problems associated with being elderly in the United States. Students interested in understanding aging, in providing service to older individuals, in effecting social change or the benefit of the elderly, or in conducting gerontological research are served by Lindenwood's baccalaureate in Gerontology. In 1984, a certificate program was added to meet the needs of those who seek a specialty in Gerontology, but who have completed other degree programs. In addition a graduate degree program is available.

There are no typical graduates of the Lindenwood Gerontology program. Alumni serve as directors of retirement housing complexes, manager of multi-service senior centers, nursing home administrators, gerontopharmacologists, researchers, founders of home health agencies and in a range of other careers dedicated to serving older Americans. Programs of study, therefore, are individualized to provide areas of concentration toward a variety of career paths. Many students elect to take a practicum or residency in a particular agency to develop practical knowledge in an area of service to the elderly. The general aim of the program in Gerontology is to provide a solid foundation in the theories and research in Gerontology and then to allow each student to specialize in a particular area of interest.

The Bachelor of Arts in Gerontology includes the College-required General Education core and 27 or more semester hours in gerontological studies, plus elective subjects to total 120 semester hours of credit.

BACHELOR OF ARTS IN GERONTOLOGY

Core Curriculum:

Quarter I:

- IGE 202 Psychological Aspects of Aging (3)
- IGE 313 Physiological Aspects of Aging (3)
- IGE 330 Sociology of Aging (3)

Quarter II:

- IGE 320 Community Organization and Resource Allocation (3)
- IGE 321 Social Policy in Gerontology (3)
- IGE 322 Service Provision to the Elderly (3)

Quarter III:

- Specialized Study in student's area of interest (9)

Quarter IV:

- IGE 400 Practicum in Gerontology (1-6)

Quarter of Specialization allows each student to specialize in a particular area of interest (9 semester hours).

Courses of Study

IGE 202 Psychological Aspects of Aging (3) This course discusses current psychological theories of aging. Various

behavioral functions in late life are examined including intelligence, memory and personality development. The major functional and organic psychopathologies are discussed.

IGE 313 Physiological Aspects of Aging (3) This course examines the biological changes associated with the aging process. Both normal and pathological changes are discussed. Special attention is directed toward correcting stereotyped notions regarding the aging process. Students investigate and critique several biological theories of aging.

IGE 320 Community Organization and Resource Allocation (3) The application of community organization concepts and techniques of administration to the planning organization, financing and management of social services, health services, informal education and volunteer generated programs for older adults. This course explores operations of health, housing, social and nutrition programs in light of economic and political constraints.

IGE 321 Social Policy in Gerontology (3) This course focuses on the political forces that shape official policies toward aging in America at all levels of government, with emphasis on federal policies. Through the use of selected examples, the course examines the impact of political-vested interests in shaping the enactment and implementation of legislation for the elderly. Topics include: retirement income, housing subsidies, age discrimination, the Older Americans Act and state and local programs.

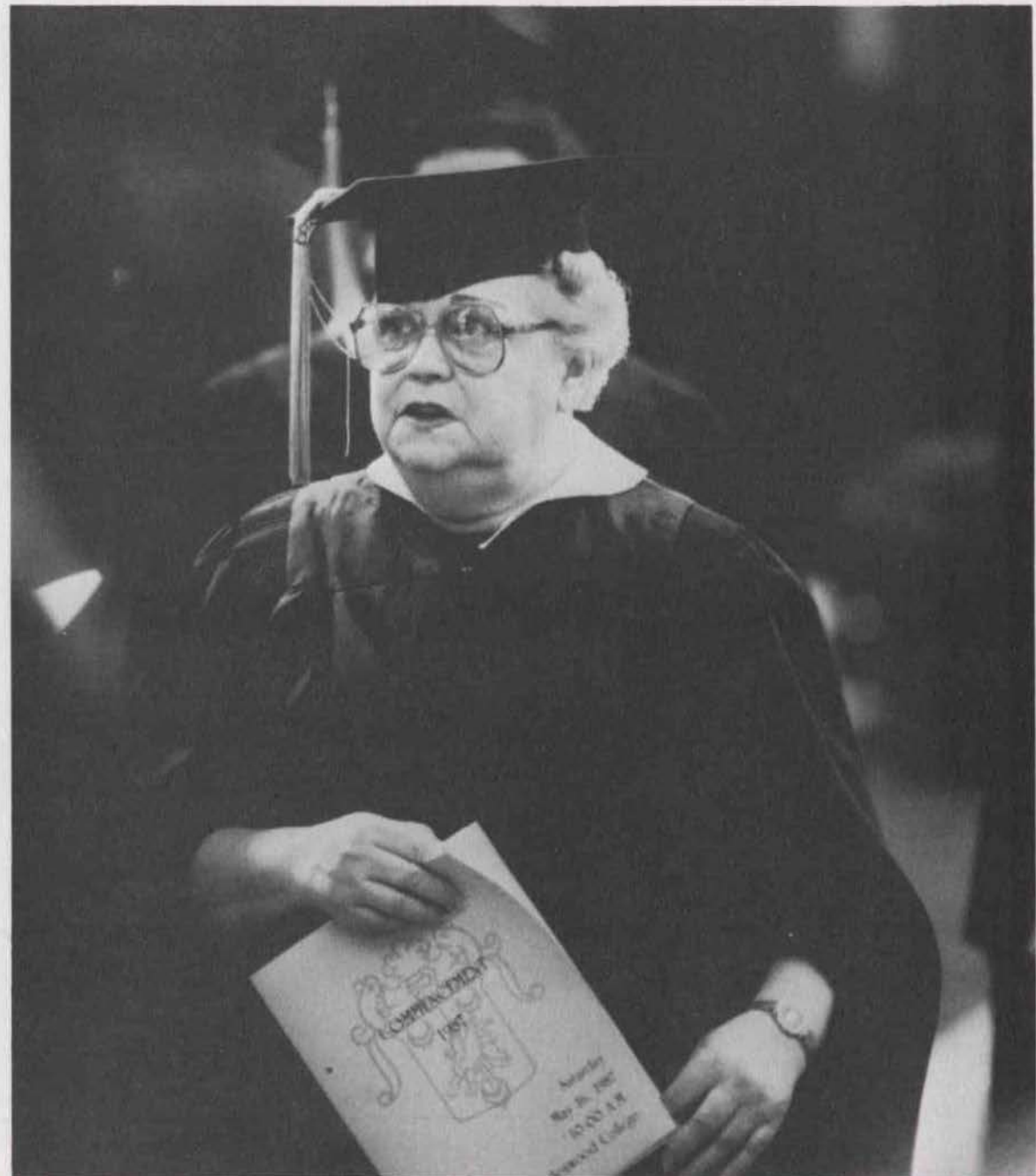


IGE 322 Service Provision to the Elderly (3) This course focuses on specific programs that are designed to provide psycho-social and health services to the elderly. Programs under review include those already in existence and potential variations that might be proposed. Designed to aid human services practitioners, managers and policy makers in understanding basic objectives, approaches, and options in the most effective means of delivering services to the elderly.

IGE 330 Sociology of Aging (3) Attention is directed toward eradicating major myths and stereotypes regarding the elderly and the aging process. Emphasis is on Socio-cultural theories of aging and the role of the older individual in society today. Topics include housing, transportation, health, income, retirement role change and intergenerational relationships.

IGE 393 Individual Study in Gerontology (1-3) Student generated projects on approved topics determined in conjunction with the student's advisor.

IGE 400 Practicum in Gerontology (1-6) Students are placed in a practice setting from a variety of gerontological services. Typically a practicum extends for 11 to 22 week period.



The International Valuation Sciences Institute

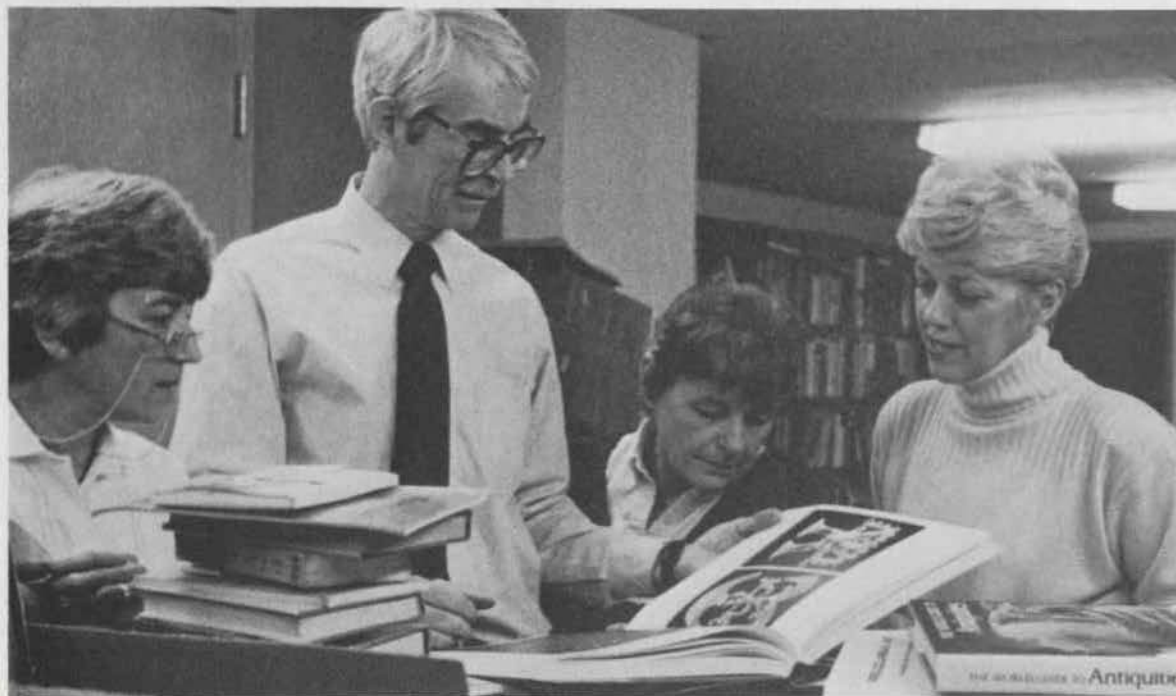
Program Description

The International Valuation Sciences Institute (IVSI) at Lindenwood College was established in January, 1987, to serve higher education needs of the appraisal profession. It offers degrees in appraisal and fosters research and publications. The IVSI also presents appraisal seminars and conferences. The institute will enhance the current quality, scope and international professional standing of appraisers.

The Institute meets certain current needs in the field of appraisal:

1. Effective higher education available to all appraisers, especially in the United States, in all appraisal disciplines;

2. Major improvements in the quality and reliability of appraisal training for the public and for government agencies;
3. Sponsorship and coordination of advanced research and publication in all fields of appraisal education, especially in Valuation Sciences, consumer/investor behavior, value theory and influences;
4. Identification and planning for educational needs in appraisal through multi-disciplinary seminars on appraisal education, theory and methods.



The Institute offers both Bachelor's and Master's degrees in Valuation Sciences for appraisers. The program is fully supported by the American Society of Appraisers and members of other appraisal organizations, many of whom serve as faculty. This support has created a significant increase in the library and other resources of the IVSI for academic and professional research. Graduates play a major role in the profession internationally. All graduates are employed in their chosen fields. The Institute does not offer certification in appraisal, but graduates are prepared to take relevant examinations from various organizations.

The Institute will sponsor research and publication in valuation sciences and appraisal, especially for faculty and students in higher education.

A particular strength of academic work at the Institute is its emphasis on communication skills. All students do work in written and oral communication for research, report writing, expert witness testimony, audio-visual work and other communication needs.

Membership

Membership in the Institute is open to anyone seeking educational and research resources in appraisal/valuation. Members draw on the services of the Institute, in resources and publications, and serve the development of the profession with their financial support.

Institutional memberships are also encouraged. The Institute works cooperatively with other appraisal societies and institutes, with appraisal/accounting corporations, with museums, and with major auction houses, to enhance the educational and public standing of the appraisal profession.

Degree Programs

Requirements for both the Bachelor's and Master's degree programs in Valuation Sciences are found in the appropriate sections of the catalog.



Graduate Program

INFORMATION FOR APPLICANTS

Program Description

Lindenwood College is accredited to offer programs leading to the Master of Arts, Master of Fine Arts, Master of Business Administration, Master of Science, and Master of Valuation Science. Students may emphasize study in the following areas:

- Accounting
- Administration
- Art Therapy
- Business Administration
- Business Planning
- Corporate and Industrial Communications
- Counseling Psychology/Professional Psychology
- Education
- Finance
- Fine Arts
- Gerontology
- Health Management and Promotion
- International Business
- Management
- Management Information Systems
- Marketing
- Mass Communications
- Photography
- Theatre Arts
- Valuation Sciences/Appraisal

In addition to the above, individualized degree programs may be developed.

Graduate education at Lindenwood College is carefully monitored by the Dean of Graduate Studies who exercises overall supervision of the graduate programs offered by the College. Each department is responsible for developing graduate programs consistent with the highest standards of the respective fields.

Qualified persons are invited to apply for admission to academic programs leading to advanced degrees. The variety of intellectual opportunities and the unique challenges of this college are stated in the following section. Information on the requirements of any given major may also be found in the pages which follow in the graduate section of this catalog.

Selection Criteria

Candidates applying to Lindenwood College will be evaluated individually by the Dean of Graduate Studies, the department chairperson/faculty advisor for the program and the Graduate Council of Lindenwood College. Generally, the following factors are taken into consideration:

1. Preparation. A bachelor's degree which includes a thorough liberal arts foundation is required for admission to most programs. Evidence of personal/professional development, capacity for critical thinking, and some knowledge of the field to be studied are also important.
2. Academic record. Lindenwood is interested in serious students who have performed well in demanding curricula. The quality of academic achievement (as demonstrated by individual course grades and cumulative grade point average) is an important factor in the decision making process during the admission review.
3. Recommendations. Two written recommendations are necessary to help us gain a more thorough understanding of the applicant. Applicants are encouraged to seek academic and professional sources for their references.
4. Autobiographical Statement. Admission requirements for all programs include requirements of evidence of professional experience. See the individual program for specifics.
5. Interview. A personal interview with the Admissions counselor is one of the first steps in the admissions process. An interview with the department chairperson or faculty advisor for the applicant's major also is required. Preliminary planning for the student's program is begun at this time.

Application Procedure

Before being considered for admission, a student's file must include:

1. A completed and signed application form with the \$25.00 application fee (non-refundable). A check or money order should be made payable to Lindenwood College.
2. Official transcripts from the degree granting undergraduate institution as well as transcripts from any post-graduate institutions.
3. An autobiographical statement according to the requirements of the individual department.
4. Two letters of recommendation.
5. A Program Overview must be submitted by applicants to Lindenwood College for Individualized Education during the first quarter of attendance.

Admissions Procedure

Students who have made application to the graduate program at Lindenwood College will receive a letter welcoming them and granting them permission to register. Permission to register allows the student to enroll in one term of study. Within the first term, students must submit all of the required application materials which are specified in the previous section. All graduate students must meet with their advisors to determine their course of study for the degree. In the case of LCIE students, this is called the Program Overview.

When the applicant's admission file is complete, it is then forwarded to the appropriate academic department and reviewed by the department chairperson/faculty advisor. If the department chairperson/faculty advisor recommends admission, the application is reviewed by the Graduate Council. The Graduate Council approves or rejects the applicant's Admission to Candidacy in the program of study. The applicant then is notified by mail of the admission decision.

Normally, this process will be completed before the beginning of the student's second term of study. However, if consideration of the application is still pending, permission to register for a second term may be granted. Admission to Candidacy must be granted by the end of the second term of enrollment for students who intend to become degree candidates or no further registrations will be processed.

Admission to a graduate program is one of three types: full admission, conditional admission, or probationary admission. Specific criteria for distinguishing between these categories are determined within each department for its programs. In general, however, these distinctions are:

1. Full admission to degree candidacy. Granted to students who are considered to be fully qualified to undertake a program toward the graduate degree for which they have applied.
2. Conditional and probationary admission. Granted to students of promise whose previous academic record and/or academic preparation are such that they do not meet the admissions criteria for a particular program. Students admitted in either of these categories will be granted full admission once the specific conditions attached to their conditional or probationary status have been met.

Academic Policies and Procedures

Academic Grievance Policy and Procedure

Information regarding the Academic Grievance Policy and

Procedure may be obtained from the Office of the Dean of Graduate Studies. All grievances should first be addressed to the student's instructor and/or advisor. Those issues which have not been resolved at that level should be directed in writing to the chairperson of the academic department from which the student is seeking the degree and then to the Dean of Graduate Studies. Only after these avenues of resolution have been exhausted will grievances be reviewed by the Academic Grievance Committee.

Academic Honesty and Plagiarism

Lindenwood College considers plagiarism to be a serious academic offense. Graduate students who plagiarize shall receive an "F" in the course in which the act occurs. All Lindenwood College students should be familiar with the policy statement concerning academic honesty detailed on page 19 of this catalog.

Change in Program

Graduate students currently enrolled in a degree program but wishing to enter a different program should consult with the Dean of Graduate Studies to discuss the proposed change in program and to determine whether additional application materials need to be submitted.

Grading System

Grades are recorded by the letter "A," "B," "C" and "F." Other grades include:

- INC - indicates the work of the course has not yet been completed by the end of the grading period.
- W - indicates the student has officially withdrawn from the course according to the policies established by the Registrar's Office.
- P - indicates that the student has successfully completed a thesis, culminating project, practicum, or residency requirement.

Grades "A," "B," "C" and "F" are used to calculate the student's academic standing. A grade of "A" indicates outstanding performance. A grade of "B" indicates satisfactory performance at the graduate level. A grade of "C" indicates performance below that acceptable at the graduate level. An "F" indicates a significant failure in performance relative to the requirements of the course. No credit is awarded toward a graduate degree for courses in which a grade of "F" is earned. Students who are unable to complete a course by the end of a grading period may petition to be allowed to receive the grade of INC. Such petitions must be signed by the instructor for that course and the Dean of Graduate Studies. Upon approval of the petition, the student

has six weeks from the end of the term in question to complete the work of the course. At the end of the six week extension period, the student will be awarded a grade based on the work completed at that time. If no action is taken by the student to resolve the incomplete work, the grade of INC will be changed to "F" at the end of the extension period.

Probation and Suspension

See section on Scholarship Standards.

Readmission to Original Program

Any student previously enrolled in a graduate program at Lindenwood College who has failed to enroll for more than two terms must apply for readmission. The application for readmission is available in the Admissions Office, Registrar's Office, or the Office of the Dean of Graduate Studies. This must be submitted to the Office of the Dean of Graduate Studies, together with official transcripts of all work taken while not enrolled in Lindenwood. This procedure should begin at least six weeks prior to the day of registration for the term in which the student expects to resume graduate studies.

Readmission with a Change in Program

A student wishing to pursue a degree or program other than the one originally sought, and who has not enrolled for more than one term, should complete an application for readmission and consult with the Dean of Graduate Studies to determine whether additional materials need to be submitted.

Second Degrees

A student who has received a master's degree from Lindenwood and who desires another master's degree may receive a maximum of 9 hours credit from the first degree toward the second degree, if the credit is applicable.

Scholarship Standards

To be in good academic standing, all graduate students must maintain a 3.0 grade point average. At Lindenwood College, an "A" is calculated at 4.0 quality points, a "B" is 3.0 quality points, a "C" is 2.0 points and an "F" carries 0 quality points.

The academic standing of any student whose grade point average falls below the 3.0 minimum will be reviewed by the Dean of Graduate Studies and the appropriate department chairperson/faculty advisor. Following that review, the student will be notified whether he or she has been placed on academic probation or suspended from the graduate program. If the student is placed on academic probation and permitted to continue, the conditions under which he or she will be allowed to continue will be provided to the student in

writing. Such conditions may include requiring the student to repeat the course or courses in which a grade of "C" or below was earned. When a course is repeated, both grades will be used to determine the cumulative grade point average. In all cases, if after the next quarter or semester of work the student has not improved his or her cumulative grade point average to the 3.0 level, the student will be suspended for unsatisfactory academic progress.

Students who are suspended for unsatisfactory academic progress ordinarily are not again admissible to the graduate degree programs of Lindenwood College.

STUDENT SERVICES

Consolidated Advising Program

The Consolidated Advising Program (CAP) Center provides a comprehensive array of services and resources to students, alumni, faculty and staff, with primary emphasis on career development, academic assistance, and personal growth. Services include:

1. Career planning and placement
2. Academic assistance and peer tutoring
3. Personal counseling

In response to Lindenwood's diverse student population, the CAP Center has resources to meet a variety of needs including those of the adult learner experiencing mid-life transition and evaluation choices.

Evening and Weekend Student Services

The Evening Division Office serves as the link between College offices which may not be open after 5:00 p.m. and the evening and weekend students. The Evening Division Office is located in Roemer 108 and is open Monday through Thursday from 8:30 a.m. to 6:30 p.m. The Office of the Saturday Campus Director is open from 9:00 a.m. to noon on Saturdays at the beginning of each quarter and by appointment. In addition, the Cashier's Office located in Roemer 117 and the Bookstore in Niccolls Hall have evening hours at the beginning of each term.

Other services including Financial Aid, Admissions, and the CAP Center are available to serve evening and weekend students by appointment.

Housing

Housing within Lindenwood's residence halls is available for graduate students. Please contact the Programs and Residences Office for information.



Graduate Programs in Business Administration: M.B.A., M.S.

Program Description

The Department of Business Administration offers graduate study leading to either the Master of Business Administration, with or without a field of specialization, or a Master of Science degree in a specialized area. These graduate programs are designed for students with a recognized bachelor's degree in business or non-business fields, although there are occasional exceptions to this requirement.

Specific educational objectives of the program include the development in its graduates of a proficiency in decision making, including abilities to diagnose, identify, analyze and solve major problems in the profession of management, interest in research, writing and contribution to the art of management, understanding of the common functional areas in an integrated approach to management, capability to communicate effectively and with credibility and sensitivity, appreciation of personal and organizational responsibility for natural, social, political and economic environments and recognition of the accountabilities of the management profession.

It is the purpose of the Department of Business Administration to produce graduates of the highest calibre. The Depart-

ment recognizes that generally learning in higher education is a function of time, among other things, and that for some recognized that the student body has a wide variety of backgrounds and divergent educational and occupational experience. Rather than attempt to offer a totally standard exposure to ideas and training, it is believed that the graduate program should be flexible enough to allow the student to design some of this program of study to meet the student's educational and occupational goals. Thus, within the limits of achieving breadth appropriate to an M.B.A. it is desired that the program of study will be relevant both to the background of training and experiences of the student and to the student's future goals. The M.S. degree permits greater freedom to specialize in a single field for those who desire depth in preference to the breadth of the M.B.A. Both programs of study are achieved in cooperation with a faculty adviser to whom the student presents a tentative program and with whom, during a series of conferences, the student develops a program to meet the student's needs.

An important element of the program is flexibility of programming, adapting the curriculum to the needs and interests of the individual student. In this pluralistic society it is the process will take longer than for others. It is also recognized that students come to the department with varying

backgrounds. This will often require the individualizing of instruction to remove deficiencies in a particular student's capacity to deal with business problems. This may be accomplished by the addition of courses to a student's program by the student's advisor. One of the occasions when a course may be added to a student's program is whenever a student receives a "C" as a grade in any course. This could indicate a weakness or deficiency which needs to be removed. The student will have the opportunity and will be expected to enroll in a content course at the appropriate level in the student's next quarter of attendance in which a course in the area of deficiency is offered. While it is the intent to produce high calibre graduates of those who are admitted to the Department, learning is also a function of motivation, attention, and the time available for study. When there is great demand for spaces in institutions of higher learning, there is a limit to the number of times a student may attempt to demonstrate through corrective actions the student's ability to meet minimum standards. For this reason it is necessary to limit the number of opportunities a student has to rectify deficiencies.

The M.B.A. degree program prepares the student to pursue careers in the management of business firms or other formally organized enterprises. The program centers upon

knowledge, skills and techniques which are useful in designing and maintaining effective organizations and relating them properly to their environments. The program stresses the spirit of inquiry as a basis for lifelong learning growth.

The M.S. degree programs in Business Administration are designed to prepare the student for a career as a specialist in the management of formally organized enterprises in one of the following major fields: accounting, finance, management, manpower management, marketing, management information systems, international business, etc.

In addition to being admitted by Lindenwood College, an applicant must also be accepted for admission by the Department of Business Administration before his/her program for a master's degree can be established. The following factors are considered:

1. Scholastic achievement as represented by official transcripts of all college course work.
2. The potential of the student to achieve academic and career goals by enrolling in the program. This factor requires an interview by a member(s) of the Department faculty.

MASTER OF BUSINESS ADMINISTRATION

Requirements for the Master of Business Administration - General

Completion of all requirements (36 hour minimum in the graduate program as established by the student's graduate committee and approved by the Department of Business Administration). The graduate program must include:

1. The Business core courses MBA 511, 521, 531, 541, 545, and 551. Concept courses prepare students with no previous business courses to undertake the business core courses. There are 15 hours of concept courses in the various fields of the MBA.
2. Additional graduate or approved upper division courses to meet the 36 hour minimum.
3. A thesis or comprehensive final examination (requirement may be met by MBA 545).

Application for Graduation

Application for graduation must occur no later than one quarter prior to completion of course requirements. Before advancement to candidacy can be approved, the following requirements must have been met:

1. Acceptance by the Department of Business Administration and Graduate Council.
2. Establishment of the degree objective.
3. Completion of all prerequisite courses.
4. A 3.0 (B) average in all work completed as a graduate student at this College or transferred to meet degree requirements.
5. Satisfaction of the general College requirements for advancement to candidacy.

MASTER OF BUSINESS ADMINISTRATION WITH SPECIALIZATION

Concentration in Accounting

Program Description

The graduate curriculum in accounting offers advanced training in the nature, theory, and central problems of business accounting, with the objective of responsible leadership in a dynamic business world. The program stresses the spirit of inquiry as a basis for progress and growth. Based upon a strong foundation of accounting prerequisites, the program is designed to develop the expanded knowledge which is the basis for the specialist in an accounting management career in business or government, in public accounting, or in further advanced study.

Degree Requirements

1. A minimum of 36 hours beyond the bachelor's degree in approved upper division and graduate courses as established by the student's graduate committee and approved by the department chairperson.

2. A minimum of 12 hours in the graduate series completed at this College in approved accounting courses with a minimum of a grade "B" in each accounting course beyond core requirements.

Concentration in Finance

Program Description

The curriculum leading to the Master of Business Administration with a concentration in Finance is designed to prepare individuals for staff or line position in business, government, or other organizations.

The Finance Program offers instruction in four areas: financial management, insurance, investments, and real estate.

Degree Requirements

1. Completion of a minimum of 36 upper division and graduate course hours in business administration including the graduate business core.
2. A minimum of 12 hours in finance with a minimum grade of "B" in each finance course beyond the core course in finance.

Concentration in Management

Program Description

The prime mission of this program is to provide the student with an indepth graduate education in management. Students completing this degree should be able with successful experience to progress readily into middle management and eventually assume top management positions in business enterprise. Management graduates also have an excellent educational background to competently fill high-level administrative positions in business enterprises and in non-business organizations, such as government, universities, and various institutions.

Degree Requirements

1. Completion of a minimum of 36 hours beyond the bachelor's degree in upper division and graduate courses approved by the student's department graduate committee and the department chairperson, including completion of MBA 540 and 541 or their equivalent with a minimum grade of "B".
2. A minimum of 12 hours in approved graduate series courses in management beyond requirements in number 1 above, with a minimum grade of "B" in each course.



Concentration in Manpower Management

Program Description

The Master of Business Administration with an option in manpower management-industrial relations has dual objectives. It prepares students for entry positions as technical specialists in personnel and industrial relations departments. It also serves as a step toward continuing graduate study in the field. The curriculum offers breadth and depth. Courses direct attention to both individual and group behavior in working organizations and to the environmental impacts of public policy. They emphasize the translation, interpretation, application, and testing of relevant theory, including contributions from the behavioral sciences. The curriculum includes analytical approaches to manager responsibilities in planning, staffing, organizing, developing manpower resources, and gaining and holding commitment with both financial and non-financial reward systems. As preparation, the bachelor's degree with majors in Business Administration or Social Science is recommended.

Degree Requirements

1. Completion of a minimum of 36 hours beyond the bachelor's degree in upper division and graduate courses approved by the student's department graduate committee and the department chairperson.

2. A minimum of 12 hours in approved graduate series courses in manpower management in addition to courses required for the general MBA, with a minimum grade of "B" in each course.

Concentration in Marketing

Program Description

Marketing is a socially oriented discipline and considers that the basic purpose of a business enterprise, just as that of any other social institution, is to provide a use of resources to conform to existing demands and to stimulate consumption as the economy expands the ability of its productive capacity to serve an ever-increasing number and variety of human wants.

The Master of Business Administration degree with option in marketing is intended to prepare men and women for the responsibility of management in marketing—the responsibility for devising, improving, and directing the policies, strategies and techniques of

marketing. The program is flexible, offering a balance between theoretical analysis and examination of established practices. It provides an opportunity for the student to explore the areas of marketing both in breadth and depth. The program is designed to permit students who have developed prior interest in marketing or in areas within marketing to delve further into their areas of interest. Areas of marketing offered include: advertising, sales management, industrial marketing, international marketing, logistics, marketing institutions, and marketing research and analysis.

The field is important vocationally both because the number of workers employed in distribution activities is large and also because the number, variety and importance of the problems and managerial responsibilities offer many opportunities for intellectually challenging positions.

Degree Requirements

1. Completion of a minimum of 36 hours beyond the bachelor's degree in graduate and upper division courses approved by the student's department graduate committee and the department chairperson.

2. A minimum of 12 hours in approved graduate series courses in marketing taken at this College beyond core requirements, with a minimum grade of "B" in each course.

Concentration in Management Information Systems

Program Description

The option in Management Information Systems curriculum prepares the student for employment as a staff specialist in management information systems of a wide variety of business enterprises and governmental institutions. Synthesis and analysis of the design, improvement, installation, and operations of integrated systems of men, materials, machines, and equipment are studies resulting in the specification, prediction and evaluation of the results to be obtained from such systems. The program is designed to present an organized body of knowledge dealing with the design of both continuous and intermittent processes for converting input factors into desired products and services.

Emphasis is on common processes of operations and systems techniques and their application in the industrial environment and non-industrial areas such as banks, hospitals, hotels, government, universities, and general office settings.

Degree Requirements

1. Completion of a minimum of 36 hours beyond the bachelor's degree in upper division and graduate courses approved by the student's department graduate committee and the department chairperson.

2. A minimum of 12 hours in approved graduate series courses in management information systems beyond the core requirements, with a minimum grade of B in each course.

Concentration in International Business

Program Description

The graduate curriculum in International Business offers advanced training in the nature, theory, and central problems of U.S. businesses and agencies dealing in international trade situations. The program stresses preparing the student to grasp the complexities in international business of utilizing U.S. practices in accounting, finance, management, marketing, and law in various foreign situations.

Degree Requirements

1. A minimum of 36 hours beyond the bachelor's degree in approved upper division and graduate courses as established by the student's graduate committee and approved by the department chairperson.

2. A minimum of 12 hours in the graduate series in International Business completed at this college with a minimum grade of "B" in each course.

MASTER OF SCIENCE IN A SPECIALIZED FIELD

Program Description

The Master of Science in Business Administration requires an emphasis in a specialized field, such as Accounting, Management Information Systems, Finance, Management, Human Resources Management, Marketing, or International Business. This requires the student to plan a specific curriculum with a graduate committee. The graduate committee should consist of 3 members of the faculty with expertise in the area of specialization.

The Master of Science degree is provided for the student who has chosen to be a specialist in a given area of manage-

ment; however, such programming should ensure a limited comprehensive background. The major emphasis will be in the specialized field and a thesis/project will be required as a terminal requirement.

Degree Requirements

1. Student shall complete courses as an undergraduate or graduate student equivalent to the "concept" courses required of the M.B.A.

2. Student shall complete a minimum of 36 hours in courses, determined in conjunction with the faculty committee, in the field of specialization or related fields.

3. The student shall be required, by course completion and/or examination, to demonstrate an ability to undertake research in the field of specialization. This requirement may require training in research methodology, statistical procedures, computer analysis and programming. This requirement can be partially or fully demonstrated in the completion of a thesis/project as the final terminal experience. The thesis/project requirement may be awarded 9 hours of credit toward the required 36 hours.

4. The student must maintain a "B" average in all work required for the degree.

Courses of Study

Accounting Management

MBA 510 Financial Accounting Concepts (3) This course treats generally accepted accounting concepts and their influences upon the preparation, analysis, and use of financial statements and reports.

MBA 511 Managerial Accounting (3) Admission to this course requires a basic understanding of general accounting concepts. The focus of the course is the internal use of accounting data by managers for planning and control purposes. Prerequisite: MBA 510 or equivalent.

MBA 512 Cost Accounting & Budgeting (3) Concepts of cost determination, reporting and control applied to manufacturing operations. Emphasis is placed upon job order and process cost accounting system. Also objectives and methods of preparing coordinated and flexible budgets for business planning and control purposes will be covered. Prerequisite: MBA 511.

MBA 513 Advanced Accounting (3) Specialized topics in advanced financial accounting: consolidations, mergers, part-

nership liquidations, consignments, installment sales, estates, and trusts. Prerequisite: MBA 511.

MBA 514 Auditing (3) Theory and application of generally accepted auditing standards and procedures used by independent public accountants. Responsibilities and ethics of the CPA as well as practical problems are examined. Prerequisite: MBA 511.

MBA 518 Corporate Tax Planning (3) A study of the practical application of federal and state tax regulations dealing with the corporate business organization. Emphasis is placed on the tax consequences of business decisions and effective tax planning. Prerequisite: MBA 511.

MBA 519 Special Topics in Accounting (3) Utilizes special faculty resources to enable individuals or seminar groups to explore advanced and topical areas of accounting and information systems. A maximum of 6 hours may be earned in this Special Topics area.

NOTE: Completion of MBA 510, 511, 512, 513, 514, and 519 (CPA Preparation) should provide basic accounting requirements to qualify for CPA examination provided other state requirements have been met in other areas.

Management Information Systems

MBA 520 Introduction to Computer-Based Information Systems (3) This course presents the application of computer-based information systems to business functions. Role of database in information systems is emphasized. Topics include computer organization; role of operating systems in data management; data organization and accessing; database concepts, including the goals of a database management system, data independence and dependence, and database models; business applications of information systems; and systems design concepts.

MBA 521 Management Information Systems (3) An overview of basic terminology and the concepts of management information systems. Various types of applications that are part of an information system are explored, and attention is given to activities involved in information systems development and control. Topics include role management information systems in organizations; structure of a management information system; database management systems: evaluation and selection of data base software; models for representing systems: narrative, mathematical, graphical, tabular, and procedural; information systems development and control. Prerequisite: MBA 520 or equivalent.

MBA 522 COBOL Programming (3) Computer programming for business application in structured COBOL. Applications using sequential file techniques are written, compiled, and executed on the computer. Topics include measures of the quality of structured design and programming; explanation of basic elements of COBOL to handle repetitive business problems such as I/O statements, arithmetic statements, nested IF statements, single and multiple level control breaks, table searching and sequential file updating. Prerequisite: MBA 521 or permission of instructor.

MBA 523 Quantitative Methods (3) Extensive examination of quantitative techniques used in managerial decision making. Emphasis is placed on recognition of management problems that can be cast in the form of optimization models. Covers linear optimization models, integer programming problems, dynamic programming, inventory models and queuing models. Topics include classical deterministic models; linear optimization models (transportation model, capital budgeting model, blending model, portfolio model); the Simplex method; integer programming problems; dynamic programming (recursive optimization); overview of goal programming, stochastic programming, parametric linear programming, stochastic programming and nonlinear programming; inventory models; queuing models; simulation. Prerequisite: MBA 520 or permission of instructor.

MBA 524 Systems Analysis and Design (3) The focus of the course is on the systems analysis and design process. Through an analysis of cases the phases of Systems Development Life cycle are presented in detail. Topics: Tools used by systems analysts; Phases of the Systems Development Life Cycle: problem definition and classification, data collection and analysis, systems planning, feasibility study; systems cost determination; systems design; file and data base organization and design; Computer system evaluation and selection; project management and control (Gantt Charts, the Critical Path Method, Performance Evaluation and Review Technique); System conversion and implementation. Prerequisite: MBA 522 or permission of instructor.

MBA 525 Information Systems Project (3) The areas of computer technology, and systems analysis and design are integrated to aid the student in designing large scale application or decision support systems. Topics include development of a system for a local organization (or for a hypothetical application). Prerequisite: Permission of the instructor.

MBA 526 Data Base Management in Business (3) This course presents the fundamental concepts of data base processing in management and outlines techniques of data base design.



Practical experience in the use of a relational DBMS is provided. Prerequisite MBA 522 or permission of instructor.

MBA 529 Special Topics in MIS (3-6)

Financial Management

MBA 530 Financial Concepts (3) Admission to this course requires an understanding of general accounting concepts. It deals with managerial functions of finance with emphasis on financial statement analysis, working capital management, capital budgeting, long-term financing.

MBA 531 Financial Policy (3) This course covers statement analysis, mergers, acquisitions, management/shareholder relations, dividend policy, long-term financing, money and capital market institutions. Prerequisite: MBA 530.

MBA 532 Managerial Finance (3) Evaluation of major financial decisions is the focus of this course. The traditional financial problems normally reserved for executive decision-making are covered in depth. Prerequisite: MBA 530.

MBA 533 Investment Management (3) Principles of portfolio management, specifically to include risk and security analysis. Types of securities are related to investment policies and goals. Prerequisite: MBA 530.

MBA 534 Financial Aspects of Real Estate (3) An analysis of the Real Estate Industry defining concepts and principles of the field. The management problems in supervising and administering the real estate assets and liabilities of a business organization. Also, there is focus on legal aspects of real estate, the market, market analysis, financial techniques, land use problems, etc. Prerequisites: MBA 511, 531.

MBA 539 Special Topics in Finance. Utilizes special faculty resources to enable individuals or seminar groups to explore advanced and topical areas of finance. A maximum of 6 hours may be earned in this Special Topics area. Prerequisite: Permission of instructor.

Management

MBA 540 Organizational Concepts (3) This course presents theory, research, and their applications that provide the cornerstone for the study of managing within organizations. The functions of management, human behavioral studies, and leadership styles are examined. (Not open to students with undergraduate courses in Principles of Management or equivalent.)

MBA 541 Organizational Development (3) An analysis of primary factors affecting behavior and relations in organizations. Particular emphasis is given to examining the structure and processes of, and behavior within organizations in order to better understand the management process. Prerequisite: MBA 540 or equivalent.

MBA 542 Socio-Political Environment of Business (3) A study of the social issues and the legal constraints facing management in the modern industrial society. An examination of regulatory function of government as it affects management decisions, public policy versus business policy, and when it is congruent to business policy. Emerging issues which relate to public issues, taxation, environmental, working environments, the corporation as a good neighbor. Prerequisite: MBA 541.

MBA 543 Personnel Management and Labor Relations (3) This course covers the scope of business and industrial personnel services. Analytical appraisal of politics in labor relations and personnel administration. Prerequisite: MBA 541.

MBA 544 Management and Business Law (3) Study discussion of terminology, definitions, and principles of contract law applicable to the contractive problems in the operation of a business, including the relevant provisions of the uniform commercial code. The application of the principles of agency law by the entrepreneur/manager in operating the firm, legal liability to his agency and third party with whom he deals, and the legal aspects of business in difficulty.

MBA 545 Business Policies & Strategies (3) Utilizing a top management perspective, this course analyzes the practices and problems confronting the modern business organization. Through an analysis of cases, students are required to integrate a knowledge of the functional areas of business in forming solutions to complex business problems. Prerequisites: All required core courses plus 12 hours of electives.

MBA 546 Managerial Problem Solving (3) This course explores the many faceted arena of problem solving by focusing on problem descriptions, sorting out causal factors, developing and evaluating alternatives, assessing associated risks, and determining most viable choices. Both individual and small group experiences are included as well as samples from the spectrum of problem solving strategies and techniques. Students will use basic statistical tools, the structured technique of cause and effect diagramming, creative problem solving through synectics, and the more formal process skills of contemporary approaches. The practicum nature of the

course results in skills which are immediately transferable to the workplace. Prerequisite: MBA 541.

MBA 547 Negotiations (Current Issues in Unionism, Collective Bargaining, and Labor Relations.) (3) A study of trends and the history of the union as representative of the worker, current trends and laws directed to collective bargaining process as determined and changed by labor legislation. Prerequisite: MBA 541.

MBA 548 Leadership in Structured Situations (3) Designed to develop understanding of the function and the context of the leadership role in formal organizations through the examination of leadership research and theories of leadership effectiveness. The various bases for exercising influence and the situational factors affecting leadership. Emphasis on understanding the leadership function as well as developing thinking and action capabilities for improving leadership effectiveness. Prerequisite: MBA 541.

MBA 549 Special Topics in Management (3) Utilizes faculty resources to enable individuals or seminar groups to explore advanced and topical areas of administration. A maximum of 6 hours may be earned in this Special Topics area. Prerequisite: Permission of instructor.

Marketing

MBA 550 Marketing Concepts (3) A study of the principles of marketing activities to plan, price, promote, and distribute goods and services to the consumer and the industrial market. (Not open to students who have had undergraduate Marketing)

MBA 551 Marketing Strategy and Management (3) An analysis of the dynamics of developing a marketing program: establishing a strategy model for entry, maintenance/survival, proliferation/segmentation, exit and re-entry of products and services. Developing the marketing plan for the organization, budgeting, interfacing with the other areas of the organization. Prerequisite: MBA 550 or equivalent.

MBA 552 Marketing Information and Research (3) A study of the various sources of information essential to managing the marketing function. A study and review of the various methodologies in securing marketing information. Evaluating primary and secondary sources of information and data. Survey techniques and construction of research instruments. Presentation of research findings. Prerequisite: MBA 551.

MBA 553 Marketing Communications Management and Policy (3) A study of the various communication systems available to the marketing manager. An analysis of print advertising, electronic advertising, promotions, collateral materials, catalogue development, direct response systems, couponing, etc. Also, budgeting and controlling marketing communications functions with the sales department and other areas of the firm will be discussed. Prerequisite: MBA 551.

MBA 555 Product Management and Product Development (3) A review and study of the product management system, the role of the product manager in the firm and the interfaces required with other areas. The application of strategy models to product management, monitoring, tracking, updating, etc. The developing of new products will be analyzed with methods of evaluation, new venture teams, the pre-entry planning phase, budgeting, and decision trains. Class will develop new product concept. Prerequisite: MBA 551.

MBA 556 Industrial Marketing (3) A study of the unique aspects of operating a marketing program in the industrial market. Case histories will be employed. Data sources and market analysis of industrial markets. The industrial marketing department functions and relations with the sales organization. Prerequisite: MBA 551.

MBA 557 Consumer Marketing (3) An integration of the theories of consumer behavior with materials originating with the social sciences. A review of consumer motivation, buying behavior, market adjustment, customer service. Cases may be employed to explore the various aspects of consumer marketing. Prerequisite: MBA 551.

MBA 558 Management of the Sales Organization (3) An analysis of the organization of the selling function, staffing, training, budgeting, selection, evaluation, setting goals, competitive situation analysis, motivation. Types of organizations applicable to sales function, types of compensation, ranking of sales personnel, etc. Prerequisite: MBA 551.

MBA 559 Special Topics in Marketing/Independent Study. A maximum of 6 hours may be earned in this Special Topics area. Prerequisite: Permission of instructor.

Small Business Management

MBA 560 Small Business Management (3) An examination of principles and methods in the operation of a small business. Emphasis is placed on the small business in planning, controlling, financing and managing operations. The problem of starting up new enterprises is considered as well as preparing the management for multiple responsibilities in operating the business.

MBA 568 Entrepreneurship (3) The role of the innovator in business. Methods of starting a business; reasons, logic and problems in starting new business. Invention and patent protection for new ideas, methods of funding interested parties to commercialize new ideas and products.

MBA 569 Special Topics/Directed Studies in Small Business (3) By permission only of the Department of Business Administration. Student may request course to undertake special problems in small business and to develop, under direction of suitable supervisor, plans for a new business or reorganizing an existing business, etc. Permission of instructor.

International Business

MBA 570 International Trade (3) An introductory course for the International Business program, providing a historical perspective on patterns of trade between and within demographic regions and examining recent shifts in traditional markets and the forces that have led to them. Current world-wide interests in strategic resources will be examined in this context. Analysis of import/export opportunities, problems, and constraints also is provided, particularly from the American business point of view.

MBA 571 International Risk Analysis (3) Determination and assessment of factors of risk in international business ventures form the core of this course, to include analysis of domestic and foreign constraints imposed by the political and economic environment of multinational business operations. Special emphasis is given to the means of identifying, evaluating, and neutralizing risks related to international law,

hyper-inflationary economics, nationalization of assets, revolution, war, and inconvertibility of currency. The roles of governments in heightening and reducing risks also are studied for their impact upon international business. Prerequisites: MBA 511, 531.

MBA 572 International Management (3) Organizing, staffing, and managing the international enterprise constitute the core subject matter of this course. Problems for international or multinational businesses begin when pricing, investment, financing, production, and similar decisions that affect foreign subsidiaries are considered by the parent firm. Particular concerns are the adaptation of management to culture, adapting methods to local conditions and attitudes, and agreements and contracts. Prerequisite: MBA 541.

MBA 573 International Accounting Systems (3) This course focuses on the international dimensions of accounting. The comparative practices in accounting are reviewed, foreign currency translation, financial reporting and disclosure, analyzing foreign financial statements, international credit environment, transfer pricing and international taxation. Prerequisite: MBA 511.

MBA 574 International Marketing (3) The course examines the marketing mix and how it may or may not be standardized for national markets that comprise the international market. Choice of promotional materials, distribution channels, product positioning in terms of price and quality, and other variables that must be tailored for the international markets. Techniques that can be used for identifying potential markets for broad categories of products or services and implementation of marketing policies within the international arena as principal mechanisms for this course. Prerequisite: MBA 551.

MBA 575 International Business Communications (3) A review and study of advertising and promotion in international scene. The problems of translating marketing ideas and concepts into promotional materials for use in foreign business environments. Study of interpersonal communications for business in various cultures. Prerequisites: MBA 551, 553.



MBA 576 International Business and Cross Cultural Communications (3) One of two introductory courses for the International Business program. Provides an overview of the international business milieu with specific reference to relations between home and host countries, demographic and geopolitical patterns and problems, the need of international entrepreneurs to familiarize themselves with the common business attitudes, customs, and constraints of other people.

MBA 577 International Finance (3) The course investigates the international financial environment in which businesses and individuals operate. The determinates of exchange rates are examined, international capital markets are analyzed from the point of view of portfolio theory and equilibrium asset pricing. The unique problems of the financial manager operating internationally are considered, to include foreign

taxation, working capital management, sources of funds, international and regional financial institutions, commercial documents, and international trade organizations. Prerequisite: MBA 531.

MBA 579 International Business Topics/Directed Studies. A maximum of 6 hours may be earned in the Special Topics area. Prerequisite: Permission of instructor.

Special Business Subjects

MBA 580 Production/Systems Management (3) An essentially non-mathematical coverage of project management and systems management programs, including project evaluation, goal determination, PERT/criteria path methods, matrix management, and the appropriate uses of evaluation techni-

ques and reporting systems. Prerequisite: MBA 521 or equivalent.

MBA 581 Managerial Economics (3) A course designed to provide tools for analysis of economic problems, primarily micro, and their impact upon managerial decisions and policies. Prerequisite: MBA 511.

MBA 582 Analysis of Business Conditions (3) The course is designed to develop one's ability to interpret economic trends and analyze forecasts of business conditions. The course emphasizes macroeconomic and monetary policy, and the institutional environment of the U.S. economy. Prerequisite: MBA 511.

MBA 600 Thesis (3-9)



Graduate Programs in Education: M.A., M.S.

Program Description

Lindenwood's graduate programs are accredited by the National Council for the Accreditation of Teacher Education (NCATE).

Because of the recent emphasis by educators on improving inservice and graduate teacher education, Lindenwood has developed several alternatives by which the practicing educator may complete the master's degree. The models are developed to span a continuum from one emphasizing the distributed requirements to one emphasizing a subject oriented program. These alternative models are listed below with a brief explanation.

Model I: One can complete a Master of Science degree in elementary or secondary education. This program is traditional in nature. Upon satisfactory completion of certain required courses in education and a particular number of elective courses, one receives the M.S. in Education. This model is planned to accommodate students who have not had experience teaching or who are working toward certification simultaneously.

Model II: Participants in this program must have had teaching experience or be presently teaching. The program includes a portion of required "Core Courses." The remainder of the program is built upon a needs assessment of the participant as an educator. This work leads to a Master of Arts in Education.

Model III: This degree program is for students with highly specialized needs who desire studies in a specific area. These teachers, should they be part-time students, take part in the Core Courses described in Model II, but spend a substantial portion of the program in one-to-one tutorials with experts in the specialized field of study. This work leads to a Master of Arts in Education.

General Provisions

Courses offering three hours credit in Models I, II, and III typically meet once a week for three hours. Length of sessions is based on credit hours offered in the course. Independent study and tutorial courses are arranged at the convenience of the student and the tutor. Summer session courses

run during the months of June and July and vary in time length based on credit hours of the courses.

Graduate students may take one or two courses each fall, spring and summer term. Should one desire to take more, special permission must be granted by the Director of Graduate Programs in Education. An approved program of 30 semester hours is required for graduation.

Courses of Study

Education

EDU 505 Analysis of Teaching and Learning Behavior (3) This course is designed to enable the educator to analyze/diagnose, prescribe, and evaluate ways to improve teacher and learner behavior. Various methods of analyzing teacher behavior are studied and applied. Emphasis also is given to developing the ability to analyze and prescribe programs for individual learners.

EDU 507 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.

EDU 508 Organization and Administration of the Preschool (3) A course designed to provide students with various organizational patterns for establishing educational programs for young children. The issues and concerns of administering these programs will be emphasized. Observations will be required in several local area programs.

EDU 509 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.

EDU 510 Conceptualization of Education (3) In this course the student learns how to examine contemporary educational problems by studying them from the perspectives of history, philosophy, sociology, and psychology.

EDU 511 Advanced Educational Psychology (3) In this course the student examines current areas of interest in the study of learning theories and their applications to education; concepts, methods and problems of human development and their applications to education, with an emphasis on recent research in educational psychology.

EDU 512 Developing Learning Modules for Gifted (2) A course to help teachers develop learning modules based on higher-level thinking processes and stressing activities which lead the student to become a producer rather than a consumer of information. During the course, teachers develop modules based upon individual interests.

EDU 513 Principles of Gifted Education (3) This course will examine identification of the gifted student based on criteria established by the U.S. Department of Education. Multiple criteria for identification will be stressed along with a variety of program models used to differentiate instruction for the gifted based on identified needs.

EDU 514 Utilizing Parent and Community Resources (3) An exploration of the resources of the community and methods of incorporating them into the preschool program. Parent resources and parent-school relationships are studied, and materials and methods for developing such relationships con-



tribute a focus of efforts. Practicum experience is a major part of this course.

EDU 515 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.

EDU 516 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 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 instruments and techniques for assessing language development.

EDU 518 Principles of Early Childhood 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.

EDU 520 Curriculum Analysis and Design (3) This course has a dual emphasis. First, it includes substantive study of past and current curricula with attention to their bases in research and theory. Second, this knowledge is utilized by participants in preparing curricular programs which will enable them to function more effectively in their particular educational settings.

EDU 522 Practicum: Diagnosis of Reading Difficulties (3) The student participates in related clinical experiences in the use of various diagnostic instruments and procedures for identifying types of reading difficulties. The student will be expected to administer, score, and interpret basic tests and to write case study reports for several children. Lab fee.

EDU/PSY 524 Assessment of Intellectual Skills (3) Non-projective, 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 525 Perceptual Motor Development (3) 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.

EDU 526 Practicum: Remediation of Reading Difficulties (3) Students apply appropriate remedial techniques using commercial and teacher-made materials in teaching students previously diagnosed with reading disabilities. Lesson plans, preliminary remediation reports, progress reports, and a final evaluation of the remediation program are required. Lab fee. Prerequisite: EDU 522 or equivalent.

EDU 532 Reading Practicum (1-3) Students will be assigned to work with regular classroom teachers or specialists for 30 hours for each hour of academic credit. Students will observe, assist, and instruct students in reading under the supervision of a teacher and/or the College supervisor. Students will keep a detailed log of all activities. Prerequisite: Students must be taking or have taken a reading methods course.

EDU 538 Reading Methods For Early Childhood Education (2-3) An advanced course in reading methods with an emphasis on early childhood education. The course will emphasize the language experience approach, individualized instruction, divergent and elaborative thinking, and integrating reading into the entire curriculum. Activities will include a review of theory and practice, the development of a curriculum plan for reading in early childhood education, and follow-up activities for testing model lessons in a classroom situation.

EDU 539 Library Administration (3) General administrative procedures used in administration of school library organization, staffing, operations, budget, and physical plant.

EDU 540 Integration of Audio Visual Materials in Instruction (3) For elementary and secondary teachers and for library/media personnel, covering the fundamentals of teaching with audiovisual technology.

EDU 541 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 these 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.

EDU 542 Cataloging and Classification (3) Simple cataloging problems following standard practices. Classification according to the Dewey Decimal and Library of Congress Classification System.

EDU 543 Reference and Bibliography (3) Study of the books useful in school reference sections: encyclopedia, dictionaries, general reference books, and simple bibliographies.

EDU 544 Selection and Acquisition of Library Materials (3) Principles of selecting books and periodicals for the school library. Use of guides, bibliographies, purchasing methods, sources of supplies, purchasing records.

EDU 545 Health, Nutrition, & Safety of the Young Child (3) This course focuses upon personal hygiene, eating habits, nutritional requirements, physical fitness, safety precautions, and first aid techniques and emergency procedures. Prerequisite: EDU 303 or its equivalent. Graduate students will be expected to engage in specific research related to the health, nutrition, and safety of the young child not covered in class lectures and discussions.

EDU 547 Adolescent Literature (2-3) History and development of literature suitable for the secondary school (junior and senior high). Evaluation of current materials.

EDU 550 Graduate Practicum (2-6) The practicum is an elective graduate course with credit from two to six hours. The work to be done will be based on the number of credit hours selected. In all cases the study will involve

work in an educational setting, generally a school system where the student is employed or where full cooperation may be extended to the student.

EDU 551 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.

EDU 559 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 community and as an instrument for promoting cultural understanding.

EDU 560-568 Graduate Seminar on Teaching Strategies (1-3) The major purpose of these seminars is to update practicing teachers in educational research, theory, strategies, and techniques which will provide added expertise to the schools. This may be taken more than once for credit.

EDU 570 Educational Research: A Practical Approach (3) The course is designed in such a way that practitioners will be able to evaluate the results of educational research for use in a variety of educational settings and will be aware of the impact of recent major research studies on educational practices. The participant will investigate the basic nature of educational research, along with pertinent methods of data collection and analysis. Emphasis will be placed on research problems, designs, and findings in the participant's selected area of concentration.

EDU 572 Curriculum and Materials for Gifted Programs (3) This course will explore the basic premises of education for gifted children including identification, curriculum development, teaching in gifted education, and the application of theory to curriculum development and materials selection and use.

EDU 584 Creating Curriculum and Materials for Early Childhood Programs (3) 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 em-

phasized. Students will prepare and test their own materials with preschool children.

EDU 589 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 these needs.

EDU 591-593 Self-Prescribed Courses (3) Basic to the philosophy of this program is that the educator, in order to devise learning experiences for others, should have the opportunity to devise such experiences for oneself. The design of such experiences should not be entirely limited to a choice between already formalized learning experiences, but should allow the educator the choice of either selecting courses already offered or conceptualizing and proposing experiences to meet individual needs as a practicing educator. These learning experiences will become the Self-Prescribed Courses whenever he/she has identified personal goals and objectives and has determined the direction for meeting them. This portion of the program consists of the equivalency of six courses.

EDU 600 Master's Project (3) Required of Model I, II, and III students. Each participant in the course will be responsible for the preparation of a final project as required for the course and graduation. The project must be a specific application of gathering, analysis, evaluation, and reconceptualization which have been stressed throughout the program. The topic of the project may focus on a particular problem which the participant faces in his/her individual situation as an educator. The Master's Project may take the form of curriculum development, whereby the candidate will design, test, and evaluate a curriculum plan within an educational environment. Other paths include analysis of a teaching project for the candidate to observe, record, and analyze various patterns of teaching behavior, or a research project in which a particular research technique is applied to an educational problem. Prerequisites: EDU 570 and a proposal approved by the advisor; EDU 520 for those who undertake a curriculum project.

NOTE: For graduate courses in specific content areas, see the appropriate sections of this catalog.

Special Education

SED 502 Behavior Modification (2) 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 setting, laboratory study in acquisition of new behaviors, and visits to local programs using behavior modification with normal and exceptional persons.

SED 528 Methods of Teaching Children with Learning Disabilities (3) 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. Graduate students will be expected to do a project.

SED 529 Methods of Teaching Mentally Retarded Children (3) 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 531 Methods of Teaching Behaviorally Disordered Child (3) 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. Graduate students will be expected to do a project.

SED 533 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. Theoretical schemes of language acquisition, the child's stages in acquisition of morphology and syntax, sound, and semantics are an integral part of the course.

SED 537 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.

SED 540 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. Graduate students are required to do in depth research and/or project development in vocational training.



SED 552 Testing and Assessment of Children with Visual Impairments (2) This course addresses special diagnostic procedures with the visually impaired, including academic, intellectual, and functional vision testing methods, evaluation tools and an examination of specialized problems. Also included are a review of human vision, interpretation of eye reports and test results and a case study along with the experience of test administration.

SED 553 Anatomy and Physiology of the Eye (2) The structure, function, and possible pathologies of the eye. Social, vocational and educational implications of visual problems. Skills in communicating with medical and rehabilitation specialists regarding implications of individual visual problems.

SED 554 Orientation and Mobility for Visually Impaired Children (2) This course is designed to provide practical information to those persons involved in the growth and development of formalized orientation and mobility, physical and mental factors of orientation and mobility, and practical experience learning basic pre-cane skills (i.e., sighted guide, self-protection, and familiarization).

SED 555 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 556 Conservation and Use of Limited Vision (2) This course covers the principles of visual perception development, implications of visual field losses, introduction to optics, optical and non-optical low visual aids, low vision stimulation experience and activities. Graduate students will be expected to examine research literature in this area beyond the regular course requirements.

SED 557 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 structure; (3) the teacher's sensitivity and willingness to adapt instruction to experiential needs of students. Graduate students will be expected to examine research literature in this area beyond the regular course requirements.

SED 558 Advanced Braille: Methods and Materials for Teaching Braille (2) A review of the search related to braille, including exploration of current methods and materials for braille instruction and testing at various age levels, and design of teacher-made materials. A practicum with blind students is included. All braille skills will be reviewed.

SED 575 Introduction to Behavior Disorders (2) In this course, the student will examine the theories, classification system, characteristics, historical data and resources related to the education of the behavior disordered student.

SED 576 Introduction to Learning Disabilities (2) In this course, the student will examine the theories, classification system, characteristics, historical data and resources related to the education of the learning disabled.

SED 577 Introduction to Mentally Handicapped (2) In this course, the student will examine the theories, classification system, characteristics, historical data and resources related to the education of the mentally handicapped.

SED 578 Introduction to the Education of the Visually Handicapped Child (2) Introduction to educational programs, services and resources for blind and partially sighted children, exploration of historical background, literature, philosophy, sociology and psychological aspects of blindness.

Graduate Programs: The College for Individualized Education

Program Description

Within the Lindenwood College for Individualized Education (LCIE) the graduate student may choose either a structured professional program or an individually designed course of study. In either format, LCIE offers an opportunity for an adult learner to pursue a specialized Master's degree. Many LCIE graduate students are professionals or community volunteers who bring to the College a rich background of career and life experience.

All graduate students at Lindenwood College for Individualized Education are expected to develop the abilities to write, read, and speak clearly, correctly, and effectively, and to acquire mathematical, technical, or other skills that may be essential to their particular programs of study.

Throughout their course of study, students are expected to use primary source material, to engage in speculative thinking, and to develop original work and/or research in their major areas of interest. This work should be analytical rather than descriptive, demonstrating a distinct, defensible, methodological, and theoretical perspective.

Graduate programs offered to students by the Lindenwood College for Individualized Education have included:

Administration	Literature
Art Therapy	Management
Communications	Marketing
Creative Writing	Philosophy
Design	Professional Psychology
Finance	Public Administration
Gerontology	Sociology
Health Management	Valuation Sciences
Health Promotion	Voluntary Association
Industrial Psychology	

Admission and Program Overview

The Director of Admissions and the Graduate Council of Lindenwood College determine the admission status of each student based on the Program Overview and the grade point average. Full admission is granted to students who have grade point averages of 3.0 or better (on a 4.0 scale), and whose Program Overviews have been approved. Conditional status is granted to students who have grade point averages between 2.5 and 2.99, or whose Program Overviews have not been approved. Probationary status is granted to students whose grade point average is less than 2.5. A student may be on probationary status for no more than one quarter. Once admitted to full status, graduate students must maintain a grade point average of at least 3.0.

Prior to entering LCIE, each student is assigned to a Faculty Advisor who assists with the design of the Program Overview, which must be completed during the student's first quarter. The Program Overview is a detailed and logical proposal that includes the student's learning objectives and term-by-term plan of the subject areas to be studied. After approval by the Faculty Advisor, the Program Overview is submitted for consideration by the Graduate Council. The Council may accept the Overview as presented, suggest particular revisions, or reject it. If the initial proposal is rejected, a redesigned Overview may be submitted for consideration.

Pending completion of their Program Overview and its review and approval by the Graduate Council, students are granted permission to register for one quarter. The Program Overview must be approved by the Council before students are permitted to enroll for additional study for the Master's degree.

After students have been fully admitted, they may make alterations to their Overview by submitting a written amendment to their Faculty Advisor. If the change involves only a minor adjustment of the original plan, the amendment can

simply be filed along with the student's original proposal. If the amendment involves either an adjustment of the semester hours required for degree completion, or a major change in emphasis or degree title, it must be approved by the Graduate Council.

Program Requirements

For most LCIE graduate programs, the smallest unit for which a student may enroll is 9 semester hours. For structured programs, certain areas of study are required by the College. For individualized programs, the student and Faculty Advisor determine requisite areas of study. When all objectives of the Overview have been met and credited by the College faculty, the student will be recommended for graduation.

To receive the Master's degree from LCIE all students must meet the following requirements:

1. Completion of at least 27 semester hours (3 quarters) as an enrolled student at Lindenwood with a grade point average of at least 3.0.
2. Completion of the objectives set forth in the Program Overview.
3. Demonstration of graduate level writing and speaking skills as evaluated by the Faculty Advisor and Faculty Sponsor each quarter.
4. Completion of all practicum, apprenticeship, and residency requirements connected with the degree program, as specified in the Program Overview.

Culminating Project

For graduate students, the culminating project is a significant and original accomplishment. It must demon-



strate that students have mastered the conceptual and methodological skills outlined in the program overview.

The project may be in the form of a written thesis or a creative work, including the use of a wide variety of media. If the project is not a written thesis, it must contain substantial written analytical documentation and demonstrate appropriate research methods. Graduate culminating projects require the guidance and approval of a committee consisting of at least three faculty members and/or resource specialists. The student must successfully defend the culminating project at a meeting of committee members for it to be approved.

MASTER'S PROGRAMS IN ADMINISTRATION

Program Description

Two graduate programs in Administration are offered:

1. The Master of Business Administration (MBA), a general degree.
2. The Master of Science in Administration (MSA), a specialized degree.

Master of Business Administration (MBA)

The MBA program is designed to educate people in advanced administrative and managerial capacities. The clustered learning format of the College for Individualized Education is ideally suited to the manager. In weekly seminars, three related subject areas are combined in one interdisciplinary unit of nine semester hours. This synthesis and the small class size provide a unique atmosphere for full-time study.

The degree program is 5 quarters in length (45 semester hours).

Core Curriculum:

I. Accounting Management and Management Information Systems includes:

- IBA/IHM 510 Financial Accounting Concepts (3)
- IBA/IHM 511 Managerial Accounting (3)
- IBA/IHM 521 Management Info Systems (3)

II. Human Factors in Management and Organizational Structure and Design includes:

- IBA/IHM 540 Organizational Concepts (3)
- IBA/IHM 541 Organizational Development (3)
- IBA/IHM 543 Personnel Management & Labor Relations (3)

III. Foundations of Marketing Function and Marketing Management includes:

- IBA/IHM 550 Marketing Concepts (3)
- IBA/IHM 551 Marketing Development (3)
- IBA/IHM 589 Legal Aspects of Marketing Strategy (3)

IV. Foundations of Finance and Financial Management includes:

- IBA/IHM 530 Financial Concepts (3)
- IBA/IHM 531 Financial Policy (3)
- IBA/IHM 532 Managerial Finance (3)

V. Research Methodology and Culminating Project includes:

- IBA/IHM 593 Management Research and Information (6)
- IBA/IHM 599 Culminating Project/Directed Thesis (3)

Courses of Study

MBA Accounting Management/Management Information Systems

IBA/IHM 510 Financial Accounting Concepts (3) This course treats generally accepted accounting concepts and their influences upon the preparation, analysis, and use of financial statements and reports.

IBA/IHM 511 Managerial Accounting (3) Admission to this course requires a basic understanding of general accounting concepts. The focus of the course is the internal use of accounting data by managers for planning and control purposes.

IBA/IHM 521 Management Information Systems (3) Exploration of computer resources, concepts and applications commonly available to managers, examination of managerial and technical skills and responsibilities required to use information systems. Emphasis is given to the system concept as an integrating approach to visualizing and describing existing management activities with particular attention to data and information.

MBA Management

IBA/IHM 540 Organizational Concepts (3) This course presents theory, research, and their applications that provide the cornerstones for the study of managing within organizations. The functions of management, human behavioral studies, and leadership styles are examined.

IBA/IHM 541 Organizational Development (3) An analysis of primary factors affecting behavior and relations in organizations. Particular emphasis is given to examining the structure and processes of, and behavior within, organizations in order to better understand the management process.

IBA/IHM 543 Personnel Management and Labor Relations (3) This course covers the scope of business and industrial personnel services. Analytical appraisal of policies in labor relations and personnel administration.

MBA Marketing

IBA/IHM 550 Marketing Concepts (3) A study of the principles of marketing activities to plan, price, promote, and distribute goods and services to the consumer and the industrial market. (Not open to students who have had undergraduate marketing)

IBA/IHM 551 Marketing Strategy and Management (3) An analysis of the dynamics of developing a marketing program: establishing a strategy model for entry, maintenance/survival, proliferation/segmentation, exit and re-entry of products and service. Developing the marketing plan for the organization, budgeting, interfacing with the other areas of the organization.

ISA/IHM 589 Legal Aspects of Marketing Strategy (3) A study of the various legal aspects which affect marketing management including anti-trust issues and government agencies constraining strategy; patent, copyright and warranty responsibilities of producers; consumer protection; legal and regulatory issues regarding pricing policies; and areas in promotion and advertising which are regulated by agencies or governed by laws.

MBA Financial Management

IBA/IHM 530 Financial Concepts (3) Admission to this course requires an understanding of general accounting concepts. It deals with managerial functions of finance with emphasis on financial statement analysis, working capital management, capital budgeting, long-term financing.

IBA/IHM 531 Financial Policy (3) This course covers statement analysis, mergers, acquisitions, management/shareholder relations, dividend policy, long-term financing, money and capital market institutions.

IBA/IHM 532 Managerial Finance (3) Evaluation of major financial decisions is the focus of this course. The traditional financial problems normally reserved for executive decision-making are covered in depth.

MBA Research Methodology/Culminating Project

IBA/IHM 593 Management Research and Information (6) A study and review of the various methodologies in securing management information. Evaluating primary and secondary sources of information and data. Survey techniques and construction of research instruments. Presentation of research findings. A review of the various sources of information essential to managing the administrative function.

IBA/IHM 599 Culminating Project/Directed Thesis (3) Demonstration of ability to carry out and write a major research effort.

Master of Science in Administration (MSA)

The Master of Science in Administration (MSA) program is designed to meet the needs of students who may wish to specialize in one of several major areas: Finance, Marketing, Management, or in coordination with Health Management. Specialization within each of these major areas is possible on an individualized basis and may be designed in consultation with one or more Faculty Advisors. The MSA Program places responsibility on the student to identify subject areas to be studied. Following are some examples of courses which might be included.

Accounting Management

IBA/IHM 518 Corporate Tax Planning (3) A study of the practical application of federal and state tax regulations dealing with the corporate business organization. Emphasis is placed on the tax consequences of business decisions and effective tax planning.

IBA/IHM 519 Special Topics in Accounting (3) Utilizes special faculty resources to enable individuals or seminar groups to explore advanced and topical areas of accounting and information systems.

Management Information Systems

IBA/IHM 520 Introduction to Computer-Based Information Systems (3) This course presents the application of computer-based information systems to business functions. Role of database in information systems is emphasized. Topics include computer organization: role of operating systems in data management; data organization and accessing; database concepts, including the goals of a database management system, data independence and dependence, and database models; business applications of information systems; and systems design concepts.

IBA/IHM 521 Management Information Systems (3) An overview of basic terminology and the concepts of management information systems. Various types of applications that are part of an information system are explored, and attention is given to activities involved in information systems development and control. Topics include role of management information systems in organizations; structure of a management information system; database management systems; data dictionary/directory system as a tool for data administration and control, evaluation and selection of data base software; models for representing systems: narrative, mathematical, graphical, tabular, and procedural; information systems development and control.

IBA/IHM 522 Cobol Programming (3) Computer programming for business application in structured Cobol. Applications using sequential file techniques are written, compiled, and executed on the computer. Topics include measure of the quality of structured design and programming; explanation of basic elements of Cobol to handle repetitive business problems such as I/O statements, arithmetic statements, nested IF statements, single and multiple level control breaks, table searching and sequential file updating.

IBA/IHM 523 Quantitative Methods (3) Extensive examination of quantitative techniques used in managerial decision making. Emphasis is placed on recognition of management problems that can be cast in the form of optimization models. Covers linear optimization models, integer programming problems, dynamic programming, inventory models and queuing models. Topics include classical deterministic models; linear optimization models (transformation model, capital budgeting model, blending model, portfolio model); the Simplex method; integer programming problems; selected applications;

dynamic programming (recursive optimization); overview of goal programming, parametric linear programming, stochastic programming, parametric linear programming, stochastic programming and nonlinear programming; inventory models; Queuing models; simulation.

IBA/IHM 524 Systems Analysis and Design (3) The focus of the course is on the systems analysis and design process. Through an analysis of cases the phases of systems development life cycle are presented in detail. Topics covered include computer system evaluation and selection, and project management. Topics: Tools used by the systems analysts; phases of the systems development life cycle: problem definition and classification, data collection and analysis, systems planning; alternative, feasibility study, systems cost determination; systems design: file and data base organization and design; computer system evaluation and selection: project management and control (gantt charts, the critical path method, performance evaluation and review technique, network models); system conversion and implementation.

IBA/IHM 525 Information Systems Project (3) The areas of computer technology, and systems analysis and design are integrated to aid the student in designing large scale application or decision support systems. Topics include development of a system for a local organization (or for a hypothetical application).

Financial Management

IBA/IHM 533 Investment Management (3) Principles of portfolio management, specifically to include risk and security analysis. Types of securities are related to investment policies and goals.

IBA/IHM 539 Special Topics in Finance (3) Utilizes special faculty resources to enable individuals or seminar groups to explore advanced and topical areas of finance.

Management

IBA/IHM 542 Socio-Political Environment of Business (3) A study of the social issues and the legal constraints facing management in the modern industrial society. An examination of regulatory function of government as it affects management decisions, public policy when it is congruent to business policy. Emerging issues which relate to public issues, taxation, environmental, working environments, the corporation as a good neighbor.



IBA/IHM 544 Management and Business Law (3) Study discussion of the terminology, definitions, and principles of contract law applicable to the contractive problems in the operation of a business, including the relevant provisions of the uniform commercial code. The application of the principles of agency law by the entrepreneur/manager in operating the firm, legal liability to his agency and third party with whom he deals, and the legal aspects of businesses in difficulty.

IBA/IHM 545 Business Politics & Strategies (3) Utilizing a top management perspective, this course analyzes the practices and problems confronting the modern business organization. Through analysis of cases, students are required to integrate a knowledge of the functional areas of business in forming solutions to complex business problems.

IBA/IHM 547 Negotiations (Current Issues in Unionism, Collective Bargaining, and Labor Relations) (3) A study of trends and the history of the union as a representative of the worker, current trends and laws directed to collective bargaining and labor relations. An analysis of the collective bargaining process as determined and changed by labor legislation.

IBA/IHM 548 Leadership in Structured Situations (3) Designed to develop understanding of the function and the context of the leadership role in formal organizations through the examination of leadership research and theories of leadership effectiveness. The various bases for exercising influence and the situational factors affecting leadership. Emphasis on understanding the leadership function as well as developing thinking and action capabilities for improving leadership effectiveness.

IBA/IHM 549 Special Topics in Management (3) Utilizes special faculty resources to enable individuals or seminar groups to explore advanced and topical areas of administration.

Marketing

IBA/IHM 552 Marketing Information and Research (3) A study of the various sources of information essential to managing the marketing function. A study and review of the various methodologies in securing marketing information. Evaluating primary and secondary sources of information and data. Survey techniques and construction of research instruments. Presentation of research findings.

IBA/IHM 553 Marketing Communications Management and Policy (3) A study of the various communication systems available to the marketing manager. An analysis of print advertising, electronic advertising, promotions, collateral materials, catalogue development, direct response systems, couponing, etc. Also, budgeting and controlling marketing communications will be discussed. Integrating the communications functions with the sales department and other areas of the firm will be discussed.

IBA/IHM 555 Product Management and Product Development (3) A review and study of the product management system, the role of the product manager in the firm and the interfaces required with other product managers in the firm and the interfaces required with other areas of the organization. The application of strategy models to product management, monitoring, tracking, updating, etc. The developing of new products will be analyzed with methods of evaluation, new venture teams, the pre-entry planning phase, budgeting, and decision trains. Class will develop new product concept.

IBA/IHM 556 Industrial Marketing (3) A study of the unique aspects of operating a marketing program in the industrial market. Case histories will be employed. Data sources and market analysis of industrial markets. The industrial marketing department functions and relations with the sales organization.

IBA/IHM 557 Consumer Marketing (3) An integration of the theories of consumer behavior with materials originating with the social sciences. A review of consumer motivation, buying behavior, market adjustment, customer service. Cases may be employed to explore the various aspects of consumer marketing.

IBA/IHM 558 Management of the Sales Organization (3) An analysis of the organization of the selling function, staffing, training, budgeting, selection, evaluation, setting goals, competitive situation analysis, motivation. Types of organizations applicable to sales function, types of compensation, ranking of sales personnel, etc.

International Business

IBA 570 International Trade (3) An introductory course providing a historical perspective on patterns of trade between and within demographic regions and examining recent shifts in traditional markets and the forces that have

led to them. Current world-wide interests in strategic resources will be examined in this context. Analysis of import/export opportunities, problems, and constraints also is provided, particularly from the American business point of view.

IBA 571 International Risk Analysis (3) Determination and assessment of factors of risk in international business ventures form the core of this course, to include analysis of domestic and foreign constraints imposed by the political and economic environment of multinational business operations. Special emphasis is given to the means for identifying, evaluating, and neutralizing risks related to international law, hyper-inflationary economics, nationalization of assets, revolution, war, and inconvertibility of currency. The roles of governments in heightening and reducing risks also are studied for their impact upon international business.

IBA 572 International Management (3) Organizing, staffing, and managing the international enterprise constitute the core subject matter of this course. Problems for international or multinational businesses begin when pricing, investment, financing, production, and similar decisions that affect foreign subsidiaries are considered by the parent firm. Particular concerns are the adaptation of management to culture, adapting methods to local conditions and attitudes, and agreements and contracts.

IBA 573 International Accounting Systems (3) This course focuses on the international dimensions of accounting. The comparative practices in accounting are reviewed, foreign currency translation, financial reporting and disclosure, analyzing foreign financial statements, international credit environment, transfer pricing and international taxation.

IBA 574 International Marketing (3) The course examines the marketing mix and how it may or may not be standardized for national markets that comprise the international market. Choice of promotional materials, distribution channels, product positioning in terms of price and quality, and other variables that must be in terms of price and quality, and other variables that must be tailored for the international markets. Techniques that can be used for identifying potential markets for broad categories of products or services and implementation of marketing policies within the international arena serve as principal mechanisms for this course.

IBA 576 International Business and Cross Cultural Communications (3) Provides an overview of the international business milieu with specific reference to relations between home and host countries, demographic and geopolitical patterns and problems, the need of international entrepreneurs to familiarize themselves with the common business attitudes, customs, and constraints of other people.

IBA 577 International Finance (3) The course investigates the international financial environment in which businesses and individuals operate. The determinates of exchange rates are examined. International capital markets are analyzed from the point of view of portfolio the-



ory and equilibrium asset pricing. The unique problems of the financial manager operating internationally are considered, to include foreign taxation, working capital management, sources of funds, international and regional financial institutions, commercial documents, and international trade organizations. Prerequisite: IBA 530

Special Administration Subjects

IBA 580 Production/Systems Management (3) An essentially non-mathematical coverage of project management and systems management programs, including project evaluation, goal determination, PERT/criteria path methods, matrix management, and the appropriate uses of evaluation techniques and reporting systems.

IBA 581 Managerial Economics (3) A course designed to provide tools for analysis of economic problems, primarily micro, and their impact upon managerial decisions and policies.

IBA 582 Analysis of Business Conditions (3) The course is designed to develop one's ability to interpret economic trends and analyze forecasts of business conditions. The course emphasizes macroeconomic and monetary policy, and the institutional environment of the U.S. economy.

IBA 593 Management Research and Information (6) A study and review of the various methodologies in securing management information. Evaluating primary and secondary sources of information and data. Survey techniques and construction of research instruments. Presentation of research findings. A review of the various sources of information essential to managing the administrative function.

ICU 599 Culminating Project/Directed Thesis (3) Demonstration of ability to carry out and write a major research effort.

MASTER OF ARTS IN PROFESSIONAL PSYCHOLOGY

Program Description

The Master of Arts in Professional Psychology program is designed to prepare master's level psychology practitioners.

It provides students with a broad base of psychological knowledge and theory, and it integrates this with extensive training and practice in the use of psychotherapy skills. Graduates of the program are qualified to work in a variety of mental health settings and to conduct individual and group therapy. Graduates interested in further training are well equipped to pursue doctoral studies at other institutions.

The Professional Psychology program is intensive and comprehensive, requiring 60 semester hours of course work and applied experience. Students who take classes year-round can complete the course work in two years. Additional time is usually needed to finish practicum and thesis requirements. Students with interests in special topics may wish to extend their programs by taking elective courses.

Students must obtain a minimum of 600 hours of supervised practicum experience. Practicum placements may be arranged with a variety of mental health agencies in the St. Louis metropolitan area. The focus of practicum is the direct delivery of psychological services to clients. Practicum students receive one-to-one supervision from qualified professionals at their field sites, and they also participate in a group supervision seminar conducted by a faculty member of the Professional Psychology program.

Each student is required to do a thesis research project. The thesis must make a contribution to knowledge in the field and demonstrate that the student is competent in conducting and evaluating psychological research.

Core Curriculum:

FIRST YEAR

Quarter I:

IPP 511 History and Systems of Psychology (3)
IPP 512 Ethics and Professional Issues (3)
IPP 513 The Helping Relationship (3)

Quarter II:

IPP 521 Developmental Psychology and Human Growth (3)
IPP 522 Theories of Personality (3)

Quarter III:

IPP 531 Psychopathology I (3)
IPP 532 Psychopathology II (3)

Quarter IV:

IPP 541 Research Methods (3)



IPP 542 Statistics (3)
ICU 599 Culminating Project/Directed Thesis (3)

SECOND YEAR

Quarter I:

IPP 551 Counseling & Psychotherapy:
Theory & Practice I (3)
IPP 552 Counseling & Psychotherapy:
Theory & Practice II (3)
IPP 590 Practicum in Professional Psychology (1)

Quarter II:

IPP 561 Social and Cultural Psychology (3)
IPP 562 Group Dynamics, Process & Psychotherapy (3)
IPP 590 Practicum in Professional Psychology (1)

Quarter III:

IPP 571 Seminar in Biological Bases of Behavior (3)
IPP 572 Seminar in Cognitive Affective Bases of
Behavior (3)
IPP 590 Practicum in Professional Psychology (2)

Quarter IV:

IPP 581 Career and Lifestyle Development (3)
IPP 582 Appraisal of Individuals (3)
IPP 590 Practicum in Professional Psychology (2)

Courses of Study

IPP 511 History and Systems of Psychology (3) Study of the history of psychology to gain perspective on modern psychological theories, concepts, and intervention strategies.

IPP 512 Ethics and Professional Issues (3) Introduction to professional organizations and codes of ethics. Examines professional identity issues in the mental health field and explores current political, legal, and ethical issues affecting the practice of psychotherapy. Reviews the current status of professional training standards and licensing.

IPP 513 The Helping Relationship (3) Theoretical and applied study of the helping relationship with an emphasis on the development of therapist and client self-awareness. Includes an introduction to consultation theory and practice.

IPP 521 Developmental Psychology and Human Growth (3) Study of human growth and development from infancy through adulthood. Covers psychological, sociological, and physiological aspects of development. Examines developmen-

tal theories and constructs, focusing on what they contribute to an understanding of normal and abnormal development and how they guide intervention strategies.

IPP 522 Theories of Personality (3) Study of the major theories of personality and their application to the practice of psychotherapy.

IPP 531, 532 Psychopathology I, II (3) (3) Study of psychopathology with an emphasis on description, development, and treatment. Examines basic concepts and categories used in descriptions of deviant behavior and abnormal personality. Considers general causal factors in the context of differing theoretical perspectives. Explores diagnostic and therapeutic concerns.

IPP 541 Research Methods (3) Principles and methods of designing psychological research. Hypothesis stating, experimental design options, data analysis and interpretation. Prepares students to design research and to analyze research literature.

IPP 542 Statistics (3) Introduction to the statistical analysis of psychological research and the evaluation and application of findings.

IPP 546 Art Therapy History and Theorists (3) Survey of historical antecedents and major theorists in the field of art therapy. Includes consideration of art therapy identity issues and a broad range of theoretical orientations.

IPP 547 Creativity and Image Formation (3) Examines the nature of creativity from psychological, philosophical, and biological perspectives. Studies image formation as it relates to understanding personality and behavior change.

IPP 548 Art Therapy Methods and Materials (3) Experiential and didactic examination of art materials as utilized in the service of therapy.

IPP 551, 552 Counseling and Psychotherapy: Theory and Practice I, II (3) (3) Study of the basic theories, principles, and methods of counseling and psychotherapy. Involves experiential integration of theoretical material with therapy approaches.

IPP 561 Social and Cultural Psychology (3) Study of the social bases of behavior with an emphasis on the influence of culture. Examines the impact of social, cultural, economic, political, racial, religious, and sexual factors on human behavior. Explores a broad range of topics including attrac-

tion, affiliation, conformity, aggression, prejudice, sexism, processes of social change, ethnic groups, urban and rural societies, changing roles of men and women, differing life patterns, and use of leisure time.

IPP 562 Group Dynamics, Process, and Psychotherapy (3) Study of the principles of group dynamics with an exploration of the processes of group interactions. Examines types of groups and theories and techniques of group counseling and psychotherapy.



IPP 571 Seminar in Biological Bases of Behavior (3) Topics vary from term to term. Topics that may be presented include biopsychology, physiological psychology, psychopharmacology, neuropsychology, sensation, perception, and human sexual behavior.

IPP 572 Seminar in Cognitive-Affective Bases of Behavior (3) Topics vary from term to term. Topics that may be presented include learning theory, thinking, memory, motivation, and emotion.

IPP 581 Career and Lifestyle Development (3) Study of major theories of career development including career choice theories and models of career decision making. Examination of the relationship between career choice and lifestyle. Introduction to career counseling techniques and sources of occupational and educational information.

IPP 582 Appraisal of Individuals (3) Introduction to psychometrics and methods of appraisal. Examines several data collection approaches including interviewing and testing. Considers factors affecting data interpretation such as age, sex, and ethnic and cultural background. Students learn how to use and interpret inventories such as the Minnesota Multiphasic Personality Inventory, the California Personality Inventory, the Strong-Campbell Interest Inventory, and the Myers-Briggs Type Indicator.

IPP 588 Independent Study in Special Topics (3-9) Student selects a special topic in psychology and develops and pursues a program of study under the guidance of an expert in the field.

IPP 589 Seminar in the Theory and Practice of a Therapy Modality (3-9) Each seminar focuses on one mode of psychotherapy and provides an in-depth examination of its theory and practice.

IPP 590 Practicum in Professional Psychology (1-6) Students engage in clinical practice in agency settings under the supervision of qualified professionals. Students also participate in a supervision group led by a faculty member. Advance approval from the Professional Psychology Faculty Advisor is required for registration.

ICU 599 Culminating Project/Directed Thesis (3) Students register for thesis credits concurrently with IPP 541 Research Methods and IPP 542 Statistics. While taking this cluster of course work, they design their thesis proposal. After completion of the cluster, they work on implementing their proposal at their own pace. They receive an incomplete grade

for their thesis credits until their thesis is finished and is approved by a review committee.

Master of Science in Health Management

Program Description

The LCIE Master of Science in Health Management is designed for practicing professionals in the health and human service professions. Curriculum content is based upon recommendations of the Accrediting Commission on Education for Health Services Administration. This is a 54 semester hour program.

The program prepares the student in core administrative areas, providing training appropriate for management positions in ambulatory, community, long-term, and acute care organizations. Program emphases are on ambulatory, community and long-term management, research and planning and health promotion. For advanced students (students with previous preparation in administrative science) there is ample opportunity for individualizing a master's program with specialization in administration, communications, information systems, promotion and education, or research and planning.

A distinctive feature of the program is that the fifth and sixth quarters are taken in conjunction with a keystone seminar and culminating project. The keystone seminar meets biweekly and introduces the student to significant, emerging developments in health care organization and management through site visits, guest speakers, and media presentations. The seminar also presents case studies for student review and analysis. The culminating project is a planning, program development, or research assignment undertaken by the student for his/her own employer at an organization affiliated with the health management program.

Residency requirements for this program are integrated into the student's employment and academic work. The residency requirement may be individualized so that the student may prepare for one of Missouri's health care licensure examinations.

Core Curriculum:

Quarter I: Foundations of United States Health Care

IHM 560 Alternative Health Care Systems (3)

IHM 561 Organization and Operations of the United States Health Care System (3)

IHM 562 History and Development of the United States Health Care System (3)

Quarter II: Human Factors in Management and Organizational Structure and Design

IHM/IBA 540 Organizational Concepts (3)

IHM/IBA 541 Organizational Development (3)

IHM/IBA 543 Personnel Management and Labor Relations (3)

Quarter III: Foundations of Finance and Financial Management

IHM/IBA 530 Financial Concepts (3)

IHM/IBA 531 Financial Policy (3)

IHM/IBA 532 Managerial Finance (3)

Quarter IV: Health Care Ethics and Law

IHM 504 Issues in Social Ethics of Health Care

IHM 505 Issues in Biomedical Ethics (3)

IHM 506 Health Care Law and Legislation

Quarter V: Research and Planning

IHM 565 Community Health Planning Methods (3)

IHM 566 Administrative Planning Methods (3)

IHM 567 Applied Research Design and Methods (3)

Quarter VI: Special Electives

IHM 563 Community Care (9)

IHM 564 Ambulatory Care (9)

IHM 570 Long-Term Care (9)

Courses of Study

Foundations of the United States Health Care System

IHM 560 Alternative Health Care Systems (3) An introduction to changes in the organization and provision of health care. Includes the study of health maintenance organizations, preferred provider arrangements, emergency centers, hospice, adult day and respite care, community care and health promotion.

IHM 561 Organization and Operation of the United States Health Care System (3) Study of the existing health care system in the United States. Health care economics, organization, politics and professional preparation and services are some of the subject areas covered.

IHM 562 History and Development of the United States Health Care System (3) Study of the United States health care system including sociocultural, organizational and professional development.



IHM 563 Community Care (9) Introduction to the structure of the human community and community organization. Readings in the provision of health and human services within the local community and in-depth analysis of selective community care options (e.g., home care, day care, hospice care, health promotion).

Human Factors in Managements and Organizational Structure and Design.

(See listing in LCIE MBA Program)

Foundations in Finance and Financial Management.

(See listing in LCIE MBA Program)

Health Care Ethics and Law

IHM 504 Issues in Social Ethics of Health Care (3) An introduction to selective issues of social ethics in health care. The allocation of scarce resources, equity in the provision of health care, barriers to the availability and accessibility of health care, and professional accountability are some of the topics discussed.

IHM 505 Issues in Biomedical Ethics (3) An introduction to selective issues in biomedical ethics in health care such as death and dying, abortion rights, the right to life, organ transplantation, genetic engineering.

IHM 506 Health Care Law and Legislation (3) Presentation of current health care legislation, patient care issues, regulation.

Research and Planning

IHM 565 Community Health Care Planning (3) A presentation of the methods and approaches to estimating health care needs, identifying resources, and evaluating the impact of new services.

IHM 566 Administrative Planning Methods (3) Introduction to the basic methods used in strategic planning, program development, program implementation, and evaluation.

IHM 567 Applied Research Design and Methods (3) Introduction to research design and methodology, basic research methods, and research in applied settings.

Special Electives

IHH 500 Holistic Health Theory (3) Interdisciplinary theory of health and wellness of the whole person: physical-chemical, psychological, social, environmental, spiritual. Study of historical-cultural understanding of health philosophies and practices (Western, Yoga, Chinese, etc.), interpersonal communication and human potential.

IHH 510 Holistic Health Psychology (3) Study of psychologies, including humanistic and transpersonal, relevant to human potential, development and total health: Freud, Jung, Rogers, Maslow, Gestalt, Yoga, Christian, overview of relevant psychophysiology.

IHH 520 Holistic Health Practices (3) Theory and introduction to selected practices in wellness and self-care: Yoga, relaxation, breathing, uses of imagery, meditation, interpersonal communication, etc. Review of current research.

IHM 564 Ambulatory Care (9) Examination of ambulatory medical care, its development within the U.S. health care system, present aspects, and possible future developments.

IHM 565 Community Care (9) Introduction to the structure of the human community and community organization. Readings in the provision of health and human services within the local community and in-depth analysis of selective community care options (e.g., home care, day care, hospice care, health promotion).

IHM 570 Long-Term Care (9) Introduction to Social Gerontology. An examination of long-term care, its development within the U.S. health care system, present aspects, and possible future developments.

ICU 599 Health Management (3-9) The culminating project is a planning service, development or research assignment undertaken by the student with his/her own organization or at an organization affiliated with the graduate program. A culminating keystone seminar is taken toward the end of the graduate program. This seminar is designed to provide practical and methodological guidance to the student in completing the culminating project.

Master of Valuation Sciences

Program Description

The College for Individualized Education degree program in Valuation Sciences meets the vital needs for the appraisal profession. It provides both a broad and specialized theoretical education as well as skills for valuation and appraisal. Students in the program have careers in many fields: real estate; business; appraisal of personal property, antiques, and fine arts; art history; archaeology; museums; banking; government; engineering; and marketing research. Students without appraisal experience complete internships in the field.

These are the objectives of the Valuation Sciences program:

1. Interdisciplinary knowledge of appraisal principles, procedures, and methodology.
2. Knowledge of motivation and valuing, consumer and investor behavior.
3. Knowledge of contemporary global social-economic issues.
4. Knowledge of business law and other topics relating to appraisal.
5. Interdisciplinary knowledge and skills in valuation, finance, and investment analysis.
6. Special knowledge of chosen emphasis: e.g., real estate, personal property, business valuation.
7. Acceptable appraisal documentation.
8. Preparation to obtain certification as an appraiser.

The Master of Valuation Sciences degree program is adaptable to the widely varying needs of specific students. Persons with little or no experience or knowledge in the field will complete a structured program of studies and internship to provide essential knowledge and working skills in appraisal. Such applicants should familiarize themselves with the active market in their desired fields, e.g., antiques, real estate. Appraisers and others with experience and prior appraisal studies can request individualized programs suited to their own abilities and objectives. All students develop interdisciplinary appraisal knowledge and skills and appraisal-related business studies. They also complete specialized studies in their chosen fields of appraisal. During their first term all students review global social-economic influences bearing on appraisal. An undergraduate study of economics is a prerequisite for admission. All programs require a minimum of 36 semester hours of study for the degree. Students in residence, holding Bachelor's degrees, can complete this program, with thesis, in one full year.

As a capstone of their program, students complete a comprehensive culminating project. This project will demonstrate (1) an understanding of the historical, theoretical, economic, and motivational sources of valuing and appraisal; (2) relevant business knowledge and skills; and (3) knowledge of relevant appraisal concepts, methods and skills. In addition, all students must verify that they can write an acceptable appraisal report. Professional faculty guidance is available throughout the program. Graduates of the program have contributed significantly to the appraisal profession through publication of their final projects.

Graduate students in Art History or Studio Art interested in appraisal should consult the Director of Valuation Sciences and their Art advisor.



Core Curriculum:

- Quarter I: Valuation Theory and Practice
 IVS 500 Appraisal Theory and Practice (3)
 IVS 509 Value Influences and Analysis
 and
 IVS 501 Personal Property Appraisal (3)
 or
 IVS 505 Real Estate Appraisal
- Quarter II: Appraisal Specializations
 Real Estate Emphasis
 IBA 530 Financial Concepts (3)
 IBA 531 Financial Policy (3)

- IBA 532 Managerial Finance (3)
 or
 Personal Property Emphasis
 IVS 560 Material Culture: 1680-1840 (3)
 IVS 564 Craftsmanship: 1680-1840 (3)
 IVS 568 Connoisseurship and Identification (3)

- Quarter III: Valuation Core
 IVS 540 Investment Strategy (3)
 IVS 541 Advanced Interdisciplinary Study (3)
 IVS 542 Financial Analysis (3)

- Quarter IV: Culminating Studies
 IVS 580 Appraisal Documentation (3)
 IVS 586 Advanced Review of Appraisal (3)
 IVS 600 Culminating Project (3)

Courses of Study

IVS 500 Appraisal Theory and Practice (3) Interdisciplinary study of the foundations of value theory, appraisal principles, and procedures; value concepts and history, theory of ownership and property, purposes and methods of valuation. Applications to real estate and personal property. Appraisal ethics.

IVS 501 Personal Property Appraisal (3) Study of principles and procedures in personal property appraisal; purposes and functions, types of appraisal, identification, authentication, condition, provenance, ranking, market, and income methods, and the appraisal report. Applications and case studies in fine arts, antiques, and decorative arts.

IVS 503 Gems and Jewelry Appraisal (3) Identification, analysis and valuation of gems and jewelry.

IVS 504 Business Valuation (3) Economic, corporate and industry analysis; data sources; closely-held corporations; taxation; intangibles; financial analysis and valuation.

IVS 505 Real Estate Appraisal (3) Study of principles and procedures in real estate appraisal: capital and financial markets, neighborhood and data analysis, highest and best use, cost, market and income methods, capitalization, and the appraisal report. Applications and case studies.

IVS 506 Machinery and Equipment Appraisal (3) Identification, inspection, description, conditions; depreciation; costs and sales analysis; liquidation.



IVS 509 Value Influences and Analysis (3) Identification and Analysis of forces influencing appraised values: social, political, environmental, economic. Sample topics: Business and appraisal ethics, social responsibility of business, global economics, regional and national economic analysis, environmental problems, consumer-investor behavior, consumer rights, equal opportunity, government regulation, public policy.

IVS 580 Appraisal Documentation (3) Analysis and reconciliation of data and valuation conclusions; components of reports; ethics and documentation; report writing; alternate forms of reporting; communication skills; expert witness.

IVS 586 Advanced Review of Appraisal (3) Advanced work in student's specialization, with review of topics involved in professional examinations: e.g., ethics, principles and definitions, descriptions and analysis of properties, methods, capitalization, financial and statistical analysis, report-writing, law and taxation, expert witness testimony.

ICU 599 Culminating Project (3) Final project and paper dealing with a selected problem in valuation and appraisal: theory, history and sources of valuing, motivation, principles and methods of appraisal, applications in real estate, personal property or business valuation.

Sample Individualized Programs:

Finance and Investment Analysis, Inflation and Valuation, Mass Appraisal Methodology, Tax Re-Assessment Policies and Procedures, Social-Economic History of Arts, Interdisciplinary Appraisal Methodologies.

Master of Arts in Gerontology

Program Description

The College for Individualized Education has provided education for the understanding of the human aging process and the problems associated with being elderly in the United States, since 1980. Students interested in understanding aging, in providing service to older individuals, in affecting social change for the benefit of the elderly or in conducting gerontological research are served by Lindenwood's graduate programs in Gerontology. In 1984, a graduate certificate program was added to meet the needs of those who seek a specialty in Gerontology, but who have completed other graduate degree programs.

There are no typical graduates of the Lindenwood Institute for Intergenerational Studies. Alumni serve as directors of retirement housing complexes, managers of multi-service senior centers, nursing home administrators, gerontopharmacologists, researchers, founders of home health agencies and in a range of other careers dedicated to serving older Americans. Programs of study, therefore are individualized to provide areas of concentration toward a variety of career paths. Many students elect to take a practicum or residency in a particular agency to develop practical knowledge in an area of service to the elderly. The general aim of the programs in Gerontology is to provide a solid foundation in the theories and research in Gerontology and then to allow each student to specialize in a particular area of interest.

The Master of Arts in Gerontology is a 36 semester hour program in an area of concentration; and a thesis project for a final 3-9 semester hour component.

Graduate Certificate in Gerontology

The Graduate Certificate in Gerontology is a 27 semester hour program which is identical to the Master of Arts program in content except that a thesis is not required.

Core Curriculum:

Quarter I:

- IGE 511 Sociology of Aging (3)
- IGE 512 Psychological Aspects of Aging (3)
- IGE 513 Physiological Aspects of Aging (3)

Quarter II:

- IGE 520 Community Organization and Resource Allocation (3)
- IGE 521 Social Policy in Gerontology (3)
- IGE 522 Service Provision to the Elderly (3)

Quarter III:

- Specialized Study in Student's area of interest (9)

Quarter IV:

- IGE 500 Practicum in Gerontology (1-6)
- ICU 599 Culminating Project (3-9)

Courses of Study

IGE 500 Practicum in Gerontology (1-6) Students are placed in setting from a variety of gerontological services. Typically a practicum extends for a 14 to 28 week period.

IGE 511 Sociology of Aging (3) Attention is directed toward eradicating major myths and stereotypes regarding the elderly and the aging process. Emphasis is on Sociocultural theories of aging and the role of the older individual in society today. Topics include housing, transportation, health, income, retirement role change and intergenerational relationships.

IGE 512 Psychological Aspects of Aging (3) This course discusses current psychological theories of aging. Various behavioral functions in late life are examined including intelligence, memory and personality development. The major functional and organic psychopathologies are discussed.



IGE 513 Physiological Aspects of Aging (3) This course examines the biological and physiological changes associated with the aging process. Both normal and pathological changes are discussed. Special attention is directed toward correcting stereotyped notions regarding the aging process. Students investigate and critique several biological theories of aging.

IGE 520 Community Organization and Resource Allocation (3) The application of community organization concepts and techniques of administration to the planning organization, financing and management of social services, health services, informal education and volunteer

generated programs for older adults. This course explores operations of health, housing, social and nutrition programs in light of economic and political constraints.

IGE 521 Social Policy in Gerontology (3) This course focuses on the political forces that shape official policies toward aging in America at all levels of government, with emphasis on federal policies. Through the use of selected examples, the course examines the impact of political vested interests in shaping the enactment and implementation of legislation for the elderly. Topics include: retirement income, housing subsidies, age discrimination, the Older Americans Act and state and local programs.

IGE 522 Service Provision to the Elderly (3) This course focuses on specific programs that are designed to provide psycho-social and health services to the elderly. Programs under review include those already in existence and potential variations that might be proposed. Designed to aid human services practitioners, managers and policy makers in understanding basic objectives, approaches, and options in the most effective means of delivering services to the elderly.

ICU 599 Culminating Project (3-9) Thesis studies may be analytical or demonstration projects. Topics and methods are selected with Faculty Advisor approval.



Graduate Programs in Performing Arts: M.A., M.F.A.

Program Description

The Performing Arts Department at Lindenwood offers the Masters of Arts and the Master of Fine Arts degrees in Theatre. The Master of Arts degree is a general theory-based program, particularly applicable to public school and junior college teachers. The Master of Fine Arts is a terminal performance-oriented degree with specific emphasis in acting, direction, or design/technical theatre.

Admission to any of the degree programs requires an undergraduate degree from an accredited college or university. An undergraduate major in a theatre-related area is not required. Students should, however, be prepared to demonstrate their potential for success in advanced study in Performing Arts. Those students applying for the Master of Fine Arts program are required to audition, submit a portfolio, or participate in an interview. The process will depend upon their career emphasis.

Students wishing to apply should complete an application form, available through the Admissions Office at Lindenwood and submit copies of their graduate or undergraduate transcripts along with three letters of recommendation. No more than 9 credit hours can be transferred into the program.

A minimum of a one year residency is required of all graduate students at Lindenwood. During the residency, graduate students are expected to audition for and/or participate in each major season production.

Candidates for degrees at Lindenwood must pass comprehensive examinations in five areas of Performing Arts specialization. Students will be examined in the areas of theatre history, theatre literature, and directing theory. Students may select the other two examination areas from acting, dance, film, management, music, technical theatre, or theatre education. This series of examinations must be passed prior to a student's completion of one half of the curricular graduation requirements. Specific details of the ex-

amination process are available through the departmental office.

Each semester students will participate in an evaluation with all faculty members of the department. This evaluation will give students direction as they select a concentration area. The faculty may place students on departmental probation or suspend them from the program if the quality of the curricular and extracurricular work has been deficient. It is assumed that all graduate students will maintain a "B" average and not more than 3 semester hours of "C" will be accepted towards the M.A. degree nor more than 6 hours of "C" towards the M.F.A.

Master of Arts

Program Description

This program consists of the successful completion of 30 graduate semester hours and can be completed in three full-time semesters. The course of study cannot be extended beyond seven years. Students are required to take 15 hours of prescribed study which include:

- TA 501 Graduate Acting Studio (3)
- TA 511 Graduate Directing Studio (3)
- TA 525 Research Methods in Theatre (3)
3 hours in Theatre History
3 hours in Dramatic Literature

The additional 15 hours should be developed in consultation with a graduate advisor and constitute a specialization in a Performing Arts related discipline. A thesis is not required but students may opt to fulfill a 6 hour thesis project.

Master of Fine Arts

Program Description

This program consists of the successful completion of 60 hours of graduate work. The student is required to have a specialization in acting, directing, or design/technical theatre. With this requirement students are expected to complete at least 18 hours of their curricular work in this specialization which culminates in a creative thesis. The student is also expected to fulfill a 6 to 9 hour internship in a professional theatre. The prescribed curricular requirements for all Master of Fine Arts candidates are as follows:

- TA 525 Research Methods in Theatre (3)
- TA 565 Professional Internship (6-9)
3 hours in Theatre History
3 hours in Dramatic Literature
12 hours in the specialty
- TA 600 Master's Project (6)

Courses of Study

TA 500 Theatre Practicum (I) Practical work in a theatre related area.

TA 501, 502, 503, 504 Graduate Acting Studio, I, II, III, and IV (3) (3) (3) (3) Application of the acting techniques of Stanislavski, Grotowski, and others to assigned scenes and the development of audition techniques are explored. Admittance to class by audition only.

TA 505, 506 Performance Practicum (3) (3)

TA 507 Stage Voice (3) Stage voice deals with learning to relax and expand the actor's voice potential. A series of relaxation and vocal exercises will be used to help strengthen the voice. The student will study the mechanics of the voice and how it works, as well as how to safely use the voice. Phonetics, Shakespeare, and scan-sion are studied in the class.

TA 508 Stage Combat (3) Combat mime is the study of martial movement and illusionistic pantomime. Prerequisite: TA 106 and consent of instructor.

TA 509 Theory and Composition of Dance (3) In a performance setting students study dance theory and fundamental skills in choreography. This analysis class combines actual dance techniques with basic performance theory. Prerequisite: Consent of instructor.

TA 510 Graduate 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.

TA 511, 512, 513, 514 Graduate Directing Studio I, II, III and IV (3) (3) (3) (3) Application of theories and styles of directing for various kinds of plays. Presentation of short plays in the studio theatre. Evaluation of directing skills and methods of individual growth.

TA 515 Director/Designer Seminar (3) In-depth exploration of the relationship of the director and designer in production; uses both theoretical projects and actual studio productions for study. Prerequisite: TA 511 or TA 551.

TA 525 Research Methods in Theatre (3) Research methods in theatre are explored. Application of procedures by presentation of a series of short papers dealing with a variety of research problems.

TA 530,531 History of the Theatre I, II (3) (3) In-depth study of specific periods of performing arts history. Playwrights, social conditions and trends in theatre architecture for each period will be discussed.

TA 532 Special Studies in Theatre History (3) Prerequisite: Consent of instructor.

TA 533 Shakespeare and English Drama to 1600. (3) A study of English drama before 1600, with emphasis on the principal comedies and historical plays of Shakespeare.

TA 534 Shakespeare and English Drama 1600 to 1642. (3) A thorough study of the major tragedies and tragicomedies of Shakespeare, together with selected plays by other Tudor and Stuart dramatists.

TA 535 Modern Drama (3) Study of the developments in western theatre and drama from the origins of modern drama to the present.

TA 536 Survey of Dramatic Literature. (3) This course is designed to establish a firm foundation in dramatic literature. Thirty plays from eleven periods will be read and analyzed.

TA 537 Anti-Theatre in Earlier 20th Century Drama (3) A study of the Avant Garde, Dada, Surrealist, Epic and absurd theatre movement in terms of their plays, their various manifestos, and their aesthetic relationships to the culture of Western Europe and America in the 20th century.

TA 538 Greek Drama (3) Reading of representative works of Aeschylus Sophocles, and Euripides, with attention to the cultural background. Through discussion and additional readings the class will attempt to develop a concept of tragedy, using Aristotle's "Poetics" as a starting point. Selected plays of Aristophanes will round out the picture of Greek drama and provide further insight into the times.

TA 539 Comedy: Its Origin and Development (3) An investigation of the nature of laughter and the function of comedy in society. Lover or scoundrel, the comic hero is the "wise fool" upholding basic human values of mirth and pleasures in a society caught up in its own complacency. Papers and projects may deal with topics such as the feast of fools, Mardi Gras, clowns and jesters, vaudeville, and comedians of the silent film.

TA 546 Introduction to Arts Management (3) Budgets, contracts, box-office procedures, public relations, personnel, and executive policies of the school, and community and professional theatre are investigated.

TA 551, 552, 553, 554 Graduate Design Studio I, II, III and IV (3) (3) (3) (3) Application of theories and styles of costuming, lighting and/or scenic design for various kinds of plays. Development of portfolio materials in the area.

TA 556, 557, 558, 559 Graduate Technique Studio I, II, III and IV (3) (3) (3) (3) Application of advanced technique to the practical setting in the areas of costuming, lighting, and stage construction. Development of tools applied to advanced theatre craft.

TA 565 Professional Internship (3-9) Join a professional theatre in a performance position in the area of acting, directing, stage management, technical theatre, or theatre management. Prerequisite: Acceptance into company and consent of instructor.

TA 593 Independent Study. Investigation of specific theories, artists, techniques, or literary periods in theatre history as related to the student's special interest area. Topic developed by the student. May be repeated for a maximum of 12 hours.

TA 600 Thesis (3-6) The student will present a final project which represents his or her level of accomplishment in the selected area of emphasis. Projects are presented to the theatre faculty for approval the term prior to enrollment in the course.



Graduate Program in Art: M.A.

Program Description

The Department of Art offers the Master of Arts degree in Studio Art with concentrations in the areas of ceramics, design, drawing, painting and photography.

Graduate offerings in Studio Art and Art History also fulfill program requirements for graduate degrees in Education and Valuation Sciences.

Admission Requirements

1. Fulfillment of general requirements for admission to graduate status as outlined in this catalog.
2. Successful completion of an undergraduate major in Studio Art, with a minimum grade point average of 3.0 in all art courses.
3. Submission of a portfolio of the applicants creative work for review by the Art faculty. The portfolio should include representative examples of works in varied media as well as a fuller selection of works in the studio area proposed for concentration. Slides or colored photographs of professional quality may be included as part of the portfolio. The request for the portfolio review should be made to the departmental chairperson as early as possible in the admissions process.
4. A conditional admittance to the graduate program in art, based on the evaluation of undergraduate preparation or determined at the time of the portfolio review, requires the successful completion of specified course work prior to full admittance to graduate program. Undergraduate credit will be awarded for courses completed during the conditional status and is not applicable toward a graduate degree.
5. Full admittance to the graduate program requires the endorsement of the chairperson of the Department of Art.

Degree Requirements

1. Completion of 36 hours of graduate courses in art, distributed as follows:
 - 21 hours Studio Art area (or areas) of concentration
 - 6 hours Studio Art courses outside of the area of concentration
 - 6 hours Courses in Art History or art criticism

- 3 hours Exhibit and thesis project
2. Satisfactory completion of an oral review of the graduate exhibit and thesis conducted by the thesis committee of three faculty members, two of whom are members of the Art faculty.
3. Completion of graduate studies with a minimum grade point average of 3.0.
4. 24 hours of credit must be earned in regularly scheduled classes.
5. No more than 12 hours of approved transfer credit at the graduate level may be included in meeting the degree requirement of 36 hours.

Courses of Study

Art History (3) Graduate study in Art History is offered in conjunction with the course offerings at the undergraduate level. A 500 prefix is added to the course selected. In addition to the normal requirements for the Art History courses, the graduate student is required to complete additional research or critical study of a quality commensurate with graduate-level work.

ART 505 Painting (3) Advanced painting in acrylic, oil, watercolor, or mixed media. Assigned problems in composition and color. Research problems directed to the needs and interests of the students. Lab fee.

ART 510 Printmaking (3) Advanced work in intaglio and relief processes. Designing for the graphic media and the technology of printmaking are emphasized. Research problems directed to the needs and interests of the student. Studio fee.

ART 530 Drawing (3) Advanced drawing in which a variety of media are explored. Problems with figurative imagery are emphasized. Research problems directed to the needs and interests of students. Lab fee.

ART 540 Ceramics (3) Advanced study of ceramics. Problems in clay design using varied methods of forming. The study of different clays and their properties, glaze calculations, and varying firing procedures are included. Production of sculptural as well as functional works. Research problems directed to the needs and interests of students. Studio fee.

ART 550 Design (3) Advanced study in one or more areas of design employing media appropriate to the area of study. Problems in alternate design solutions. Research study directed to the needs and interests of students. Lab fee.

ART 581 Photography (3) Study in photography or photographically derived imagery. At the outset of the course, the methodology, the creative direction, and the criteria for evaluation are determined in conjunction with the instructor. Research study directed to meet the needs and interests of the student. Lab fee.

ART 591, 592, 593 Independent Study in Art (1-3) Independent study in Studio Art and Art History. A program of study is formulated with an advisor outlining the research tools and procedures to be followed and stipulating the methods of evaluation. Presentation of the final project in terms of a research paper and/or preparation of works for exhibition.

ART 599 Directed Thesis (3) The directed thesis consists of an exhibit of selected works completed during graduate studies and a supporting thesis. The exhibit process includes the selection of works, the mounting and framing of works in keeping with professional standards, the design of exhibition space, and the preparation of publicity related to the exhibit. The supporting thesis should include aesthetic considerations related to the body of the works along with a critical evaluation of the works. The exhibit and thesis must be approved by a committee of three, of whom two are members of the Art faculty.

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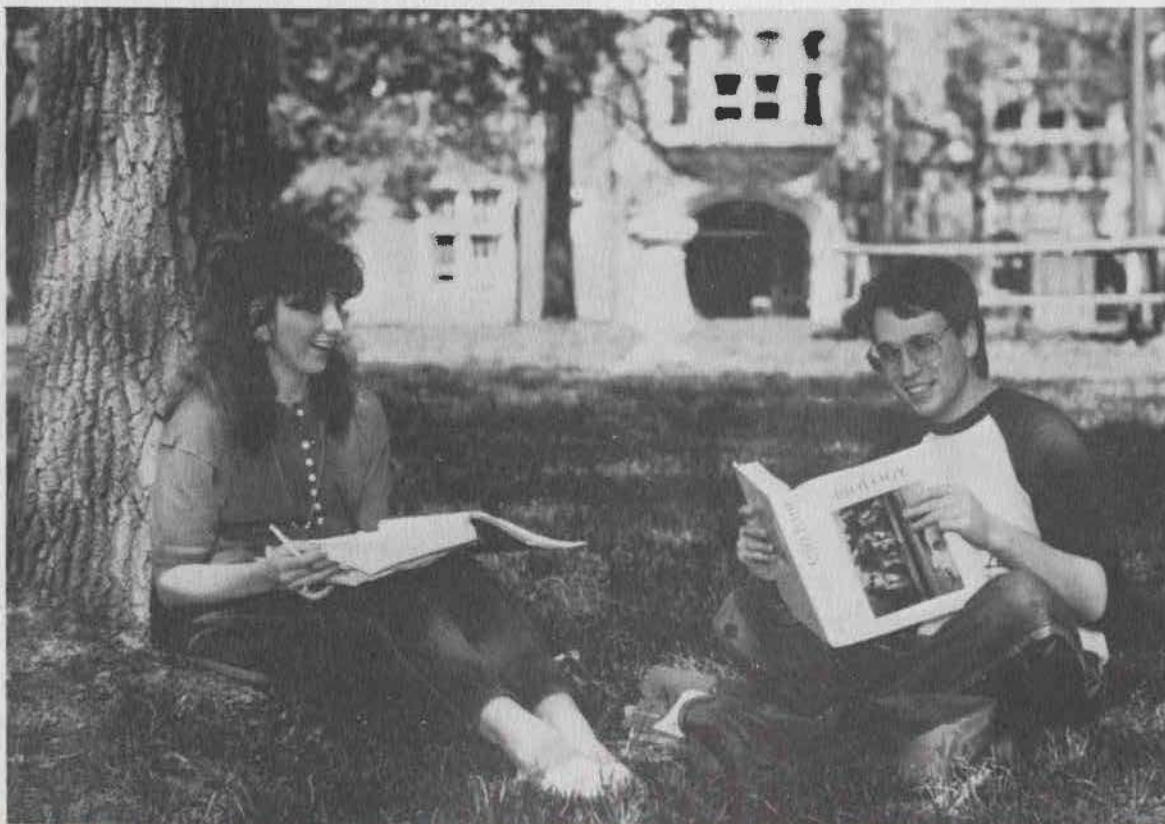
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Donovan, Jeanne, Associate Professor, Education, 1978; B.A., Fontbonne College; M.A., Ph.D., George Peabody College for Teachers.

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Eckert, W. Dean, Chairperson, Professor, Art, 1968; B.A., B.F.A., M.A., Ohio State University; Ph.D., University of Iowa.

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

Ezvan, Kazimiera, Assistant Professor, Business, Administration, 1984 Technical University of Wroclaw, Poland; Ph.D., Southern Illinois University.

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

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