



william jewell college

EDUCATION FOR INDIVIDUAL ACHIEVEMENT

CATALOG—1975-1976

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Dr. Thomas S. Field, President, and Mrs. Field.

# A WAY OF LIFE

The history of higher education in America is punctuated by innovative men and institutions who have dared to be creative in identifying and responding to the needs of students in each successive generation.

For 125 years William Jewell College has introduced her students to learning as a way of life. Through exploring man's spiritual dimensions and stimulating his intellectual capacities, the college has graduated committed Christian young people who in turn have had an extraordinary impact upon their contemporaries.

William Jewell College is a Christian institution, open to all young men and women. Racial and philosophic differences enrich our community by creating an interplay of different points of view. Such sharing helps broaden the liberally educated individual.

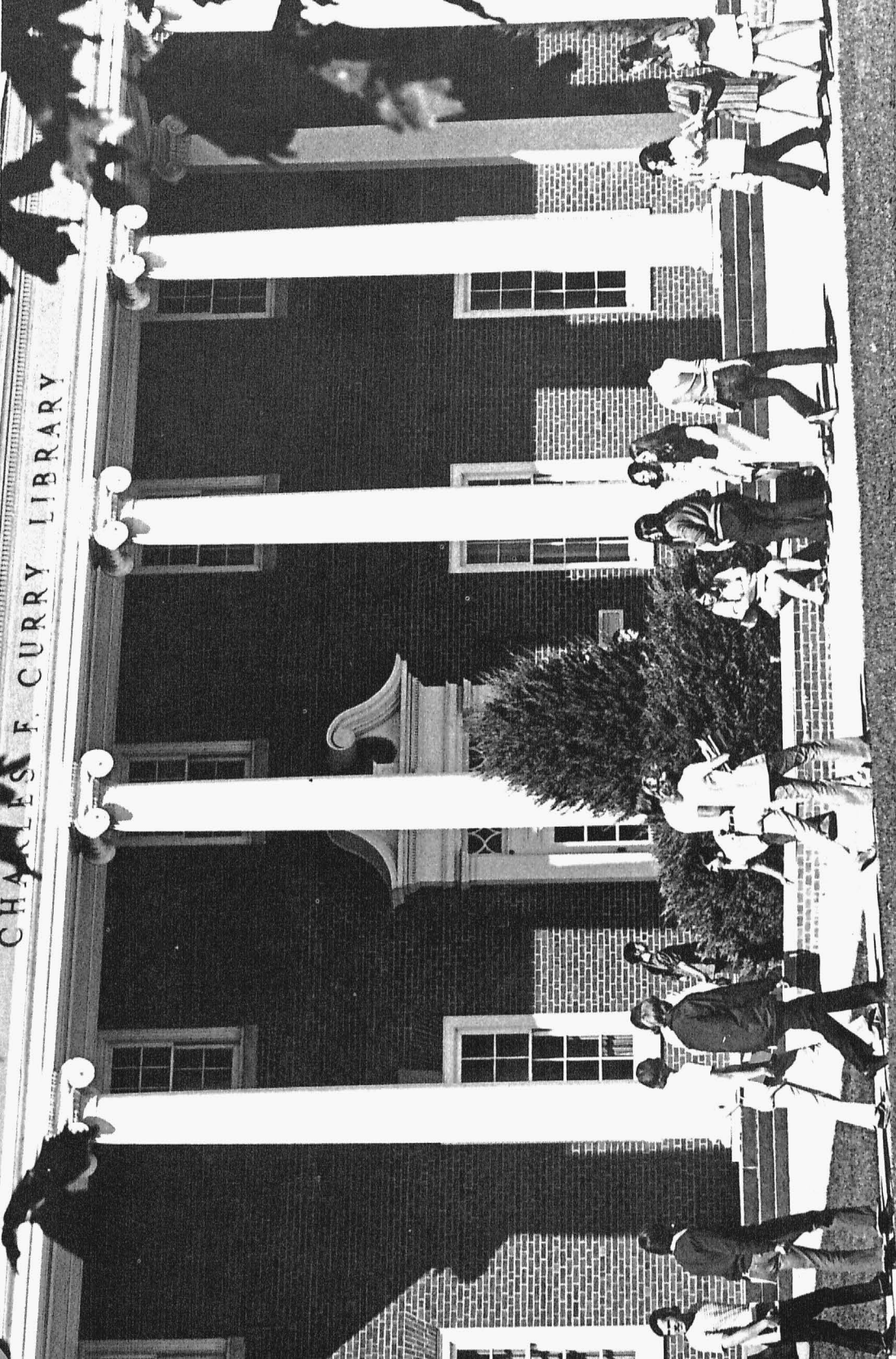
Young men and women represent

our reason for being. College years, of and by themselves, are an important segment in their lives, but of greater consequence is the imprint of this experience upon all the years that follow.

William Jewell College seeks to challenge a spirit of inquiry and to develop a sense of individuality and self-worth in each student. Our goal is meaningful involvement, tempered with critical and independent judgment, so that the student takes on a life-style marked by academic and intellectual excellence as well as personal and social responsibility.

This is achieved through a liberal arts education attuned to the needs of the whole man. And it gives meaning to the ideal of a Christian liberal arts college that seeks to understand human culture and to encourage responsible Christian participation in a contemporary society . . . a way of life!

CHARLES F. CURRY LIBRARY



## THE BEGINNING . . .

In 1849 the lands west of the State of Missouri were owned by the Indian Nations. Encamped at the confluence of the Missouri and Kaw rivers were the Shawnee Tribe. In twelve years this land of the Shawnee and the Osage would form the State of Kansas and precipitate a Civil War.

Liberty, Westport, and Independence, Missouri, were the "outfitters" for the western trek to Santa Fe, California, and Oregon. It was in this year, 1849, that William Jewell College was founded. Named in honor of Dr. William Jewell, physi-

cian and benefactor, the college was founded by the Baptists of Missouri. It was the first four-year men's college west of the great Mississippi. In 1921 it became co-educational.

William Jewell College continues as a Baptist related college and affirms its own tradition and heritage as one which is Christian. William Jewell is fully accredited by the North Central Association of Colleges and Secondary Schools and the American Association of University Women.









## THE CAMPUS . . .

William Jewell College campus features Colonial architecture and is one of the nation's most beautiful. The quadrangle of six buildings located "on the hill" forms the nucleus around which campus life is centered. A gymnasium, stadium, and new Music Building adjoin the quadrangle. Seven modern residence halls for men and women to the north and east of the "hill", all within walking distance of the quadrangle, complete the buildings.

The principal campus of 106

wooded acres is just fifteen minutes from downtown Kansas City, Missouri. This offers the best of two worlds; a quiet campus of surpassing beauty, ideal for study and contemplation, and the social enjoyment and easy access to the cultural advantages of a city of a million people.

Immediately to the north is the 403 acre Browning Campus for future expansion. This land was given to the college by Mr. and Mrs. William P. Browning, Jr.





## THE CURRICULUM . . .

In the 1972-73 academic year, William Jewell College began a curricular adventure designed to make it one of the more exciting institutions of higher education in America.

The college has long sustained a proud tradition of excellence in education, an excellence that has earned for it the title "Campus of Achievement." Now, in the innovative "Achievement '70s" program, William Jewell builds on this tradition in fresh and relevant ways.

The new program is called "Education for Individual Achievement." It represents a total reorganization of the college curriculum to place the individual student at the center and to foster his personal achievement in every way — academic, social, developmental, spiritual. Too many colleges are organized for administrative or departmental convenience, with the student viewed inadvertently as a small cog in a large machine. The Achievement '70s program at William Jewell College hopes to challenge this educational distortion, to correct it, and in so doing to resolve some of the more pressing dilemmas in American higher education.

The new curriculum is the result

of more than two years of intensive research and program development by a team of students, faculty members, alumni, and administrators. The plan is true to the college's history, traditions, and strengths; at the same time it is responsive to the needs of current students and to advances in the understanding of the learning process. It seeks, above all else, to engage the student in the planning and successful fulfillment of his own education, to make him a responsive member of a responsible academic community.

Specific aspects of the new curriculum involve an invigorated advisory system, personally designed majors, a new emphasis on independent study and foreign or off-campus study programs, extensive opportunity for advanced placement and credit, an interdisciplinary studies program, a 4-1-4 academic calendar, and improvements in the processes of student and teacher evaluation. Individual elements of the program are not unfamiliar to educators, of course; what is unique at William Jewell is the organization of these components into a unified curricular design that focuses on the development of the individual student.



## THE LIBRARY . . .

The library plays a vital role in a liberal arts curriculum, and the Charles F. Curry Library is located at the center of the quadrangle for easy accessibility to the students.

It furnishes the facilities and materials required for reference, research, and independent study. The open stack system allows the student to browse through a collection of more than 115,000 volumes, 900 periodicals, with thousands of government documents and new volumes added annually.

A staff of professional librarians instruct in the use of this thoroughly equipped and magnificent library.

The Charles F. Curry Library is a four-story colonial style brick building, beautifully furnished, with a seating capacity for 500 students. Some unique William Jewell Collections include the private library of Charles Haddon Spurgeon, the great English preacher; the Dr.

Louis Mertins Collection of signed manuscripts, first editions, and holographs; the "Ted Malone Collection of Poetry"; the famous "Hubmaier Collection" of the great Anabaptist reformer; and the Missouri Baptist Historical Society's collection of thousands of Baptist minutes and other important historical material.

A professional microfilm and audio-cassette department engages actively in field work to obtain helpful historic and academic materials to serve the general needs of the student. A new Media Center in the Music Building provides audio-visual services for the total campus. Through special telephone and postal connections, all students have access to other great libraries existing in the Kansas City area, which provide a wealth of supplementary resources to our students.





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# CURRICULUM

## **EDUCATION FOR INDIVIDUAL ACHIEVEMENT**

True education is not commodity packaged and distributed under the seal of an academic degree. On the contrary, it is only a beginning, an introduction, an initiation.

It is a habit of mind, an orientation of spirit, whereby the student becomes more and more sensitive to the meaning and mystery of life, even years after his graduation from college. The real student is one who sees education as a lifelong process, not as a four-year interim in his life terminated by the awarding of an academic degree.

One cannot speak of this dynamic

kind of education in terms of "requirements," "restrictions," or "regulations" — as if true education were the jumping of so many academic hurdles. One must rather speak of setting goals, evaluating one's abilities and resources, and shaping plans toward the realization of one's educational goals.

## **A NEW OUTLOOK**

In the new program of "Education for Individual Achievement," the student will see a remarkably fresh approach to education on the William Jewell campus. It can be strikingly different from what he has known in high school and what generally prevails on college and university campuses.

Recognizing that education is the opportunity — and responsibility — of the student himself, the college invites the student to an adventure of learning. The resources and encouragement are available and designed for maximum aid to the student. The emphasis is on cooperation, goal-direction, achievement.

The process is simple: William Jewell College seeks to select the student who can profit most from the kind of education offered on "the hill," to consult with him as he sets his goals and plans educational strategies to reach his goals, and to offer total resources for his reaching the goals. By the time of graduation the student is at a genuine "Commencement" — *beginning* a lifelong quest for intellectual, spiritual, and personal achievement.

This freshness in outlook means that the William Jewell College curriculum is quite different in organization (though not in content) from that of most colleges.

## THE PROGRAM OF PERSONAL ACHIEVEMENT

Each student will construct, in consultation with his Personal Advisory Committee, his individual educational program at William Jewell College. This Program of Personal Achievement will be his distinctive combination of courses and experiences designed to meet his unique background, abilities, and goals.

The student will work out his plans for his college career in a personal booklet, which will remain in his possession. He will be able to visualize his college program as he builds it through successive revisions. At the conclusion of his college years the booklet will provide a comprehensive review of his educational experiences.

The booklet will include co-curricular and cultural development as well as classes and credits, for the college seeks to make the total environment a part of a student's education.

The first stage in developing the Program of Personal Achievement is for the student to think through his educational goals and state them clearly. These goals will doubtless change during the course of a college career, but the experience of articulating these goals at various stages is seen as crucial to the student's personal growth.

The second stage is to devise a program of courses and co-curricular experiences that will meet these goals. The college has long experience as a liberal arts institution and asks its students to take certain programs as part of a "General Education" — exposure to a wide variety of learning matter. Other courses are selected in terms of a student's specific goals: e.g., to become certified as a teacher, to enter medical school or graduate school. Many courses are free electives.

At the completion of his Program



of Personal Achievement, the student receives a Bachelor of Arts or Bachelor of Science degree.

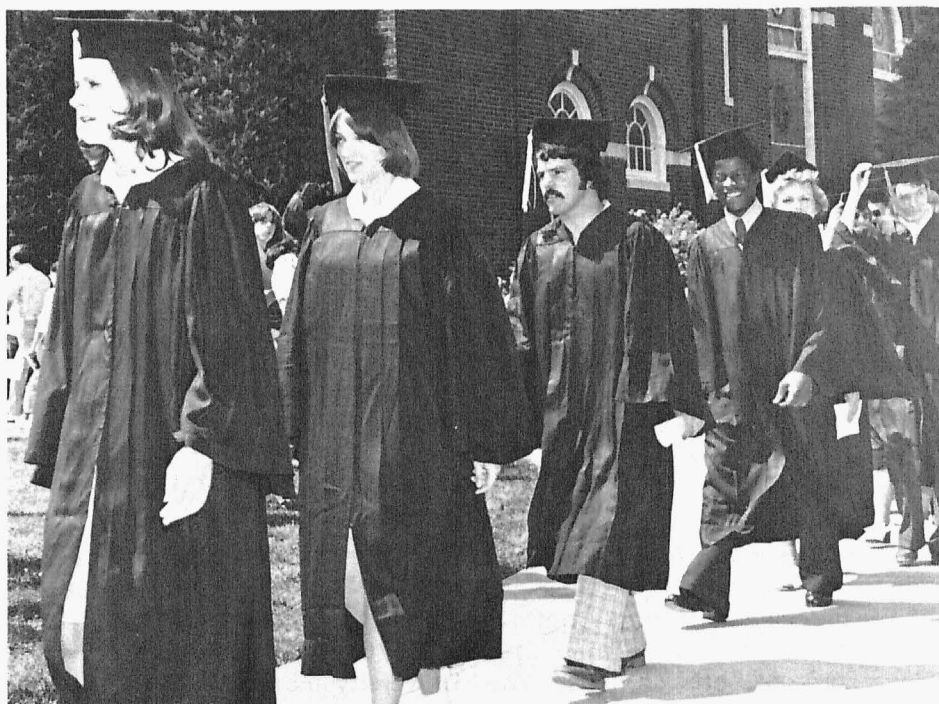
## INDIVIDUALIZED AREAS OF CONCENTRATION

Each student at William Jewell College will design or choose his own area of concentration (i.e., "major") in light of his own interests, abilities, and objectives, and in accordance with college guidelines. The guidelines are outlined in the section on "Courses of Study" in this catalog.

The area of concentration will be

worked out in consultation with the student's Personal Advisory Committee and will normally consist of six to ten courses (twenty-four to forty semester hours).

The student may choose one of the traditional academic majors (e.g., English, history, religion, physics, art, business, education), or he may devise an interdisciplinary or non-traditional area from the several hundred courses offered by the college. The possibilities are virtually unlimited: a student may examine a culture (e.g., American Studies, Black Studies), a historical epoch, (e.g., Renaissance England, Colonial America, Medieval Europe), a combination of disciplines (e.g.,





Social Psychology, Writing, Aesthetic Principles in the Fine Arts), or a specific vocation (e.g., a combination of communication, psychology, and business administration leading toward a degree in Public Relations). These are but a few examples among vast possibilities.

Instructions and forms for preparing an interdisciplinary or non-traditional area of concentration are available from the Associate Dean of the College.

## INDEPENDENT STUDY

Each student will have at least one experience of independent study during his college career, pursued in an area of his own special interest. The independent studies project will be worked out in cooperation with the Personal Advisory Committee and the professor directing the study.

The amount of available knowledge is expanding so rapidly that it is very important for a student to learn how to gather information on his own. Rapid social change and the prospects of even more accelerated levels of vocational and societal mobility also make independent study an important part of any student's education.

A student may do independent study within a traditional academic department or under the auspices of the Independent Study Committee. Independent study may take place on or off campus. The

summer and the January Winterim are ideal times for short-range independent projects.

The college Alumni Association makes it possible for some students to do independent study related to a profession, a business or industry, a branch of government, an area of religious or social service, of artistic creativity, or other valid and relevant areas of educational endeavor. Off-campus independent projects are designed as living-learning ventures which bring the academic world and the larger society into closer conjunction for the student.

**Honors Study.** A student who wants an added challenge of academic excellence may do his independent study in the Honors Program and seek graduation with "Honors" or "Achievement." This program is described in the section on "Credits, Evaluation, and Grades" in this catalog.

**William Jewell Scholars Program.** A small number of highly motivated students may plan from one to four semesters of their college career in unconventional patterns that help them meet their educational goals. They may work on campus or off campus, in classes or tutorially, in internships or extended projects. These students are designated as "William Jewell Scholars." Guidelines for the program are available from the Associate Dean of the College. A group of William Jewell Scholars will be studying in the 1975-76 academic year at Oxford University in England.

## FOREIGN AND OFF-CAMPUS STUDY

An off-campus field term is recommended for each student unless such an experience is inconsistent with his needs and goals. Most William Jewell students can derive great educational benefits from expanding their personal horizons through an off-campus exposure. They can grow in maturity, self-understanding, and sense of responsibility. They can better evaluate the relevance of their on-campus study and can come back to the campus with a fund of experiences to share in the college community and a desire to learn more.

The Personal Advisory Committee will assist each student in shaping an off-campus experience that has a direct relationship to his educational goals. Great flexibility exists in the type and length of program chosen. It may be for a month, a summer, a semester, a year. It may involve foreign study, work-study in the inner city, social or religious service, vocational internship, study at another college, and the like. It may be formally structured class-work or independent study.

**Programs in the United States.** The college is associated in the United Nations Semester of Drew University and the Washington semester of American University. Students interested in these and similar programs should contact a

member of the Foreign, Off-Campus, and Independent Studies Committee early in their sophomore year.

### **Urban Studies: CUTE and COSWAP.**

Two opportunities in the Kansas City area are the CUTE (Co-operative Urban Teacher Education) and CO-SWAP (Co-operative Social Welfare Action Program) semesters, for students interested in teaching and social work, respectively. These programs offer a semester of field work and academic study in the urban environment.

**International Programs.** William Jewell participates in the programs of the Institute of European Studies, which directs university centers in England, Spain, Germany, Austria, and France; the Southern Baptist Overseas Program, and the American Baptist Overseas Program. Program duration ranges from the semester and summer institutes to the junior year abroad. The January Winterim in the new college calendar also makes available numerous foreign programs of one-month's duration.

**Oxford University Program.** William Jewell College has a co-operative program with Regent's Park College and St. Peter's College of Oxford University, permitting six William Jewell men and women to study at Oxford each year. Details are available from the Associate Dean of the College.

**Harlaxton College, England.** A campus extension at a Victorian

Manor House near Sherwood Forest in Lincolnshire, England, is a new dimension to education at William Jewell. About twenty William Jewell students join one hundred American collegians for a full academic program at the castle-like manor. Five British and three American professors, including one from William Jewell, direct the class work. Harlaxton College has working relationships with the Universities of Nottingham and Leicester nearby.

**Seinan Gakuin University, Japan.** Two students each year travel to this fine Christian university in Fukuoka, Japan, for a program in Japanese language and culture. Two Japanese students take their places at William Jewell in an exchange program, new in 1975-76.

## **THE PERSONAL ADVISORY COMMITTEE AND THE ADVISORY PROCESS**

Each student will have the assistance of a primary adviser and, at his option, a Personal Advisory Committee in working out his Program of Personal Achievement.

The advisory relationship is seen as an important part of the teaching process at William Jewell, and faculty members normally assume as a major part of their responsibility the personal advising of students in their total development — intellectually, spiritually, emotionally, socially, physically.

The entering student meets with his primary adviser during orientation week and several times during the school year. He works out a statement of his personal goals and by the end of his freshman year has a tentative, working outline of a proposed educational program which will achieve his goals.

During his sophomore year the student will refine his goals and program, evaluate his progress toward his goals, and will perhaps wish to add members to his Personal Advisory Committee.

In the junior and senior years the primary adviser may change as the student refines his area of academic concentration. It is hoped that even in such cases the original primary adviser will be able to remain on the Personal Advisory Committee. The committee will counsel the student as he works on his area of concentration, plans independent and off-campus study programs, and makes further revisions in his Program of Personal Achievement.

The Personal Advisory Committee may have a maximum of four persons, including faculty members, students at or above the sophomore level, members of the administration, or representatives from outside the academic community approved by the primary adviser (such as a minister, business man, or professional man in the student's area of interest).

Not all students will wish to extend their Committee beyond the

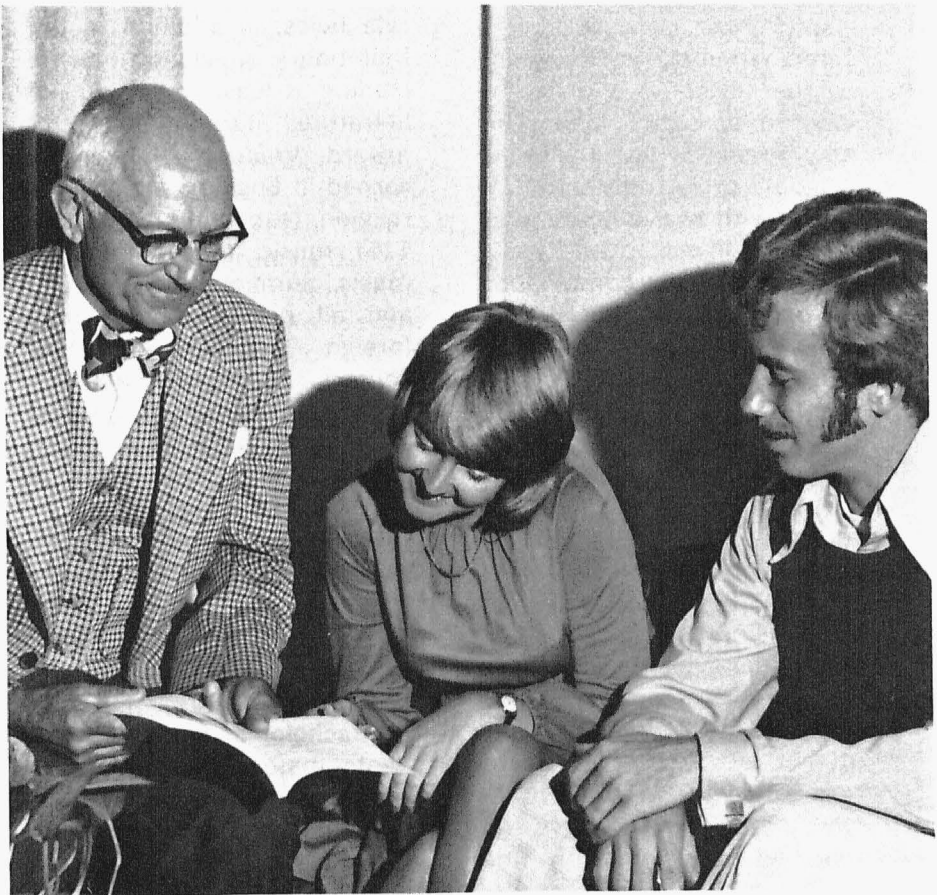
primary adviser. Students and faculty members may change advisory relationships upon mutual consent, the academic dean aiding in such negotiations when necessary.

The college encourages the advisory relationship by scheduling time for advising within the normal academic calendar, on the understanding that advising is as much a process of teaching as is classroom activity.

## GENERAL EDUCATION

The Personal Advisory Committee will guide the student in selecting a broad range of courses that will expose him to the several divisions of "liberal arts and sciences." This selection will complement an area of concentration and elective courses to constitute his college program.

**The Bachelor of Arts Degree.** The General Education pattern in the



Bachelor of Arts degree includes the following studies:

1. One course (four semester hours) in Freshman English, unless the student qualifies to receive credit by examination.
2. Communication 100 or advanced placement by the department
3. Physical Education 100
4. One course in Religion selected from Religion 113, 114, 115, 211, 212, 213
5. Proficiency in a foreign language or research skill, or a combination thereof approved by the advisor(s) and department(s) of major area. This may be met by demonstrating language proficiency commensurate with twelve hours work in one foreign language. [It may also include any combination of computer language, statistical methods, or language to meet the twelve hour requirement.] However, computer language and statistics may not be used to meet this requirement if they are being used to meet another requirement for graduation or are required in the major area. A student who presents two units of high school language may be required to take a placement test. The student who thereby attains advanced placement may satisfy the language proficiency requirement by passing four semester hours in the same language in courses

above the elementary level.

6. Twelve hours from Mathematics and Natural Sciences (mathematics, biology, chemistry, physics), chosen from two separate fields and including one laboratory science.
7. Twelve hours from Social Sciences (economics, history, political science, psychology, sociology), selected from at least two separate fields.
8. Twelve hours from Humanities, selected from two separate fields, in addition to the four hours in religion and including at least four hours of literature. Humanities credit toward graduation may be earned in English, philosophy, religion, (except 113, 114 and 115) music (except applied music numbered below 200 and all performing groups), foreign language literature courses numbered 300 or above, art courses numbered 200 or above, communication 205 and 325, and political science 211 and 311.

The maximum amount of credit toward graduation that a student may receive in one subject-matter field for the B.A. degree is forty hours.

### **The Bachelor of Science Degree.**

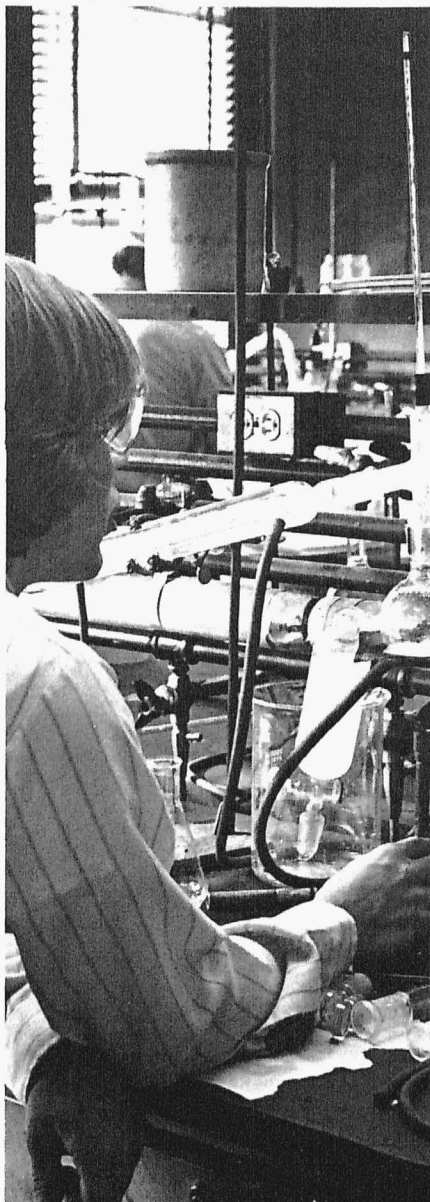
Students majoring in music, elementary education, business administration, and physical education may elect a General Education pattern leading to a Bachelor of

Science degree, as follows:

1. One course (four semester hours) in Freshman English, unless the student qualifies to receive credit by examination
2. Communication 100 or advanced placement by the department
3. Physical Education 100
4. One course in Religion selected from Religion 113, 114, 115, 211, 212, 213.
5. Eight hours from Mathematics and Natural Sciences (mathematics, biology, chemistry, physics), including one laboratory science
6. Twelve hours from Social Sciences (economics, history, political science, psychology, sociology), selected from at least two separate fields
7. Eight hours from Humanities, selected from two separate fields, in addition to the four hours in Religion and including four hours of literature. Humanities credit toward graduation may be earned in English, philosophy, religion, (except 113, 114, and 115), music (except applied music numbered below 200 and all performing groups), foreign language literature courses numbered 300 or above, art courses numbered 200 or above, communication 205 and 325, and political science 211 and 311.

The maximum amount of credit toward graduation that a student

may receive in one subject-matter field for the Bachelor of Science degree is sixty hours.



## ADVANCED PLACEMENT AND CREDIT

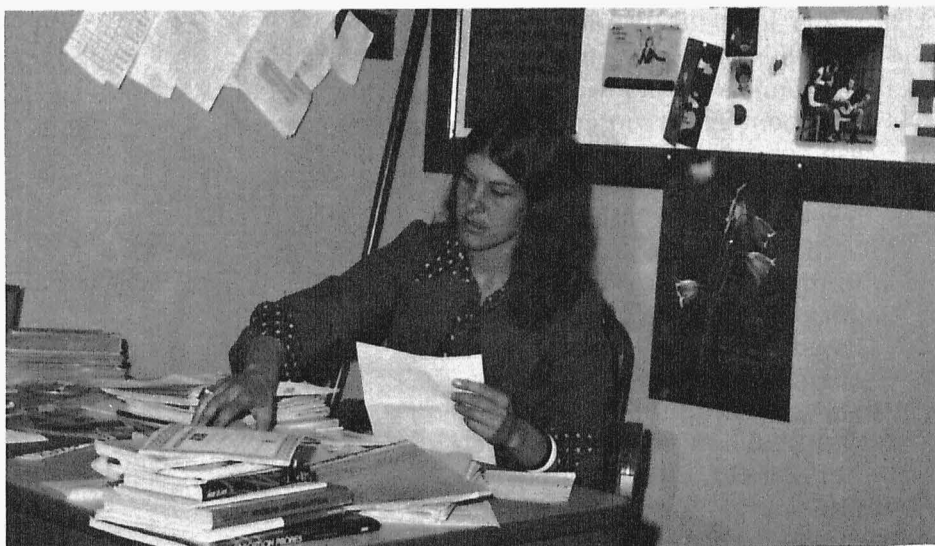
William Jewell College offers advanced placement in cooperation with the College Entrance Examination Board, through which secondary schools prepare their stronger students for advanced work at college. On the basis of the examination scores, a student may receive advanced placement with or without credit in specific disciplines.

Credit and advanced placement are also granted through the College-Level Examination Program (CLEP) and through departmental examinations. A freshman entering William Jewell College directly from high school may not take the CLEP general examination for credit; however, he may take as many specific exams for credit as he wishes. Entering freshmen who have de-

layed college entrance by as much as three years since high school graduation may take both CLEP general and specific exams for credit.

The college imposes no limit on the amount of credit a student may earn by "testing out" although one year residency is required for a degree from William Jewell College. Credit earned by examination is recorded on the student's transcript without a letter grade and with the notation "Credit by Examination."

High school students demonstrating exceptional academic ability may earn up to sixteen credits before the normal time of entering as a college freshman by taking advantage of the "Early Admission" program, described in the section on "Admission and Finances" in this catalog.





## ACADEMIC STANDARDS AND INTEGRITY

In order to maintain its traditionally high academic standards and protect the value of the student's degree, the college operates according to several specific policies, as follows:

1. Degrees are awarded to students who have satisfied the entrance requirements, completed 124 semester hours of college work as specified in the catalog and the Program of Personal Achievement, and earned a C average for each semester hour of work attempted.
2. Each student will complete the requirements for graduation in the catalog in effect on the date of college entrance. If a subsequent decision is made to follow a later catalog, through a bona-fide change in major or for other cause, the requirements in effect at that time must be met. A student who returns after an absence, and who has not graduated, may expect to be required to change to the requirements set forth in later announcements. The dean of the college will assist in such cases.
3. Satisfactory completion (with a grade of C or higher in each course) of not fewer than twenty-four hours in the student's area of concentration is required for graduation.

Majors in elementary education and music education will be obliged to meet certification requirements, as stated in the respective departmental listings in this catalog.

4. Credit earned in English 100, Communication 100, the required Religion course, and Physical Education 100, all part of the General Education program, is not allowable toward satisfaction of the requirements in the area of concentration.
5. Each student will meet the specific requirements of his area of concentration.
6. Each student who expects to graduate must file an "Application for Graduation" with the registrar at the Fall registration of his senior year; this includes candidates for the following summer.
7. Any senior student who has completed all requirements for graduation with his class except eight semester hours of elective credit or less may, with the permission of the dean, do this work **in absentia**. This may be done by correspondence from a reputable institution, or in residence in a college or university of recognized standing. Such a student may participate only in the graduating exercises of the class following the completion of the work. The last year's

work for graduation (minimum 30 semester hours) must be done in residence at William Jewell, except as here provided.

8. A student who completes 124 hours or more with a grade point average below C may, with permission, attempt not more than one additional semester of work in an effort to raise his average to the required minimum for graduation.
9. The college will not accept for graduation work done by correspondence from any institution except one of high standing, having a regularly organized correspondence department, and then for no more than ten semester hours. No credit will be allowed by correspondence toward a major except by the prior consent of the head of the department and approval of the dean. A maximum of thirty semester hours of correspondence and extension work combined will be accepted.

## THE 4-1-4 CALENDAR

William Jewell College employs a 4-1-4 academic calendar. In this arrangement a student normally takes four courses, each earning four semester hours, during the two semesters extending from September-December and from February-May respectively. The stu-

dent may also elect to take certain "adjunct" courses in physical education activities, applied music, and other skills development or enrichment areas.

In the January Winterim, the student will immerse himself in only one course of study — an educational experience of a special nature. This mini-term is not designed as an extension of the other eight months in the academic year, but as a time of special creativity, enrichment, experimentation, and imagination. Standard catalog courses will not normally be offered. Instead, faculty members and students will be challenged either to investigate entirely new topics or to treat traditional ones with a renewed freshness of method and approach.

The Winterim is a time when especially rich personal relationships can be established between students and faculty members, as they work together in exclusive concentration on a topic. It is also a time when students can develop in self-reliance and academic maturity. It is an excellent time for independent study, off-campus study, interdisciplinary courses, cooperative programs with other 4-1-4 schools, and other forms of academic adventuring.

The concentration on fewer courses in the regular semesters, combined with the expanded horizons available in the Winterim, promise to shape a superior educational experience for each student.

It is hoped that students will find the Winterim to be challenging and varied enough to merit their election during each academic year, especially since it involves no "extra" tuition for full-time students. A student entering William Jewell as a freshman or sophomore will have two Winterims required for graduation; a student entering in his junior

or senior year will have one Winterim required. The usual grading pattern in the Winterim will be Pass/Fail, unless the student elects a letter grade.

In addition to the 4-1-4 academic year, the college operates a summer school of eight weeks' duration. Regular courses and special workshops are offered during the summer.



## CONTINUING EDUCATION

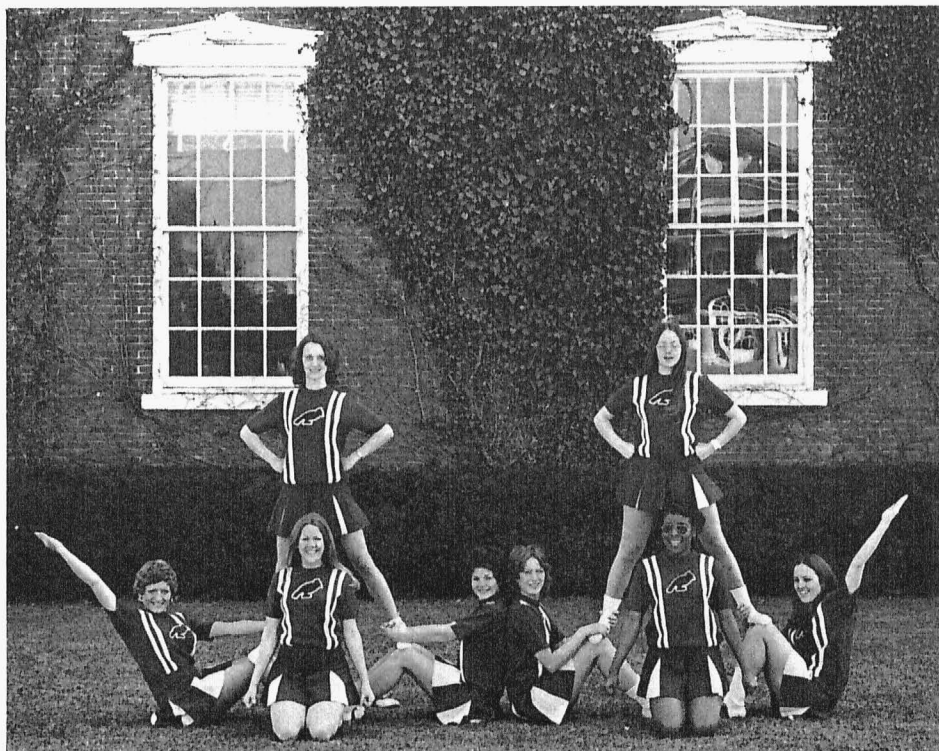
William Jewell's College of the Evening is a Continuing Education program designed to provide night courses of instruction at the college level for individuals who cannot pursue an educational program in the regular session of the College.

The curriculum for the evening classes is designed to meet a broad range of interests and needs. Courses are selected from more than twenty academic areas but concentrate in the areas of business, sociology, psychology, and liberal arts. The program also includes some specialized classes ap-

propriate for an adult population. Those students who do not wish college credit may enroll for night classes provided they are at least seventeen years of age and capable of doing work at the college level.

Professors for the College of the Evening are selected from regular William Jewell faculty and from other business and professional organizations. In every class the instructor will be a highly trained and professionally competent person concerned with providing a quality educational experience.

Interested persons should contact the Director of Continuing Education, 101 Greene Hall.



## **PREPARATION FOR SPECIAL NEEDS**

William Jewell College is committed to a liberal arts education. The College recognizes the fact, however, that some students will wish to select courses with a view to preparation for some special field or profession. For these persons, some suggestions are offered in the following paragraphs:

## **ARTS AND SCIENCES (GRADUATE STUDY)**

As William Jewell College is fully accredited by the North Central Association of Colleges and Secondary Schools and approved by the Association of American Universities, its graduates may continue their work with full credit in graduate schools. Students who expect to attend graduate schools must, however, have superior academic records.

The student is advised to study the catalog of the graduate school that he expects to attend, to plan his course of study to meet the special requirements of the specific school. The student's major professor should be consulted in planning a program of studies leading to graduate work.

## **BUSINESS**

Many students are interested primarily in business administration. The aim of the department of eco-

nomics and business administration is to offer opportunities for both general and professional training in the fields. A further aim is to equip students with a well-rounded knowledge of the dynamic character of economic society and the responsibilities that are placed upon men and women in the field of business. This gives the student a wide perspective for specific training in a particular business after graduation or for graduate study.

## **DENTISTRY**

The general course requirement for entrance into a college of dentistry is at least three full years of work in an accredited college of liberal arts, comprising not less than 90 semester hours. The quality of the student's scholastic record must be good.

The student should consult the catalog of the school he plans to enter. However, the required courses usually include English, 6 to 8 hours; zoology, 8 hours; physics, 8 hours; inorganic chemistry, 10 hours; and organic chemistry, 5 hours.

Other subjects should include courses intended to broaden the intellectual background of the student, an important factor in professional life. Recommended elective subjects include advanced courses in English, history, foreign language, psychology, economics, philosophy, sociology, and political science.

## ENGINEERING

William Jewell College is one of a limited number of liberal arts colleges which have entered into an agreement with Columbia University and to participate in a combined plan. By spending three years in residence at William Jewell College and two years in the Columbia University School of Engineering, the student can receive the A.B. degree and the B.S. degree in engineering upon the completion of his work.

William Jewell College has also entered in a similar "three-two" plan of engineering with Washington University and the University of Missouri at Columbia and Rolla. For details, write Director of Admissions, Dept. ES, at William Jewell College.

Students who expect to receive an A.B. degree before entering an engineering school should major in physics, chemistry, or mathematics, their choice depending upon the type of engineering school in which they propose to complete their studies.

The following program should be followed by students who expect to spend three years at William Jewell College and two years in an approved school of engineering. Since the semester-hour load is unusually heavy, students are advised to plan their work very closely with Dr. Wallace Hilton, who is the official adviser.



## PRE-ENGINEERING PROGRAM OF STUDIES

For students intending to complete professional study at Columbia University, New York, Washington University, St. Louis, or the University of Missouri at Columbia, or Rolla.

### Freshman

1ST SEMESTER	HRS.	SECOND SEMESTER	HRS.
Chemistry 101	4	Chemistry 102	4
Mathematics 199	4	Mathematics 200	4
English 100	4	Communication 100	4
Graphics 105	2	Graphics 204	2
Physical Education 100	<u>2</u>	American History	<u>4</u>
	16		18

### Sophomore

1ST SEMESTER	HRS.	SECOND SEMESTER	HRS.
Mathematics 201	4	Physics 332	3
Physics 213	5	Physics 214	5
Foreign Language	4	Foreign Language	4
Religion	<u>4</u>	Humanities	<u>4</u>
	17		16

### Junior

1ST SEMESTER	HRS.	SECOND SEMESTER	HRS.
Physics 443	4	Mathematics 330	4
Physics 316-317	4	Physics 322-323	4
Social Science	4	Literature	4
Humanities	<u>4</u>	Social Science	<u>4</u>
	16		16



## FORESTRY

William Jewell College, in cooperation with the School of Forestry of Duke University, offers a 5-year coordinated program in forestry, 3 years at William Jewell and 2 years at Duke University, leading to the Bachelor of Arts degree at William Jewell and the Master of Forestry degree at Duke. Applicants for this Liberal Arts-Forestry program should so indicate at the time of enrollment in college. For details of the pre-forestry curriculum see Dr. Burdette Wagenknecht of the department of biology, so that all course requirements may be fulfilled.

## JOURNALISM

Courses needed for admission to professional schools of journalism usually include the following:

Freshman English —

Literature — 6 hours, including 4 hours of British literature

Biological or physical science, with lab — 4 or more hours

Foreign language — completion of the intermediate (3rd semester) course required: four semesters preferred.

Economics — 4 hours

Political Science (American Government) — 4 hours

Sociology — 4 hours

## LAW

The recommendation of the American Bar Association is that students expecting to enter an accredited law school should pursue their undergraduate work with the following objectives in mind: 1) clear comprehension and concise expression in the use of language, 2) historical and critical understanding of human institutions and values, 3) creative power in thinking. Recommended are courses in English and speech, mathematics, logic, debate, history and government, economics and accounting, sociology, biology, and psychology. There is considerable latitude in choice of subjects. Intensive application and a high level of attainment are important.

## MEDICINE

Students planning to study medicine should consult the catalog of the medical school which they expect to attend, to have all premedical requirements fulfilled. The number of years of premedical work required before the study of medicine varies with different medical schools. Some schools require only three years, but most now require the bachelor's degree.

The general course requirements are as follows: chemistry, 16 to 20 semester hours; biology, 8 to 12 se-

mester hours; physics, 8 semester hours; English, 6 to 10 semester hours. The remaining courses should be selected from the humanities or social sciences: English literature, psychology, economics, sociology, philosophy, history. Some schools require in addition a reading knowledge of French or German.

Admission to medical school is based on the medical aptitude test, scholastic record, and recommendation from the college committee on medical education. No student can expect to be admitted to a medical school who does not maintain a high scholastic record.

## MEDICAL TECHNOLOGY

In cooperation with the Baptist Memorial Hospital of Kansas City and North Kansas City Memorial Hospital, William Jewell College offers a four-year course leading to a Bachelor of Science degree and registration as a medical technologist. The first three years are spent in residence at William Jewell College and the fourth year is spent at either of the two hospitals. Upon satisfactory completion, students may be certified in this field by passing the examinations given by the Registry of Medical Technologists of the American Society of Clinical Pathologists.



## MINISTRY

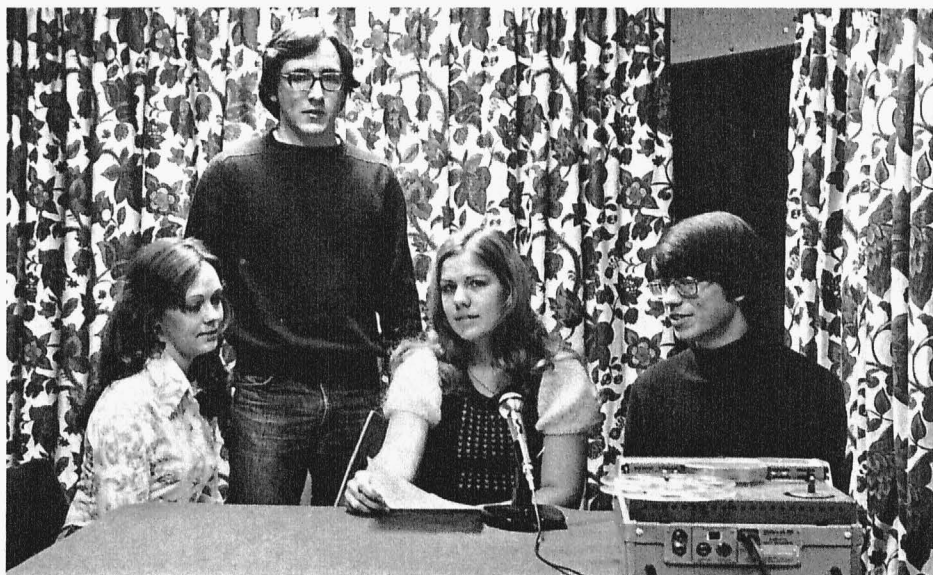
William Jewell College follows closely the recommendation of the American Association of Theological Schools on pre-seminary study. A summary of college recommendations follows:

1. The function of pre-seminary studies

1. College work of pre-seminary studies should result in the ability to use the tools of an educated man in written and oral expression.
2. The aim of the study is to acquaint the student with some of the ideas which have influenced modern civilization and which will

guide the student in evaluating life situations.

3. The college work of a pre-seminary student should result in an acquaintance with the world in which he lives. It will show the relationship of the physical sciences and Biblical revelation.
4. The college work of a pre-seminary student should stimulate research, independent inquiry, and the formulation of ideas into cogent expression. At least one discipline should be explored in sufficient depth to give the student a sense of mastery and achievement in his study.



5. The function of this study is to present opportunities for the development of Christian faith and vocational commitment through social and Biblical studies.

## II. Subjects in pre-seminary study

1. The general requirements for all students shall be met.
2. Twenty hours of social studies are recommended. At least eight hours from each of two disciplines are advised. The hours taken in one of these may also count toward a major in that discipline. The fields of study recommended are history, sociology, psychology, political sciences, economics.
3. Twenty-eight hours of studies in humanities are recommended. The hours taken in one of these disciplines may also count toward a major in that discipline. The subject distribution should be as follows:

Philosophy	8 hours
Music	4 hours
English and literature	8 hours
Religion (other than required)	<u>8 hours</u>
	28 hours

4. Recommended areas of major concentration are
 

Communication	
English	Psychology
History	Religion
Philosophy	Sociology

## III. General Information

1. All pre-theological students are to have the chairman of the department of religion or a professor of that department on their advisement committee throughout their course of study. When a major other than religion is chosen, a joint program of advisement will be undertaken with the chairman of the department of major study advising in academic matters pertaining to the major.
2. Students desiring continuation of their Church-Related Vocation tuition concession are advised to see the chairman, department of religion, about their academic program at each fall registration period.

ACCALAUREATE  
DEGREE  
NURSING  
118

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## NURSING

The philosophy of man which serves as the foundation for the conceptual and practical framework of the Nursing Education Department is firmly based on the belief that man is a bio-psycho-social and spiritual being, and that the well-being of the whole person is dependent upon a balance of these factors. That man has inestimable dignity and worth is affirmed in the taking of responsibility for maintaining these values in interpersonal relationships. It is the unique and specific privilege of those in the healing arts to utilize all scientific knowledge available in the pursuit of optimum health for all men. The Department of Nursing Education is committed to the challenge expressed by these ideals.

The faculty of the Department of Nursing Education believe that the statements of nursing by Virginia Henderson express our definition of nursing most accurately.

"The unique function of the nurse is to assist the individual, sick or well, in the performance of those activities contributing to health or its recovery (or to peaceful death) that he would perform unaided if he had the necessary strength, will or knowledge. And to do this in such a way as to help him gain independence as rapidly as possible. This aspect of her work, this part of her function, she initiates and

controls; of this she is master. In addition she helps the patient to carry out the therapeutic plan as initiated by the physician. She also, as a member of a medical team, helps other members, as they in turn help her, to plan and carry out the total program whether it be for the improvement of health, or the recovery from illness or support in death."

Henderson, V. "The Nature of Nursing," *AJN*, 64:63, August, 1964.

We also believe that nursing as a profession emphasizes the responsibility and accountability of the practitioner; responsible in the constant assimilation and careful application of the most relevant academic and practical knowledge, accountable in the pursuit of nursing, demonstrating throughout, the highest ethical standards of the profession.

As the professional, the nurse must recognize the importance of respecting each individual as a human being with dignity and rights. The nurse must concern herself with the meeting of fundamental needs of the individual through human interaction. She promotes the pursuit of high level wellness as well as cares for the individual during illness. As his condition improves he is assisted and encouraged to resume the management of his own affairs. A goal of nursing intervention lies in helping the patient grow through his illness. In the crisis of illness the individual is jolted from his accustomed life style and may therefore



be open to new learning and growth. Learning and growth of the individual in this context, refers to reidentification of himself and his relationship to others.

The Department of Nursing Education believes that learning is a dynamic and common endeavor of the students and faculty. It is an ongoing process utilizing problem solving orientation, drawing upon the incorporation of knowledge from humanities, behavioral, biological and physical sciences with the current theory and practice of nursing. This learning is directed toward the fostering of increasing self-direction, independence and self-evaluation of the learner. Learning occurs in a milieu which recognizes the learner's dignity and worth and fosters his right and responsibility to challenge and question the educational process. The faculty is committed to the belief that nursing is an intellectual discipline which requires supported study of its theoretical components as well as guided practice of its skills.

The Department of Nursing Education believes that the collegiate nurse is uniquely prepared to provide a high level of health promotion and maintenance to the community utilizing the nursing process. This nurse appreciates the interrelatedness of nursing service, education, and research. This appreciation fosters the internalization and utilization of valid research finding for innovations in nursing

practice. The practitioner utilizes knowledge creatively, accepts responsibility for her own actions and actively supports the goals of the nursing profession. The collegiate prepared nurse possesses the basis for study at the graduate level.

## OBJECTIVES

The primary objective of this program is to prepare a nursing practitioner who exercises personal and professional judgment to provide a high level of health promotion and maintenance in the community as well as the support of recovery from illness.

The aim of this program is to prepare the beginning practitioner who:

- a) recognizes that man is a complex being influenced by his total environment.
- b) utilizes knowledge drawn from the behavioral, biological and physical sciences with current nursing theory and practice to plan, implement and evaluate nursing intervention to all age groups in a multiplicity of settings.
- c) demonstrates the ability to function effectively and creatively either as an independent practitioner or as a member of various groups concerned with the care of individuals on the wellness-illness continuum.
- d) demonstrates the ability to utilize basic psycho-social-physical

assessment skills in order to determine the individual's position on the wellness-illness spectrum.

- e) recognizes the need and accepts the responsibility for individualized patient and family education utilizing sound principles of learning theory.
- f) possesses a beginning appreciation of the needs for ongoing nursing research in order to improve the quality of nursing practice.
- g) modifies nursing practices in keeping with current developments in nursing and changes in society.
- h) maintains the standards of the profession through constant assessment of existing practices and through active participation in the legislative processes governing the health care systems.
- i) utilizes principles of leadership and human interaction in working effectively with health services personnel, individuals and families in planning, implementing and evaluating care.
- j) assumes responsibility for self-direction in the pursuit of professional and personal growth through continuing education and self-evaluation.
- k) recognizes and accepts responsibility for his/her own actions.

## ADMISSION

Only one class (maximum 40 students) is admitted in the Spring of each year. A minimum grade point average of C + is required to be eli-

gible for admission into the program.

Applicants are considered twice a year. Admission interviews are scheduled for the second Saturday of October and the last Saturday of April each year. Applicants will be notified of the time of their interviews with the faculty.

To have an application considered in October, the completed application must be filed with the department by September 15. Also, the applicant must have completed the Freshman year of college.

The faculty will act only upon completed applications which include:

1. Department of Nursing Education application form
2. High School transcripts
3. Transcripts from each college attended
4. Physical and dental examination form
5. Testing scores
  - a. ACT
  - b. National League for Nursing Pre-Nursing and Guidance Exam
  - c. Strong Vocational Inventory
  - d. Minnesota Multiphasic Personality Inventory (must be taken within 6 months of application date).

Arrangements to take the required tests may be made by contacting the office of Counseling Services.

It is the student's responsibility to ascertain that his/her application is complete.

## A TYPICAL BACCALAUREATE NURSING PROGRAM\*\*

### FRESHMAN FALL SEMESTER

Elective	4
English 100	4
Psychology 211	4
Biology 107 H	4
	<u>16</u>

### FRESHMAN SPRING SEMESTER

*Chemistry 102	5
Sociology 211	4
Communication 100	4
Religion	4
	<u>17</u>

### SOPHOMORE FALL SEMESTER

Biology 221	5
Biology 241	4
Sociology 332	4
Psychology 306	4
	<u>17</u>

### SOPHOMORE SPRING SEMESTER

Biology 239	4
Nursing 250	4
Biology 307	2
Physical Education 100	2
Philosophy 202	4
	<u>16</u>

### JUNIOR FALL SEMESTER

Nursing 340	4
Psychology	4
Nursing 330	8
	<u>16</u>

### JUNIOR SPRING SEMESTER

Nursing 350	8
Math 216	4
Elective	4
	<u>16</u>

### SENIOR FALL SEMESTER

Nursing 430	8
Psychology	4
Nursing 420	1
	<u>13</u>

### SENIOR SPRING SEMESTER

Nursing 450	8
Elective	4
Nursing 425	1
	<u>13</u>

\* All pre-nursing students who have had high school chemistry must take the American Chemical Society test during orientation to ascertain proper placement in Chemistry 101 or 102. The student who performs poorly on the ACS will be asked to take Chemistry 101 during the Fall semester.

All pre-nursing students who have not had high school chemistry or who have not made a satisfactory grade in high school chemistry, must take Chemistry 101 in the Fall semester and Chemistry 102 in the Spring. These students are not required to take an American Chemical Society test.

\*\*Individualized academic counseling and advisement will be provided for each student to plan his course of study.

Clinical Instruction — concurrent with classroom instruction — will increase as the student progresses in the program, ranging from 8 to 24 hours per week. This approach will provide the knowledge and skills necessary for competent nursing practice.

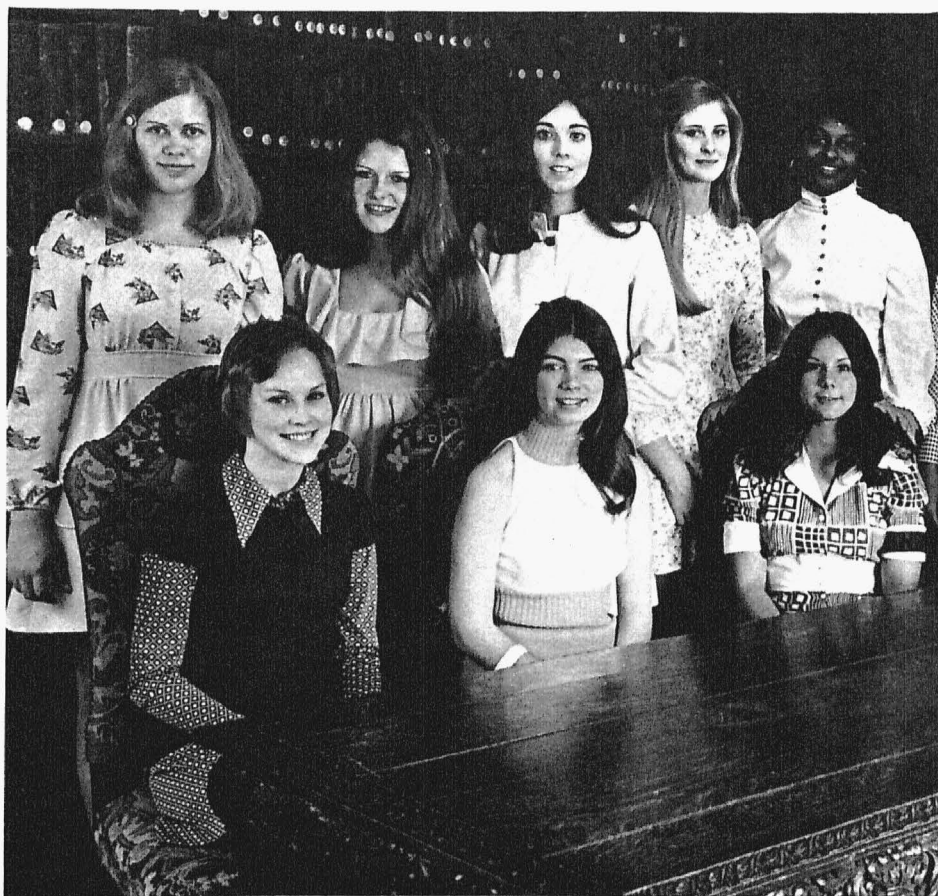
The integrated concept stimulates students' incentives to learn, to grow, to achieve. It is a dynamic approach to educating nurse practitioners.

Instruction and selected learning experiences will occur in the classroom, campus laboratory, Baptist Memorial Hospital, and other institutions and agencies in the community. Transportation to and from clinical placements will be the student's responsibility.

## RADIOLOGIC TECHNOLOGY

In cooperation with North Kansas City Memorial Hospital, William Jewell College offers a four-year course leading to a Bachelor of Science degree in Radiological Technology. Three years are spent in residence at William Jewell College where the major emphasis is placed upon biology or physics, or a combination of the two; one year is

spent at the hospital. Upon satisfactory completion, students may take the National Registry Examination given by the American Society of Radiologic Technology. Advisors for the program are Dr. Wallace A. Hilton in physics, Dr. B. L. Wagenknecht in biology, and Dr. Donald Wald, North Kansas City Memorial Hospital.





# STUDENT LIFE

## LEARNING WHILE LIVING

Expanding students' horizons, adding broadened dimensions to their viewpoint, and enriching their personalities are vital roles of a liberal arts education.

Exploring the many facets of student life at William Jewell College serves as a valued extension to one's academic work.

## STUDENT ORGANIZATIONS

William Jewell offers a broad spectrum of student organizations. Listed are some of the organizations available to students. Those in bold are national societies.

Aeons (senior honorary for men)

**Alpha Delta Pi**

**Alpha Gamma Delta**

**Alpha Lambda Delta** (freshman women's honorary)

**Alpha Phi Omega**

(Service Organization)

**Alpha Psi Omega** (dramatics)

American Chemical Society (student affiliate)

**Beta Beta Beta** (biology)

Big Sister Council

Black Student Association

Association of Childhood Educators

Cardinelles

Christian Student Union

Church Music Conference

Church-Related Vocations

Organizations

College Union Activities

Confronters



**Delta Mu Delta** (business)

**Delta Zeta**

Gamma Beta Nu (ministerial wives)

Independent Society

Interfraternity Council

"J" Club (athletic lettermen)

Judiciary Council

**Kappa Alpha Order**

**Kappa Mu Epsilon** (mathematics)

**Lambda Chi Alpha**

MATRIX (Math Club)

**Nu Zeta Sigma** (freshman men's  
honorary)

Panhellenic Council

Panaegis (senior honorary for  
women)

PEM Club (physical education  
majors)

**Phi Alpha Theta** (history)

Phi Epsilon (scholarship)

**Phi Gamma Delta**

**Phi Mu Alpha Sinfonia** (music for

men)

**Phi Sigma Iota** (Romance  
languages)

Phyettes (Alpha Phi Omega wo-  
men's affiliate)

**Pi Gamma Mu** (social science)

**Pi Kappa Delta** (forensics)

Political Science Club

**Psi Psi Psi** (psychology)

**Sigma Alpha Iota** (music for  
women)

**Sigma Nu**

**Sigma Pi Sigma** (physics)

**Sigma Tau Delta** (creative writing)

Sociology Club

Student National Education  
Association

William Jewell Players

Women's Athletic Association

Young Democrats

Young Republicans

**Zeta Tau Alpha**



## ACHIEVEMENT DAY

Each year the college celebrates its tradition as the "Campus of Achievement" by sponsoring ACHIEVEMENT DAY on campus and in metropolitan Kansas City. Outstanding alumni are invited back to the campus to receive Citations for Outstanding Achievement, and these alumni lead seminars for interested students. In addition, a nationally-prominent speaker addresses a college convocation and a large banquet gathering at a Kansas City hotel. Keynote speakers have included two Presidents of the United States, Harry S. Truman and Lyndon B. Johnson, as well as other renowned individuals such as Billy Graham, Madam V.L. Pandit, Werhner von Braun, Norman Vincent Peale, General Maxwell Taylor, and astronaut James Irwin.

## COLLEGE LECTURESHIP SERIES

The COLLEGE LECTURESHIP SERIES reflects the College's genuine concern for the student's spiritual needs as well as his increasing intellectual maturity. Bringing prominent speakers to the campus, the LECTURESHIP SERIES is designed to provide outstanding presentations of interdisciplinary examinations of world events from the perspective of the Christian viewpoint. Attendance requirements are designed to allow each student to elect the type programs that best meet his own needs and interests.

## FINE ARTS AND LECTURE SERIES

Throughout the academic year, lecturers and artists of national reputation visit the William Jewell Campus. The college Fine Arts Series is recognized as one of the outstanding cultural features nationally. Through the Yates College Union major pop and jazz artists come to the campus throughout the school year, and a Film Society Series is offered.

## STUDENT GOVERNMENT

Every student has a voice in government at William Jewell College. The students select members to the Student Senate in a general election. This elected body operates under a constitution written by students. All meetings are open. While the vote rests with elected representatives to the Senate, all students have the right to express their opinions at every Senate meeting.

Students are involved in the highest level of policy formulation. They are represented on faculty committees, the College Conduct Committee and sit with the Board of Trustees.

## STUDENT PUBLICATIONS

Students are invited to contribute to the weekly student publication, **The**

**Student**, or to serve on the college yearbook, **The Tatler**. These are the two major student publications. One need not be a journalism major to serve and contribute to these publications.

## MUSIC

Widely acclaimed for its music department activities, all William Jewell students are invited to participate in the various musical groups and tours.

The internationally famous Concert Choir of William Jewell College has performed in Europe, Middle East, South America, Canada and Mexico. It is composed of thirty-two voices selected by audition. The Chapel Choir, Concert Band, the Symphonic Wind Ensemble, Pep Band, Jazz Ensemble, Opera, College-Community Orchestra, Confronters, and the Brass Ensemble offer opportunities for personal enjoyment and expression in music.



## DRAMA

The William Jewell Players are open to all with an interest in dramatics whether as an actor, director, writer, or publicist. Students participating in their dramatic events win points leading to election into The Players.

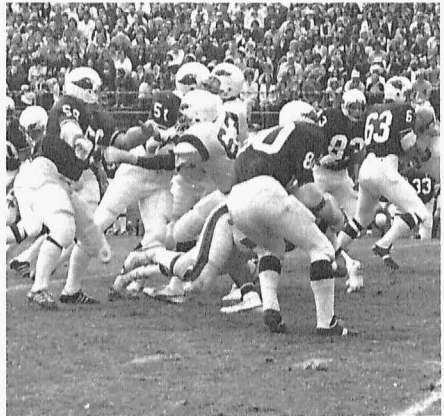
## RADIO

The college owns and operates a non-commercial 10-watt FM radio station, providing a network of communication for the campus and community, and offering opportunities in broadcasting for students.

## ATHLETICS — VARSITY AND INTRAMURAL

William Jewell College enjoys an outstanding record of achievement in the field of athletic competition. It is a member of the Heart of America Collegiate Conference and competes in the following conference sports: football, basketball, baseball, track, golf, tennis, swimming, cross-country, soccer, and wrestling. The NAIA standard of eligibility serves as the guideline for the conference sports activities. Inter-collegiate competition for women is offered in basketball, volleyball, swimming, tennis and field hockey.

In addition, a strong program of Intramural Men's and Women's sports is offered.



## HEALTH CENTER

The college health center is in Ely Hall, under the full-time direction of a registered nurse, with college physicians reporting daily to treat students requiring medical attention. Many competent private physicians in the Kansas City area are, of course, readily available. All full-time students carry the Student Health and Accident Insurance which provides some assistance with the cost of most illnesses.

## STUDENT SERVICES

The Counseling and Testing Center offers a variety of professional services to students making educational, vocational and personal decisions. Trained counselors are available to administer and interpret various test instruments helpful in assessing the student's aptitude and interests.

Each student has a primary faculty adviser and/or a Personal Advisory Committee to assist him in his college career. The committee includes persons competent in the student's area of concentration.

## RESIDENCE HALLS

Nothing is more enriching to the total college experience than living "on campus". Unmarried students, not living at home, live on campus

unless written permission by the Dean of Students excuses them from this requirement. Students living in fraternity houses are considered as living "on campus".

All students living in Residence Halls are served meals in the College Union. Each student provides his own pillows, linens, and bed covers. Curtains are not required. All students are subject to the campus regulations and policies of the college as they affect residence halls and all areas of student life. These regulations are fully outlined and delineated in the student handbook, "Around the Columns." Students should avail themselves of a copy and read it carefully so that they have full understanding of those regulations that provide for a sound, workable college community.

## AUTOMOBILE RESTRICTIONS

Freshman students must wait until the end of their first semester before applying to the office of Student Affairs for an automobile permit. Students receiving financial aid are not permitted the use of automobiles except with special permission from the Office of Student Affairs. All sophomores, juniors and seniors are permitted to have automobiles, subject to those regulations established by the college. Violation of these controls is subject to fine and disciplinary action.





# ADMISSIONS AND FINANCES

William Jewell College encourages applications from students who are serious about enrolling in a co-educational liberal arts college, and who have given indication in their secondary school experience that they are sufficiently mature to profit from and contribute to the college.

## REQUIREMENTS FOR ADMISSION

Scores from American College Testing program

Recommendation by the high school counselor or principal

Preference is given to graduates from accredited high schools with sixteen units of high school credits as follows:

English .....	4
Mathematics .....	2
Science .....	1
Social Studies .....	1
Foreign languages or additional in the above .....	8

Class standing in the upper half is usually considered minimum.

Admittance is open to all students meeting these standards regardless of race, creed or color.

**Individual consideration** is given to veterans and other mature applicants who may not meet all requirements.

The college reserves the right to deny admission to any applicant whose academic history or personal qualifications in its judgment make him unsuited to college work and living.

## EARLY ADMISSION

High school students demonstrating exceptional academic ability may take eight credit hours during the summer session following their junior year. After their senior year and graduation from high school, the school sends their transcripts to the college registrar so the college

credit may be recorded. Students attending William Jewell the summer following their junior year and the following summer, may enter college at the regular time in September with 16 semester hours of credit already earned.

## TRANSFER STUDENTS

An applicant transferring to William Jewell from another college should ask the last college attended to send a transcript and statement of honorable dismissal to the Admissions Office.

William Jewell generally accepts credits for work which would have been taken if the work had been done at WJC. The following applies to transferring students:

Student credits will be accepted as they apply to the college curriculum offered at WJC, if the student presents an overall C average.

Students permanently suspended from another institution will not be accepted.

No more than 62 to 64 semester hours of work will be accepted from junior colleges.

In order to receive a degree from William Jewell College, students must complete the entire senior year (minimum 30 semester hours) in residence.

## APPLICATION PROCEDURE

For admission, a candidate is requested to send:

1. Application for Admission. (A \$10 non-refundable fee must accompany each application, and the processing will not begin until this application fee is received.)
2. High school transcript or credits from other colleges presented to the college.
3. Results of a physical examination, reported on the official college form.

## THE FINANCIAL PICTURE

### GENERAL FEES

	ONE SEMESTER	NINE MONTHS
Tuition and Fees . . . . .	\$ 762.50	\$1,525.00
Room . . . . .	200.00	400.00
Board . . . . .	312.50	625.00
Total . . . . .	\$1,275.00	\$2,550.00

### SPECIAL FEES

Late registration . . . . .	\$25
Late payment fee . . . . .	\$15

All accounts are due and payable on or before the first day of classes. This includes all students who have pre-enrolled. Those who do not clear their financial obligations before the first day of classes will be charged a late payment fee. Those who wish other than cash pay-

ments may take advantage of varied time payment plans by contacting the Business Office.

Change of course after registration.....\$5

Students taking either Education 410, Supervised Student Teaching in the Elementary School; or Education 420 Supervised Student Teaching in High School.....\$75

Graduation fee, seniors only, payable at time of fall registration

Auditing any course, part-time students, per semester hour ..... \$15

Uncollectable checks ..... \$ 5

Learning Skills ..... \$50

All students taking more than 17 semester hours in a semester pay \$25 for each credit hour above 17, except that two hours will be allowed over 17 without extra cost, if in applied music. This allowance applies to vocal and instrumental ensembles, as well as to individual lessons.

Students registered for less than 12 semester hours will pay tuition at the rate of \$60.00 per semester hour.

The full amount of a semester's charge is payable on or before August 15 for the fall semester and on or before December 15 for the second semester.

## BOOKS

Approximately \$125 per year is needed for cash purchases of books and supplies from the college bookstore.

## MUSIC FEES

In addition to tuition charges as provided above, fees for private one-half hour music lessons and for class music lessons are as follows:

### ACTIVITY

### One Semester

Music majors:

one lesson per week ..... \$ 40

two lessons per week ..... \$ 80

Non-music majors:

one lesson per week ..... \$ 60

two lessons per week ..... \$120

Special students: one lesson per week ..... \$ 60

Voice class ..... \$ 25

Piano class ..... \$ 25

## RESIDENT APPLICANTS

Resident hall reservations and security deposits are made through the Admissions Office, with room assignments made in the summer based on the order in which room deposits are received.

Every resident student is required to post a \$50.00 room reservation deposit within 30 days after notice of acceptance is received. (Room

deposit must accompany application after June 1.) Space in the residence halls cannot be guaranteed when this deposit is made. After June 1, the room reservation deposit is refundable only if applicant is physically unable to enroll or if the college is unable to complete the contract (i.e., lack of space in residence halls). After the student moves into the residence halls this \$50.00 deposit serves as a "damage deposit" and as a "reservation deposit" for the following semester. If a student does not intend to return as a resident student the following semester, application should be made to the associate dean of students prior to the close of the current semester for a room deposit refund. If no damages have been assessed during the student's tenure at William Jewell College, and all financial obligations have been satisfied, the deposit is fully refundable.

## **DEFERRED PAYMENT OF EDUCATION COSTS**

Low-cost deferred payment programs are available through Education Funds, Inc., Tuition Plan, Inc. and College Aid Plan, which provide for payments directly to the lending agency at a reasonable interest rate, depending on the number of years selected for repayment.

## **TUITION REFUND**

Tuition is refundable for withdrawal for other than disciplinary reasons

as follows:

- 80% within the first two weeks
- 60% within the first three weeks
- 40% within the first four weeks
- 20% within the first five weeks
- None after five weeks.

The tuition refund schedule for students reducing registration to 17 credit hours or below 12 credit hours is the same as above.

All fees and room charges are non-refundable.

Students withdrawing during the semester will receive a 50% refund on their board on a pro rata basis. Fifty percent of the board is not refundable.

For students withdrawing because of protracted illness, certified to by an attending physician, the unused portion of the board paid in advance is refundable.

Refunds will not be made when a student is dismissed for disciplinary reasons.

## **FINANCIAL RESPONSIBILITY**

Willingness to assume financial responsibility is a mark of increasing maturity. Students whose accounts with the College are unsatisfactory are not issued grades, transcripts or diplomas; room, board and other privileges may be suspended as a result of unsatisfactory student accounts.

## **REGISTRATION**

Students may register at the be-

ginning of either semester, at the beginning of the summer school, or at pre-registration periods.

For specific dates and times of registration for first and second semester and the summer school, students should refer to the college

calendar in this catalog.

Registration, including settlement of all charges at the business office, must be completed by the date listed in the calendar or be subject to the late fee.



## ORIENTATION FOR FRESHMEN AND TRANSFERS

A program of lectures, social events, and registration procedures introduces new students to William Jewell College life. General orientation for all students new to the college will be conducted during registration week, in accordance with the calendar.

A Freshman Colloquium program introduces new students to the world of issues and ideas that will be confronted in college and to some of their new professors. New students meet in the home of a faculty member, during the first few days on campus, to discuss prescribed reading done in the summer before the beginning of school. A later meeting is held in that week or in the semester for discussion of student problems and matters of mutual concern.

## LATE REGISTRATION

Students enrolling for the first time may have the privilege of registering as late as two weeks after the beginning of classes by obtaining the dean's permission. This provision does not cancel the extra fee for late registration or late settlement of charges.

## CHANGES IN COURSES

All changes in a course of study must be approved by the academic dean and are **not allowed after the second week** from the beginning of a semester, which is calculated from the **first day classes begin**. Exceptions may be made on the recommendation of the college physician or the head of the department in which the student is majoring.

No course may be **added** after the second week following the **day classes start** after registration.

Unless a demonstrated error has been made in the student's advisory program, all changes in courses are assessed a charge of \$5 for each change in schedule after registration.

The dropping of a course without the approval of the dean will carry an automatic penalty of an F grade in the course.

Students who desire to change their major field, once this has been formally declared, should have the concurrence of the heads of the departments concerned and the written approval of the dean before any change is made.

## MINIMUM CLASS SIZE

The college reserves the right to discontinue any section in any course in which the enrollment is not sufficient to justify its being held. This decision rests with the dean of the college. Generally, sections with fewer than six registrants will not be maintained.





# SCHOLARSHIPS AND AWARDS

## **SCHOLARSHIPS AND FINANCIAL AID**

William Jewell College has a student aid endowment fund with earnings dedicated to scholarships and grants-in-aid. Scholarships are awarded for academic excellence, while grants-in-aid are awarded on the basis of need and academic standing.

Persons seeking scholarships or grants-in-aid are required to:

1. Make application to the Financial Aids Committee.
2. Apply for renewal of aid by March 15 of the expiring year,

since most awards are for one year only.

3. Maintain a B average or above for scholarship recipients; a C average for grants-in-aid.
4. Avoid excessive absences from the Lectureship Series, irregular class attendance, and evidences of lack of serious purpose, since each is cause to withdraw the award.
5. Carry 14 semester hours of work unless excused by the Financial Aid Committee or the Dean of the College.

PLEASE NOTE:

Refrain from having motor vehicles unless permission is granted in writing by the Dean of Students.

William Jewell College participates in the American College Testing Program, subscribing to the principle that the amount of financial aid granted a student should be based upon financial need. Students seeking financial assistance

are required to submit a copy of the ACT Family Financial Statement to the American College Testing Program, designating William Jewell College as one of the recipients. The ACT form may be obtained from a secondary school or William Jewell College.

Endowment funds have been created for student financial aid by a number of generous benefactors.

**MEMORIALS AND GIFTS OF \$1,000 OR MORE ARE AS FOLLOWS:**

Lon G. Amick Memorial Fund .....	\$ 2,000.00
Agnes Atwood Estate .....	5,000.00
W. B. Ballew (ministerial) .....	1,000.00
Mary Alice Barton .....	11,601.00
Howard Tichenor Beavor Memorial .....	6,036.42
Belch Memorial .....	17,430.00
William Edward Billings Scholarship .....	1,000.00
Blenchard Fund (ministerial) .....	2,173.00
Bertha Rees Blythe Memorial .....	1,000.00
James D. Borawski Memorial .....	2,400.00
R. E. "Dad" Bowles Scholarship Fund .....	4,425.00
Marion Bratcher Estate .....	24,353.70
Marion E. Bratcher (ministerial) .....	22,399.41
George B. Bridges Memorial .....	5,000.00
Bryant Memorial .....	1,640.00
James P. and Maude S. Bridges .....	22,033.00
W. P. and Cora R. Browning Memorial .....	87,063.00
C. M. Buckner .....	1,000.00
C. M. Buckner Memorial .....	1,000.00
Richard A. Bywaters .....	1,500.00
Emma A. Campbell .....	1,000.00
John E. and Emma J. Campbell Memorial .....	3,500.00
J. E. and E. J. Campbell .....	3,805.00
E. Kemper Carter .....	8,800.00
J. C. Carter .....	1,000.00
Joe L. Clarke .....	15,236.00

Class of 1913 .....	3,000.00
Class of 1943 .....	1,400.00
Ida Coffman (juniors) .....	2,000.00
Allen B. Colfry, Jr. Memorial .....	1,595.00
John A. Connett Memorial .....	102,678.00
Edra Cox Estate .....	8,629.00
W. A. and Martha Alice Crouch .....	1,000.00
Crouch Family Memorial .....	10,000.00
Mary B. Cunningham .....	38,357.00
G. H. Cuthbertson Memorial .....	1,100.00
Ralph and Gladys Davidson Award .....	15,977.64
Delmar Baptist Church (St. Louis) .....	6,500.00
James Ellis Deems and Mollie Ann (Coen) Deems Memorial — Jr./Sr. ....	1,000.00
Helen Early .....	1,250.00
James R. Eaton Memorial Award .....	25,000.00
Mary H. Elliott Memorial .....	1,000.00
W. F. Elliott (ministerial) .....	1,000.00
C. J. Elmore .....	1,490.00
Benjamin and Martha Herndon Ely (juniors, competitive) .....	2,000.00
Howard L. and Louise Emerson Memorial (ministerial) .....	15,000.00
First Baptist Church (St. Joseph) .....	1,500.00
Henry W. Gilliam Memorial .....	1,500.00
Noah M. Givan .....	1,000.00
Mamie West Gordon and William Syd Gordon .....	5,977.00
Florence Gordon Hall and William Syd Gordon .....	5,977.00
Graham Baptist Church (Skidmore, Mo.) .....	1,500.00
William C. Harris Memorial (ministerial) .....	2,412.00
P. Caspar Harvey Memorial .....	1,725.00
Johanna Nordman Herget Memorial .....	1,625.00
John F. Herget .....	1,030.00
John Minor Herget Memorial .....	2,450.00
Bessie Hill Estate .....	42,000.00
Charles Hoffman Memorial Scholarship .....	15,977.64
Cloice R. Howd Memorial .....	4,132.00
Humphrey .....	1,000.00
Elizabeth Price Johnson .....	1,000.00
Judson W. Jones Memorial .....	1,013.00

Minetry Jones .....	1,500.00
Florence V. King Estate .....	5,000.00
A. R. Levering (sophomores) .....	2,000.00
Sam Leimkuehler Estate .....	57,700.00
Nelson E. McCoy (ministerial) .....	10,000.00
Rella Gibbs McCrory Trust .....	598,000.00
Thomas F. Melvin (ministerial) .....	1,000.00
G. T. Millen .....	1,500.00
H. Guy and Myron Moore —	
Broadway Baptist Church, Fort Worth .....	2,500.00
James M. Motley Award for a Junior .....	10,000.00
Leola Mulvania Scholarship .....	1,692.00
Merwien Murphy .....	1,000.00
William C. Nelson Memorial Scholarship .....	1,180.00
Captain Bower Reynolds Patrick Memorial .....	1,000.00
Norris A. Patterson Fund .....	1,000.00
Harriette Pearson .....	1,786.14
Garnett M. Peters (Clay County boys) .....	5,000.00
Mary Best Peters Memorial	
(Clays County boys) .....	5,000.00
Ethyl Cooper Potter Memorial .....	25,000.00
Richmond High School Competitive	
(One Freshman) .....	1,000.00
(One Sophomore) .....	1,000.00
Roy Roberts Estate .....	10,000.00
I. B. Maud Robinson .....	5,000.00
William James and Susie Ray Robinson .....	7,615.00
Roselle Estate .....	18,734.00
Albert Rowell Scholarship Fund .....	7,000.00
William M. Senter .....	1,000.00
Catherine, Janet, John Sillers (senior competitive) .....	1,500.00
J. Neil Smith .....	4,927.00
Stafford Estate .....	46,864.00
Lolah Wayland Stamper Memorial .....	25,000.00
Alexander Trotter .....	2,500.00
Richard E. Turner .....	1,000.00
Donald M. Wald Fund .....	2,900.00
William Earl Widner Memorial (ministerial) .....	10,000.00
William Earl Widner Memorial .....	10,000.00
W. J. Williamson and Central Church of	
St. Louis Memorial .....	1,206.00
Woman's Committee of William Jewell College .....	1,000.00

G. W. Wood .....	10,000.00
John B. Wornall .....	4,500.00
A. F. Wetzel Scholarship .....	3,000.00
William F. Yates Memorial Scholarship .....	34,400.00

## ENDOWMENT FUND

### DONORS:

Memorials include: William W. Adams; Samuel J. Brown Memorial; James M. Browning; George S. Bryant; Margaret Elizabeth Bryant; Pauline Byrant; Carl Burkhardt Memorial, John L. and Elizabeth Burnham; Nannie Burns; William W. Bywaters; U.S. Campbell; J. L. Carmichael; Centralia (Mo.) Baptist Church; Children's Home; Class of 1908; Class of 1915; Class of 1943; Harriet M. Cole and Edna Cole; Emmeline Willis Cromwell; William P. Crosswhite; James L. and Ruth Downing Memorial; Frank Ely; R. C. Ely; Englewood Baptist Church (Chicago); Donald Deppen Everett; J. Everingham; S. Fred Farran; J. P. Graham; Cynthia A. Graves (ministerial); Mrs. J. R. Green; John D. Green (ministerial); Amanda E. Harbaugh; Kansas City BYPU; Thelma Olney Kite Memorial (Nursing); Jennie Lee Memorial; Maryville Baptist Church; Mayview Baptist Church; William Johnson Montgomery; Northeastern; John B. Pew Memorial Fund; Mrs. Albert L. Reeves Memorial; Martha F. Trotter; Alma Welch Memorial; Ken Winterowd; and Wyatt Park Baptist Church (St. Joseph).

## OTHER SCHOLARSHIPS

The Arnote Foundation scholarships are awarded each year to graduates of Clay County high schools.

The James R. Eaton Memorial Scholarship Fund of \$25,000 with annual income provides a scholarship each year to a sophomore or junior of the preceding year majoring in chemistry or physics.

The Farmers Insurance Group grant is awarded to a student in the sophomore, junior or senior class majoring in business administration or one of the recognized liberal arts.

The Marston Scholarship is for graduate study at Brown University, and is available to a William Jewell graduate upon nomination by the William Jewell College Faculty.

The Reynolds Fund makes available \$4,000 a year for scholarships and grants-in-aid to assist worthy students preparing for the ministry and missionary service.

The David George Rowland Memorial Scholarship Fund provides \$100 per year to a promising student of the college majoring in chemistry, to be selected from the junior or third year class of the pre-



ceding year.

The Carrie Hieronymous Scholarship

The Ida Coffman Education Scholarship Fund

The Alumni Artist Scholarship Fund

The William C. Nelson Memorial Scholarship Fund

Southwestern Bell Telephone Scholarship

The Albert C. Bean Scholarship and Loan Foundation provides a \$2,000 scholarship in the amount of \$250 per semester for four years.

The Dr. Samuel Ayres and Mildred Lawson Ayres Student Fund

The Annual Colonel T. Koch Award

Kappa Alpha Mothers Club of St. Louis Award

Ed Watkins Memorial Scholarship

Ben J. Simpson Memorial Fund

## MINISTERIAL EDUCATION AND GRANTS

William Jewell College, fulfilling its role as a Baptist educational institution, makes awards to students officially recognized as seeking degrees in the Christian ministry and certain other church-related vocations.

Recognition is also available for licensed and ordained ministers of the Gospel, their wives and unmarried sons and daughters, and unmarried sons and daughters of missionaries.

## WORK OPPORTUNITIES

Part-time employment is available to students who need a larger amount of financial assistance. On-campus employment is offered according to ability and need of all worthy students.

The employees are ordinarily expected to work regularly each week at specified times. The typical work week is usually 10 to 12 hours.

Part-time employment is provided by a number of business firms in and near Liberty.

William Jewell College shares in a College Work-Study program.

Applications for employment should be made through the Office of Student Affairs.

## AWARDS CONVOCATION

Each year during an Awards Convocation outstanding students are recognized and given appropriate awards including:

**EUGENE EARLE AMICK AWARD** for excellence in economics, given to the graduating senior with the highest academic achievement in economics.

**THE FACULTY SCHOLARSHIP AWARD** presented to the graduating senior with the highest scholastic average for his or her entire college career. All academic credits must have been earned at William Jewell College.

THE "DEAN'S HONOR" OF SIGMA ALPHA IOTA for musicianship, scholastic attainment, and contributions to the Gamma Psi Chapter at William Jewell College is awarded by the national fraternity.

THE FRANK B. HEARNE MEDAL IN CHEMISTRY is awarded for excellence in the study of chemistry and is usually given to a senior. A substantial cash award accompanies the medal.

THE CECIL R. MARTIN ATHLETIC AWARD is given to the outstanding athlete of the year.

THE MARION E. BRATCHER AWARD is given to a student of William Jewell College who shall submit the best paper on the subject: "The Practical Qualifications for the Ministry."

THE SUSIE RAY ROBINSON Poetry Award

THE JOHN E. DAVIS SIGMA PI SIGMA AWARD in Physics given to the student with the highest academic achievement for the year in general physics. The name of the recipient is placed on a permanent plaque which hangs in Marston Science Hall.

THE WALL STREET JOURNAL Student Achievement Award

THE DAVID ALAN DUCE AWARD for the senior majoring in philosophy who has earned the highest overall standing in that subject.

THE JAMES B. SULLIVAN MEMORIAL cash award given by the Psychology Club to the junior majoring in psychology who exhibits

the greatest promise in the field of psychology and the highest level of scholarship and campus achievement.

THE PHI ALPHA THETA AWARD scholarship key given annually to a senior member chosen on the basis of scholarship, general leadership, character, chapter activities, and a paper on a historical subject.

THE R. C. HILTON PHYSICS AWARD. The income from a gift of \$3,500.00 from Dr. and Mrs. Wallace A. Hilton in memory of his parents, Mr. and Mrs. R. C. Hilton, is awarded each year to a physics major for independent study and research during his junior or senior year. Announcement of the award is made at the springhonorsconvocation.





# CREDITS, EVALUATION AND GRADES

## **GRADING, EXAMINATIONS AND GRADE POINTS**

1. Grades are expressed by the letters A, B, C, D, F, W, WP, and WF. The first four letters indicate grades ranging in order from 100 percent down to 60 percent. F means failure. WP means withdrew passing, WF means withdrew failing.

2. Each grade has a grade-point value as follows: A, 4 grade points per credit hour; B, 3 grade points per credit hour; C, 2 grade points per credit hour; D, 1 grade point per credit hour; F, 0 grade points per credit hour. Scholastic averages are computed upon the basis of hours attempted and the total number of grade points earned. For graduation, the total number of grade points must be two times the number of hours attempted (or an average of C).

## **APPROVED "D" AND "F" POLICY**

A department may elect to require majors to repeat courses in which the grade earned is "D" or "F". When such courses are repeated and a satisfactory performance recorded, only the repeat grade shall be used in determining the grade point average.

A student having decided to repeat a course in which his initial performance has been recorded as a "D" or "F", and having attained a higher grade, shall have only the higher grade used in determining his grade point average.

It shall be noted that any "D" or "F" remains a part of the permanent record with only the higher grade of a repeated course used for grade point average computation.

## POLICY FOR DROPPING COURSES

Students may be permitted to drop a course anytime prior to completing the work of the course with the written permission and signature of the instructor, advisor, and Academic Dean. If the student drops the course prior to the completion of the fourth week, nothing will appear on the transcript. During the fifth through the eighth week, "W" will appear on the transcript; and after the eighth week, "WF" or "WP" will appear on the transcript. Each teacher should provide to his students a clear statement of his attitude toward dropping, explained as nearly as possible in terms of the educational values involved.

## QUALITY OF WORK

While the college endeavors to keep students informed of their academic progress, and issues formal reports after each semester, the student must assume the obligation of maintaining an accurate current picture of his status and progress and of keeping informed of regulations as they are stated in this catalog.

A student is expected to secure each semester at least two times as many grade points as the total number of hours for which he is registered.

**Students whose overall academic average is below 2.0 are considered on academic probation.**

At the end of the first five weeks of each semester, a report is made to the Dean of all students who are doing unsatisfactory work in any class.

In order to remain in this college a student must achieve:

A grade point ratio of 1.5 at the end of his second semester;

A grade point ratio of 1.75 at the end of his fourth semester; and

A grade point ratio of 2.0 at the end of his sixth semester.

## EVALUATION PROCEDURES

In an effort to give the student prompt, helpful information on his academic achievement, the college has adopted a system of evaluation that will work in concert with grades to aid a student in measuring his progress.

In classes of twenty-five students or less, the professor will prepare by mid-term an evaluation form advising the students of progress in specified areas, such as mastery of course information analytic or creative ability, ability to organize and present ideas, self-motivation and self-discipline, ability to work with others, abilities in self-evaluation.

In classes of more than twenty-five members, the evaluation form may be prepared for students who request it or who can gain special profit from having it.

## CLASSIFICATION OF STUDENTS

Students are classified as follows:

Freshman	1 to 23 semester hours
Sophomore	24 to 59 semester hours
Junior	60 to 89 semester hours
Senior	90 to 124 semester hours

## HONORS COURSES

Honors courses are indicated by "H" after the course number and represent special, limited-enrollment courses in which the highly motivated student with proven competency may enroll. Such a course explores subject matter in greater depth or pursues additional material relevant to the course. An Honors Course might also be characterized by its uniqueness of approach or perhaps by its interdisciplinary flavor. Specific information about such courses listed in the catalogue may be obtained from the departmental chairman.

## HONORS

The Honor Roll for each semester will include the names of students who have carried a program of fourteen or more semester hours, who have no grade lower than C in any subject, and who have achieved a minimum grade-point ratio of 3.5.

A student who completes the work

for the degree with as many as 3.8 grade points for each hour attempted is graduated **Summa Cum Laude**, and this is cited with the degree. A student who completes his work with a ratio between 3.5 and 3.799 is graduated **Magna Cum Laude**, and this is cited with the degree.

## GRADUATION WITH HONORS/GRADUATION WITH ACHIEVEMENT

The student who wants an added challenge of academic excellence may seek graduation with honors or achievement. Eligible students must have a minimum grade point average of 3.5 at the time of graduation, and have completed "A" level work on a special project over two or more semesters in a concentrated area. A special undertaking appropriate for the discipline concerned will be required beyond the usual requirements for graduation.

Additional information may be obtained regarding the Honors Program challenge and pursuit of academic distinction by contacting the academic dean, chairman of the honors council, or any faculty member.

## PASS-FAIL OPTION

The purpose of the pass-fail option is to encourage a student to attempt courses of interest to him



which he would normally avoid because of lack of background.

Any sophomore, junior, or senior in good academic standing may elect to take one course a semester under the pass-fail option with the following limitations:

- 1) No more than 20 pass-fail hours;
- 2) No course in the major or required course in the minor;
- 3) No course specifically required for graduation;
- 4) No course being taken to meet the requirement of a block or group;
- 5) No course required for teacher certification or pre-professional requirement.

Grades of P or F received under this option will be included in computing the grade-point average, but credit earned will apply toward graduation.

NOTE — The student will elect this option at enrollment (with the registrar's office) and can change it only during the normal time allowed for a change in courses — before the end of the second week of classes.

## INCOMPLETE WORK

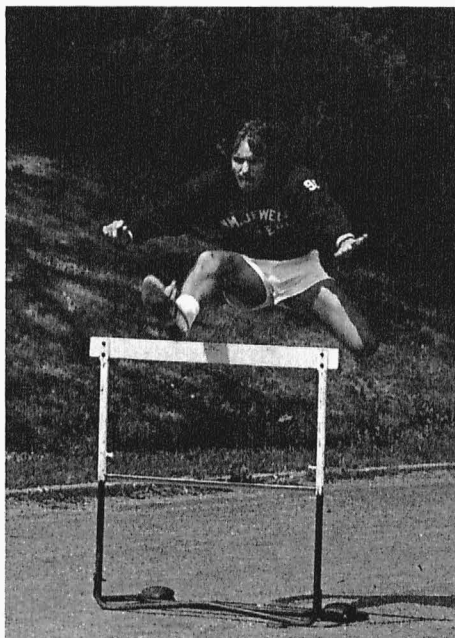
If at the close of any semester a student's grade is reported as "incomplete," he must make up the deficiency by the end of the seventh week in the following semester or the incomplete becomes a grade of F, except with the approval of the dean of the college.

## WITHDRAWAL FROM COLLEGE

If a student should find it necessary for any reason to withdraw from college, he must file with the registrar the regular withdrawal form, which he obtains from the office of student affairs. Otherwise, he will receive a grade of F in all his courses.

## SUMMER SCHOOL CREDIT

A student desiring to take work elsewhere during the summer months should work out plans in advance with his Personal Advisory Committee. Written approval from the dean of the college, secured in advance, will be necessary to assure transfer of summer credit back to William Jewell College.





If only  
I may  
grow  
Farmer  
simpler  
quieter  
farmer

THE HAMMARSKJÖLD MUSEUM  
DESIGNED BY: [illegible] BY: [illegible]

# COURSES OF STUDY

Courses in the college are organized by academic departments, or disciplines, with an increasing number of courses offered along interdisciplinary or cross-departmental lines.

A student may choose one of twenty-one existing areas of concentration, or majors, as his field of speciality. Or, he may design his own area of concentration in consultation with his Personal Advisory Committee, using the resources of one or several academic departments.

This means that the number of possible majors open to him is nearly limitless. Some examples are noted in the section on "Curriculum," in this catalog. Conventional majors of the college are as follows: art, biology, business administration, chemistry, communication, economics, education, English, French, history, mathematics, music, nursing education, philosophy, physical education, physics, political science, psychology, religion, sociology, Spanish.

When a student chooses an area of concentration, whether it is conventional or non-traditional, he will need to see that it meets certain guidelines:

1. It must have an inner logic and coherence based on clearly-stated principles of organization. The student will articulate

these principles in writing for his Personal Advisory Committee and will summarize them in his program booklet. The coherence should be easy to establish in traditional departmental majors, though even here it should be thought out and written so that the principles of organization are clear. In a non-traditional major these principles will be especially important to the validity of the program.

2. It must be clearly-defined in scope so that it is not excessively broad or narrow.
3. It must take into account outside requirements that may effect the student's goals: teacher certification, graduate school admission, and the like.
4. It must take into account the language or competency requirements associated with the proposed area of concentration. These requirements will be established in the same manner as specific course requirements for the area.

## LISTING OF COURSES

Following is a list of courses offered in the college. The college reserves the privilege of adding courses or of

omitting courses for which demand is insufficient to justify offering.

Credit for courses is indicated in semester hours. Courses in the series 300 and 400 are primarily for juniors and seniors.

The official schedule of classes is presented in a printed sheet distributed at the beginning of each semester.

## Independent Study

200, 300, 400. Independent Study.  
1-8 hrs

250, 350, 450. Independent Study.  
Group project. 1-8 hrs.

## Art

*Major:* 36 hours. Specifically including Art 250, 251, 203, 303, 325, 450

**103. Ceramic Design.** 4 cr. hrs.  
Hand construction: Wheel thrown pottery: Basic glazing techniques.

**125. Drawing and Painting.** 4 cr. hrs.  
Basic drawing: Water-base painting technique. First semester.

**203. Visual Design.** 4 cr. hrs.  
Basic composition; color. Essentially 2-dimensional with various materials. First semester, alternate years. *Prerequisite:* Art 125 or consent of instructor.

**225. Drawing and Painting.** 4 cr. hrs.  
Advanced drawing; oil painting techniques. Second semester. *Prerequisite:* Art 125 or consent of instructor.

**250. Art History** 4 cr. hrs.  
Survey of prehistoric through 14th century. First semester.

**251. Art History** 4 cr. hrs.  
Survey of 15th century up to and including

20th century. Art 250 recommended but not required. Second semester.

**303. Environmental Design.** 4 cr. hrs.  
Three-dimensional and sculptural design related to environment. *Prerequisite:* Art 203. Second semester, alternate years.

**310. Printmaking: Silk Screen** 2 cr. hrs.  
Basic techniques and experiments. *Prerequisite:* Art 125 or consent of instructor. First semester, alternate years.

**311. Printmaking: Woodcut.** 2 cr. hrs.  
Basic techniques and experiments. *Prerequisite:* Art 125 or consent of instructor. Second semester, alternate years.

**325. Drawing and Painting.** 4 cr. hrs.  
Advanced painting; Illustration. *Prerequisite:* Art 225. Second semester.

**149,249,349,350,449,450. Special Problems.** 2 cr. hrs.

149, 249, 349, 350, 449: Enrichment courses offered as specialists are available, or as advanced work in existing program. Art 450: Senior portfolio, exhibit. First semester, senior year. To be arranged.

## Biology

*Major:* Thirty-two hours. The following courses are required: Biology 107H, 231, 346, 405, 408, 409, at least eight hours of chemistry and eight hours of physics.

Major for secondary school teachers: 28 semester hours, including all courses listed for majors. Students who have not made a C or higher in Biology 107H will not be encouraged to continue.

Courses in biology taken in preparation for professional schools or graduate programs may not be taken pass-fail.

**107. General Biology.**

4 cr. hrs.

An introduction to the methodology and fundamental concepts of the biological sciences. Intended for those students who do not intend to major in biology or a related area. Students intending to major in biology, nursing or other pre-professional areas should enroll in Biology 107H.

**107H. General Biology-Honors.**

4 cr. hrs.

An introduction to the methodology and fundamental concepts of the biological sciences. Intended for those students who are intending to major in biology or a professional field related to biology.

**108. Environmental Biology.**

4 cr. hrs.

This course will provide an understanding of how ecological principles and relationships govern the everyday activities of man. Man's involvement in current environmental issues will be covered through discussion groups and class projects. *Prerequisite:* Biology 107.

**221. Microbiology.**

5 cr. hrs.

This course will cover the structure, physiology, genetics, and ecology of the Protista especially the bacteria and viruses. Emphasis is placed upon their relationship to plants and animals including man. *Prerequisites:* Biology 107H or equivalent, Chemistry 101 and 102 or equivalents. One semester of Organic Chemistry is urged but not required.

**226. Invertebrate Zoology.**

4 cr. hrs.

A course affording an opportunity to become acquainted with representative invertebrate animals. First semester.

**231. General Botany.**

4 cr. hrs.

A study of the biology of plants. Special emphasis will be placed on physiological and structural processes as they relate to the plant kingdom in its traditionally recognized limits. *Prerequisites:* Biology 107H or equivalent. Required of all biology majors.

**239. Human Physiology.**

4-6 cr. hrs.

The study of the relationship between structure and function in the human body. Special emphasis is placed on the study of mechan-

isms of homeostasis. *Prerequisite:* Biology 107H or equivalent and Chemistry 101 and 102 or equivalent. Not open to seniors majoring in biology or chemistry.

**241. Comparative Anatomy.**

4 cr. hrs.

The study of the gross structural organization of representative vertebrate species. *Prerequisite:* Biology 107H or equivalent.

**251. Entomology.**

4 cr. hrs.

A course dealing with the structure, classification, and economic relationships of the major groups of insects. *Prerequisite:* Biology 107H or equivalent.

**301. Environmental Field Studies**

2-6 cr. hrs.

A field study of environments distinct from those found in the Midwest.

**324. Embryology.**

4 cr. hrs.

The study of patterns and mechanisms of vertebrate embryonic development. *Prerequisite:* 8 hours of biology, Chemistry 101 and 102 or equivalent.

**325. Histology.**

4 cr. hrs.

The study of the microscopic anatomy and function of vertebrate tissues and organs. *Prerequisite:* 8 hours of biology, Chemistry 101 and 102 or equivalent.

**333. Plant Taxonomy.**

4 cr. hrs.

An introduction into the identification and classification of vascular plants. *Prerequisite:* Biology 107H or equivalent.

**335. Animal Taxonomy.**

4 cr. hrs.

A study of the taxonomy and natural history of local fauna. *Prerequisite:* Biology 107H or equivalent.

**346. Genetics.**

4 cr. hrs.

The course covers both Mendelian and molecular genetics. *Prerequisite:* Biology 107H or equivalent. Required of all majors.

**398, 399, 400, 401. Problems in Biology**

1 to 3 cr. hrs.

Opportunity for the junior and senior major to do advanced work on some phase of bi-

ology. Total credit not to exceed 6 hours.  
*Prerequisite:* Consent of head of department.  
 By arrangement.

**405. Recent Advances in Biology.** 1 cr. hr.  
 A seminar. First semester. Required of all senior majors.

**408. Ecology.** 4 cr. hrs.  
 The study of the factors governing the relationships among flora, fauna, and environments. *Prerequisite:* senior biology major or consent of instructor. It is strongly recommended that the student have had an invertebrate zoology course and either plant or animal taxonomy. Required of all majors.

**409. Cell Physiology.** 4 cr. hrs.  
 The study of the structure and function of cells. *Prerequisite:* 9 hours of biology, Chemistry 101 and 102 or equivalent, Physics 111 and 112; Organic Chemistry recommended. Required of all majors.

## Geology

**201. Earth Science.** 4 cr. hrs.  
 An introductory laboratory course in the structure and origin of the earth, designed to meet the earth science requirement for teacher certification. *Prerequisites:* One year of laboratory science. Second semester.

## Nutrition

**307. Nutrition.** 2 cr. hrs.  
 A study of the basic principles of normal nutrition and the application of these principles to the nutritional requirements at various developmental levels. This course is primarily for nursing majors. *Prerequisite:* Chemistry 102.

## Chemistry

### THE JAMES ANDREW YATES DEPARTMENT OF CHEMISTRY

*Major:* Twenty-four hours of chemistry are required. Chemistry 101-102 or 105; 206, 301, 302, 401, 402, Math 199-202 and Physics 213 and

214 are recommended for professional preparation. Chemistry 101-102 or 105, 301, 302, Math 199-200, Physics 111-112 or 213-214 and Biology 107H are required courses for those fulfilling the premedical background. The chemistry major will be completed with credit from other chemistry courses of the student's choice. Freshman students are advised at the start of each school year as to which introductory course — 101, 102, or 105 — they should take in order to make maximum use of their chemical backgrounds.

### 101, 102. General Chemistry

4 cr. hrs. first semester,  
 5 cr. hrs. second semester

An introductory course in chemistry, based on the systematic development of principles and concepts which are considered basic to the field of chemistry. Three lectures, an optional discussion session, and one 3-hour laboratory period per week for Chemistry 101. Three lectures, an optional discussion session, and two laboratory periods per week for Chemistry 102.

### 105. Fundamental Chemistry. 5 cr. hrs.

A study of some fundamental principles of chemistry, including atomic structure, chemical bonding, states of matter, acid-base theory, equilibrium, thermodynamics, kinetics. Laboratory work is qualitative and quantitative in nature. This course may not be taken for credit by a student successfully completing Chemistry 102 with a grade B or better. Three lectures and two 3-hour laboratory periods per week. First semester.

### 206. Analytical Chemistry. 4 cr. hrs.

Classical methods of quantitative analysis taught from a physical point of view. Calibration techniques and statistical interpretation are included. Theory and problems are em-



phasized strongly. *Prerequisite:* Chemistry 102, 105, or consent of instructor. First and second semester, two lectures and two 3-hour laboratory periods per week.

### **301, 302. Organic Chemistry**

*5 cr. hrs. per semester*

A discussion of the important classes of organic compounds in the aliphatic and aromatic series, including their preparation, reactions, and mechanisms of reactions. IR and NMR spectra of compounds will be studied. Three lectures, one optional discussion-help session, and two 3-hour laboratory periods each week.

### **306. Advanced Analytical Chemistry. 4 cr. hrs.**

Instrumentation and interpretation of data obtained through the use of instruments in the areas of spectroscopy, nuclear magnetic resonance, chromatography, and electrochemistry, are studied. *Prerequisite:* Chemistry 206. Second semester, two lectures and two 3-hour laboratory periods per week.

### **401, 402. Physical Chemistry.**

*4 cr. hrs. per semester*

A study of quantum theory, statistical mechanics, thermodynamics, gases, solids, liquids, solutions, kinetics, electrochemistry, spectroscopy, etc. *Prerequisite:* Calculus. Differential Equations is strongly recommended. First and second semester, three lecture-recitation periods and one 3-hour laboratory period per week.

### **403. Advanced Organic Chemistry. 3 cr. hrs.**

A study of certain aspects of organic chemistry, including the use of spectroscopic data in structure determination, mechanisms of reactions, stereochemistry, and resonance. First semester, two lectures and one 3-hour laboratory per week.

### **404. Advanced Inorganic Chemistry. 3 cr. hrs.**

A systematic treatment of the chemical elements and their more important compounds, stressing bonding, periodic relationships and coordination chemistry. Second semester, two lectures and one 3-hour laboratory period per week.

### **407. Qualitative Organic Analysis. 3 cr. hrs.**

A study of the characteristic chemical reactions of compounds containing elements commonly present in organic compounds and the determination of their classification and identity from qualitative reactions. First semester, one lecture and two 3-hour laboratory periods per week.

### **410a, 410b. Introduction to Chemical Literature and Research**

*1 to 3 cr. hrs. each semester*

Only those students who show promise of doing graduate study in chemistry are admitted to this course. The student selects a research problem, which requires the approval of the staff member directing the research, upon which he spends a minimum of 100 hours in research for each hour of credit. No credit is given until a complete report has been submitted concerning the project studied. The report is to be written in the form recommended by the editors of the *Journal of the American Chemical Society*. First and second semesters.

## **Communication**

*Major:* A minimum of 26 hours in courses numbered 200 or above, selected with advisor's approval according to the area of concentration. Course 402 is required of all majors. Prospective speech teachers should take 12 hours in theatre, 12 hours in public address (including at least 2 hours of debate), and six hours of electives in the communication field.

### **100. Communication Theory and Practice.**

*4 cr. hrs.*

A study of the theory of communication, including small group discussion and problems

of audience adaptation. Preparation and presentation of various forms of speech activity, with use of recording and video equipment. Fulfills requirement for graduation. Freshmen with superior high school training in speech should enroll in the accelerated section or in Argumentation or Persuasion to fulfill the requirement. Offered each semester.

### **105. Interpersonal Communication**

*2 cr. hrs.*

A study of communication problems found in our society that cripple relationships; designed to help the student understand and apply new patterns for communicating with others. Communication problems are approached by involving students in structured exercises dealing with such areas as: first impressions, perceptions, biases, inferences, listening, group dynamics, and semantics. College of the Evening.

### **100A. Communication Theory and Practice, Accelerated.**

*4 cr. hrs.*

An accelerated section of basic communication designed for students with considerable speech training in high school. Enrollment with consent of the department.

### **201-301. Argumentation and Debate**

*Each unit, 2 cr. hrs.*

201 — Fundamentals. The fundamentals of argumentative speech, analysis, outlining, evidence, and use of reasoning. Designed for the student who has no background in debate. Units will include emphasis of speaking skills developed through individual contest-type speaking. Recommended for students preparing for ministry, law, and secondary speech education. Not open to students with extensive debate background.

301 — Advanced. Designed for the student with debate background who is interested in continuing intercollegiate debate. Review of basics, with study of varieties of case methods. Students will confront issues current in academic debate and can expect to partici-

pate in at least two tournaments during the semester. Former high school debaters who do not wish to debate in college should take Comm. 204 to fulfill the communication graduation requirement.

### **204. Persuasion.**

*4 cr. hrs.*

Study and practice in the construction and delivery of persuasive speeches, with a survey of pertinent studies. Emphasis on adaptation for special audience attitudes. Recommended for students who have had previous speech training; relevant for debaters, pre-law, and church-related vocation students. Fulfills requirement for graduation with consent of department. Second semester.

### **211. Mass Media: The Press.**

*4 cr. hrs.*

The techniques of newspaper writing, with the stress on general reporting, features, and editorials. Problems in copy editing and layout. Study of the role of the press in society. Practical work on college publications. Recommended for prospective secondary school English teachers. First semester.

### **212. Mass Media: Radio, Television, and Advertising**

*4 cr. hrs.*

Study of the socio-economic aspects of broadcasting and advertising. Use of recording and video equipment for the development of programs and training in broadcasting techniques. Second semester.

### **220. Theatre I: Oral Interpretation.**

*4 cr. hrs.*

Reading as a creative process. Individual guidance and practice to help the student perfect his skill in oral reading of all types of literature. Study of the anatomy and physiology of the vocal mechanism and development of body and voice as expressive agents. First semester.

### **222. Theatre II: Introduction to Theatre.**

*4 cr. hrs.*

An overview of theatre: Explores the dramatic genres, basic theories of acting, and approaches to character analysis. Laboratory practice in scenes from plays and in theatre productions. First semester.

**225. Voice and Phonetics.**

*1 cr. hr.*

Concentration on the learning of the International Phonetic Alphabet and its application in the articulation and enunciation of the English language. Important for music, communication, English, and education majors. First semester.

**309. British and American Public Address.**

*4 cr. hrs.*

Historical and critical study of significant British and American speakers, with analysis of structure, content, and influence of their works. First semester, alternate years.

**320. Technical Theatre.**

*4 cr. hrs.*

Theory and practice in design and construction of stage scenery, and makeup. Projects in lighting, costuming, and other areas of theatre production. Emphasis on needs of theatre majors, teachers, and religious and educational drama enthusiasts. Second semester, alternate years.

**322. Directing.**

*4 cr. hrs.*

Designed to prepare future teachers and young people's leaders to direct dramatic productions. Demonstration of production methods with limited budgets and physical facilities. Analysis of appropriate pieces for

use in school and church. Basic concepts of interpretation and adaptation for reader's and chamber theatre. Practical experience in directing experimental series plays. Second semester, alternate years.

**330. Introduction to Communication Disorders.**

*4 cr. hrs.*

Survey of the common speech disorders and their causes. Includes study of the development of speech and the emotional problems surrounding speech disorders. Includes observation of disorders through field trips. This is also useful for prospective elementary teachers. Second semester.

**332. Testing and Articulation.**

*4 cr. hrs.*

Clinical and school procedures in speech correction. Two hours of class per week, and four hours of clinical activity, emphasizing (a) therapeutic procedures (b) diagnostic techniques (c) lesson planning and record keeping. First semester, alternate years.

**401. Communication Activities.**

*1-4 cr. hrs.*

Designed for special activities and independent study. Credit may be obtained in forensics, theatre, interpretation, radio, and writing, in addition to credit in regular courses. Activities and requirements should be



planned in advance with the supervising staff member. Credit available each semester.

**402. Senior Seminar.** *1 cr. hr.*

Required of all senior communication majors as preparation for professional and graduate work. Students applying for graduation with honors may receive additional credit in this course. First semester.

**410. Speech for Teachers.** *4 cr. hrs.*

An accelerated course for elementary education majors, stressing speech preparation and delivery, oral reading, recognition of speech disorders, and general semantics. Summer session.

## Economics and Business Administration

### ECONOMICS

*Major:* 24 hours including 105-6, 201, 202, and 302. Economics majors must also take the following Business Administration courses: 211, 216 and 326.

*Mathematics:* Professional economists must be good mathematicians. If a student intends to teach economics or to work as an economist in government or business, he should take as much mathematics as he can work into his schedule.

**105. Principles of Economics I.** *4 cr. hrs.*

Elementary description of the capitalistic enterprise system of the United States. Theory of production and pricing and national income analysis are introduced but not treated with rigor. The following problems and topics are explored: business organization and accounts, poverty, competition and monopoly, commercial banking system, international trade, developing economies, and comparative systems. Students interested in a single course in economics should take this one. Each semester and summer session.

**106. Principles of Economics II.** *4 cr. hrs.*

Continues with materials introduced in Economics 105, but with a more rigorous treatment of national income accounts, pricing products and factors, monopoly and competition. May be taken as a first course by students interested in economic theory. Second semester.

**201. Microeconomics (The Price System).**

*4 cr. hrs.*

A continuation of the study of prices, production, consumption, resource allocation and market structures begun in course 106, which is prerequisite. First semester.

**202. Macroeconomics (National Income, Activity and Employment).**

*4 cr. hrs.*

National income and product accounting, the level of economics activity, fiscal and monetary theory and policy. *Prerequisite:* Economics 106. Second semester.

**302. Money and Banking.**

*4 cr. hrs.*

History and structure of the banking system, objectives and instruments of monetary policy, current monetary issues and problems. *Prerequisite:* Economics 105, 106, or consent of instructor. Second semester.

**304. Introduction to International Economics.**

*2 cr. hrs.*

Trade incentives and patterns, comparative advantage, trade barriers and agreements, international finance and financial institutions. *Prerequisite:* Any other economics course or consent of instructor. First semester alternates with Economics 318.

**318. Public Finance.**

*4 cr. hrs.*

The American tax and expenditure system as it affects employment efficiency, income distribution, and other objectives. *Prerequisite:* Economics 106 or consent of instructor. First semester alternates with Economics 304.

## INDIVIDUAL PROJECTS IN ECONOMICS AND BUSINESS ADMINISTRATION

Opportunity for independent study directed toward areas of special interest in business and economics is offered in the form of directed readings, in which the material to be read is selected and assigned by some member of the department; independent readings in which the materials to be read and reported on are selected by the student with the subject to be approved by the advisory committee; and research projects which may take the form of library research or research into some topic of special interest on or off campus as well as independent projects involving a combination of work experience and observation with supporting reading and research. A prerequisite for enrollment in courses of this type is formulation of an acceptable proposal, and tentative working out of methodology as well as preliminary investigation of availability of materials.

260, 360, & 460. Directed readings.  
1-4 cr. hrs.

265, 365, & 465. Individual readings.  
1-4 cr. hrs.

251, 351, & 451. Seminars in Business and Economics 1-4 cr. hrs.

280, 380, & 480. Independent and off-campus research. 1-4 cr. hrs.

## **BUSINESS ADMINISTRATION**

*Major, Bachelor of Arts degree:* At least 24 hours, including Economics 105 and Business Administration 211, 212, 216, and 321. Candidates for Bachelor of Arts degrees may not include in the hours presented

for graduation more than 46 hours from economics and business administration combined.

*Bachelor of Science degree:* A minimum of 40 hours and maximum of 60 hours in business administration, economics, and related fields. The courses listed above under Bachelor of Arts degree are expected to be completed by all candidates. In addition, Mathematics 125, and Business Administration 301 and 326 are required.

*Mathematics:* See note under major for economics.

While foreign language is not required of majors in Business Administration, every student should be aware that the extent of business relationships involving Europe and Latin America will increase rapidly during his lifetime. Mastery of German, French, or Spanish gives a unique entree into such situations. Since few Business Administration students in the United States seem to be aware of this, the demand for this skill will exceed supply for years to come.

## **Business Administration — General**

### **216. Elementary Statistics for Social Sciences** 4 cr. hrs.

A first course in statistics for students in education and the social sciences. Collection, interpretation and presentation of statistical data. No mathematical background assumed. (Also listed as Mathematics 216, and Psychology 216)

**231. Business Law I.** 4 cr. hrs.  
Contracts, agency, employment, negotiable instruments. First semester.

**232. Business Law II.** 4 cr. hrs.

Corporations, partnerships, sales, bailments, real and personal property. Second semester.

**301. Personnel Administration.** 4 cr. hrs.

An examination of the personnel process beginning with recruitment; examining man in his work environment in its sociological, psychological, and behavioral implications. Alternates with 321. First semester 1976-77.

**311. Marketing.** 4 cr. hrs.

A study of the institutions, channels, and functions involved in the distribution of goods. Second semester.

**312. Business Finance.** 4 cr. hrs.

Forms of organization, financial institutions and instruments, legal aspects of finance, financial administration and decisions. Second semester 1976-77.

**316. Personal Finance and Investment Management.** 4 cr. hrs.

Real Estate, home ownership, securities markets and risks, tax aspects of investment decisions, fundamental and technical approaches to investment decisions. Second semester 1975-76, 1977-78.

**321. Organization and Management.** 4 cr. hrs.

Concepts and structures of organizations. Personality and interpersonal relations. Functions and activities requiring management, managerial activities. First semester 1975-76. Alternates with 301.

**326. Quantitative Methods in Business and Economics.** 4 cr. hrs.

An introduction to techniques, and applications in business and economics of operations analysis, with emphasis on management decision making. *Prerequisite:* 216 or consent of instructor. Second semester.

## BACHELOR OF SCIENCE IN ACCOUNTING

A minimum of 40 hours and maxi-

mum of 60 hours in business administration, economics, and related fields, including Economics 105 and Business Administration 216, 231, 232, 211, 212, 331, 332, 336, and 431. However, individual programs may be adjusted to meet particular objectives in consultation with the department head.

**211. Principles of Accounting I** 4 cr. hrs.

The measurement of financial information, the accounting cycle and preparation of statements, notes and interest, analysis of financial statements. First Semester.

**212. Principles of Accounting II** 4 cr. hrs.

Organization for planning and control, systems of cost accumulation, comprehensive budgeting, measuring and reporting performance, reporting the effects of price changes. *Prerequisite:* 211. Second semester.

**331. Intermediate Accounting I.** 4 cr. hrs.

Theory, financial statements, temporary investments, receivables, inventories, non-current assets. *Prerequisite:* 212. First semester. Offered 1976-77.

**332. Intermediate Accounting II.** 4 cr. hrs.

Current and long-term liabilities, paid-in capital, retained earnings, financial statement analysis, funds flow. *Prerequisite:* 331. Second semester. Offered 1976-77.

**336. Income Tax.** 4 cr. hrs.

Laws and regulations, determination of taxable income, deductions, exclusions, making and filing returns. *Prerequisite:* 212. First semester.

**431. Advanced Accounting.** 4 cr. hrs.

Accounting for partnerships, joint ventures, installment sales, consignments, home and branch offices, consolidated statements. *Prerequisite:* 332.



**441. Cost Accounting.** 4 cr. hrs.

Analysis and control of production and distribution costs, selection and use of cost control systems, budgeting and analytical processes. *Prerequisite:* 212. First semester. Offered 1975-76.

**445. Governmental Accounting.** 4 cr. hrs.

Concepts peculiar to the planning and administration of public and quasi-public organizations, such as governmental units and institutions such as hospitals and colleges. *Prerequisite:* 431. Second semester. Offered 1975-76.

**450. Auditing.** 4 cr. hrs.

Examination of financial condition and ac-

counting procedures by public accountants and internal auditors; professional ethics; auditing standards; working papers and reports. *Prerequisite:* 431. Second semester. Offered 1975-76.

**480. Accounting****Internship**

Maximum-12 cr. hrs.

Open to seniors who have demonstrated excellence in accounting; enrollment with consent of department. Students are placed with an accounting firm for a period of one semester and receive one hour credit for each forty hours worked, up to a maximum of 12 credit hours for a semester of full-time work. Performance will be evaluated through conference with the supervisor.

**SUGGESTED PROGRAM FOR****BACHELOR OF SCIENCE IN****ACCOUNTING****Freshman Year**

FALL	HRS.	SPRING	HRS.
B.A. 211 Financial Accounting	4 (R)	B.A. 212 Managerial Accounting	4 (R)
Eng. 100 Freshman Composition	4 (R)	Religion elective	4 (R)
Econ. 105 General Economics	4 (R)	Comm. 100 Communication	4 (R)
P.E. 100 Physical Education	2 (R)	Econ. 106 General Economics	4 (H)
			<hr/>
			16
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	14		

**Sophomore Year**

FALL	HRS.	SPRING	HRS.
B.A. 331 Intermediate Accounting I	4 (R)	B.A. 332 Intermediate Accounting II	4 (R)
Natural Science elective	4 (R)	Eng. 200 Literature	4 (R)
B.A. 231 Business Law I	4 (R)	Block Req. or elective	4 (R)
B.A. 301 Personnel Administration	4 (H)	B.A. 232 Business Law II	4 (R)
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	16		

*Continued*

**Junior Year**

FALL	HRS.	SPRING	HRS.
B.A. 431 Advanced Accounting	4 (R)	B.A. 445 Governmental Accounting	4 (H)
B.A. 216 Statistics	4 (R)	B.A. 450 Auditing	4 (H)
Block Req. or elective	4 (R)	B.A. 326 Quantitative Analysis	4 (H)
Math 125 Intro. to Computing	4 (R)	B.A. 312 Business Finance	4 (H)
	<u>16</u>		<u>16</u>

**Senior Year**

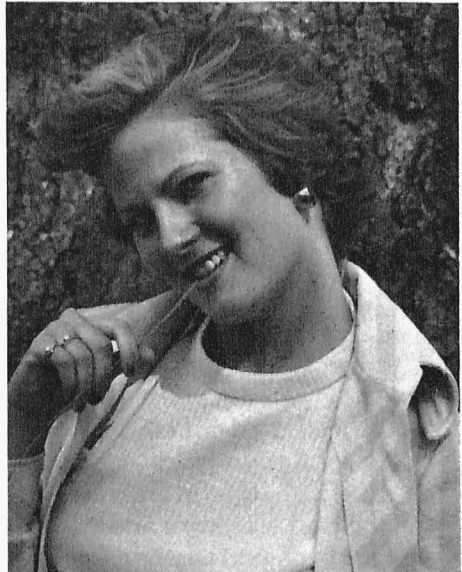
FALL	HRS.	SPRING	HRS.
B.A. 335 Income Tax Independent Study	4 (R)	B.A. 441 Cost Accounting	4 (H)
Block Req. or elective	4 (R)	Econ. 302 Money and Banking	4 (H)
Block Req. or elective	4 (R)	Block Req. or elective	4 (H)
	<u>16</u>	Block Req. or elective	<u>4 (H)</u>
			16

R — Required

H — Highly Recommended

See course listings under Economics for seminars, readings and individual projects.

Math courses including Math 125 and other computer related courses as well as courses in probability and statistics will be accepted toward credit for an economics or business major. Courses in other departments that are relevant to objectives in the major area may also be counted with consent of the department head and the advisory committee.



Education

Certification in Secondary Education

William Jewell College urges students who plan to teach in the public school system (secondary grades) to major in the academic

field in which they would teach, and to take the professional education courses required by state certification office as electives.

William Jewell College's certification requirements for students preparing to teach in high schools are:

Education 305 Educational Psychology .....	4 cr. hrs.
*Education B300 Social and Philosophical Foundations for Teaching .....	4 cr. hrs.
Education 310 Instructional Methodology .....	4 cr. hrs.
**Various Special Methods for Teaching (The Course for the major field) .....	2 cr. hrs.
*Education B420 Student Teaching for Secondary School Teachers .....	8 cr. hrs.
Total	22 cr. hrs.

This total will vary as some departments must require more than 22 credit hours.

\*These courses are taken in the fall or spring of the senior year on the block.

\*\*These courses may be offered by the departments either during the junior year off the block or during the senior year on the block.

Missouri Secondary Certificate Requirements

ART	Grades K-12	Grades K-9
1. Design	8	6
2. Painting and Drawing	8	6
3. Elective Art credit	12	7
4. Art for Elementary Grades	2	2
Total	30	21
ENGLISH	Grades K-12	Grades K-9
1. Composition, Rhetoric, Grammar, Linguistics, etc. (To include a course in Advanced Composition for Secondary)	12	9
2. American Literature	5	5
3. English Literature and/or World Literature	5	5
4. Problems of Teaching Reading in Secondary Schools	2	2
5. Elective English credit (speech, dramatics, journalism, literature, etc.)	6	
Total	30	21

## SPEECH AND DRAMATICS

	Grades K-12	Grades K-9
1. Composition, Rhetoric and Grammar (To include a course in Advanced Composition — secondary only)	8	5
2. Speech and Dramatics	18	12
3. Elective English and Speech credit	<u>4</u>	<u>4</u>
Total	<u>30</u>	<u>21</u>

FOREIGN LANGUAGE (Grades K-12) — 30 hours in foreign language, including 24 hours in language taught, or 24 hours in one language plus two or more high school units in a foreign language.

(Grades K-9) — 21 hours in foreign language, including 18 hours in the language taught, or 18 plus 2 or more high school units in a foreign language.

	Grades 7-12	Grades 7-9
MATHEMATICS		
Mathematics	30	21
(At least 10 semester hours of mathematics above beginning calculus. Secondary certificate only)		

## MUSIC

	Grades K-12	Grades K-9
1. Instrumental (Band-Orchestra)		
a. Theory, including ear training, sight singing, dictation, etc.	8	6
b. Conducting	2	2
c. Piano	6	4
(1) d. Instruments, other than piano or organ (from among brass, w.w., strings, percussion, etc.)	8	4
e. Elective music credit	10	6
f. Music for Elementary grades	<u>2</u>	<u>2</u>
Total	<u>36</u>	<u>24</u>

## 2. Vocal (Glee Club-Chorus)

a.	Theory, including ear training, sight singing, dictation, etc.	8	6
b.	Conducting	2	2
c.	Piano	6	4
(2) d.	Voice (approx. 1/2 to be choral techniques)	8	4
e.	Elective music credit	10	6
f.	Music for elementary grades	2	2
Total		<u>36</u>	<u>24</u>

## 3. Instrumental and Vocal

a.	Theory, including ear training, sight singing, dictation, etc.	8	6
b.	Conducting	2	2
c.	Piano	6	4
(2) d.	Voice (approx. 1/2 to be choral techniques)	8	4
(1) e.	Instruments, other than piano or organ (from among brass, w.w., strings, percussion, etc.	8	4
f.	Elective music credit	6	6
g.	Music for elementary grades	2	2
Total		<u>40</u>	<u>28</u>

(1) Must include credit in band and/or orchestra

(2) Must include credit in chorus and/or choir

HEALTH AND PHYSICAL EDUCATION	Grades K-12	Grades 1-9
1. Health, education, first aid, anatomy, physiology, dental hygiene, etc.	10	8
2. Theory courses, sports, rhythms and games	8	4
3. Coaching major or minor sports	6	4
4. Elective physical education credits	4	3
5. Physical education for elementary grades	2	2
Total	<u>30</u>	<u>21</u>

NOTE: Teachers certificated to teach biology may be certificated to teach health if they have 10 hours in zoology, anatomy, and bacteriology, and 10 hours in health education or physiology.

## SCIENCE — Grades 7-12

1. Chemistry — 30 in science, including 20 in chemistry
2. Physics — 30 in science, including 20 in physics
3. Biology — 30 in science, including 20 in biological Science
4. Science 7-8-9: Requirements as follows:

	Grades
	7-9
a. Chemistry	4-5
b. Physics	4-5
c. Biology	8-10
d. Earth Science	4-5
Total	<u>21</u>

## SOCIAL STUDIES

	Grades 7-12	Grades 7-9
1. American History	8-10	5
2. European or World History	8-10	5
3. U.S. and/or State Government	5	3
4. Economics	3-5	3
5. Sociology	3-5	
6. Geography	3-5	3
7. Elective social studies credit	0-10	2
Total	<u>40</u>	<u>21</u>

**ADMISSION AND RETENTION****REQUIREMENTS FOR STUDENTS IN  
TEACHER TRAINING PROGRAMS.**

*For Secondary Education:* Students who wish to take courses designed to qualify them for certification in any state are expected to meet certain standards and follow the procedures listed below:

**Procedures:**

Students should apply to Professor Robert Wicke, director of secondary education, for entrance into the teacher training program as early as possible in their college careers. If they have not declared their intention to be certified prior to en-

rollment in Education 305, they are asked to complete a registration form then.

Those people desiring to be certified to teach in other states should become certified in Missouri. Most states have reciprocity with Missouri. Where there are courses in addition to Missouri's required by other states, the student will be advised of such should he ask the education department chairman.

When students wish to be certified in more than one field, they



major in the first field and take the required courses for the second field. They must have a 2.5 average in each field in order to qualify for student teaching and recommendation for certification.

Before February 1st of their Junior year, students must make formal application in the Education Office, I-106 Library, for admission to the block courses. At this time they indicate the semester during which they want to student teach during their senior year.

Students transferring to William Jewell College who desire to teach must consult Dr. Wicke before they will be admitted to the teacher education program or courses.

All students who file for the block courses and student teaching will be notified of their admission to these courses during the summer after they file. Also, all students are expected to report to the campus before other students in late August. Whether students choose to student teach in the fall or spring they must report in August for one week of full-day observation in the public schools with the teacher with whom they will student teach. Students are sent notification of the school and teacher for their assignment during July.

### Standards:

1. The committee on student teaching\* authorizes approval of students for student teaching on the basis of all of the following: health examination,

emotional maturity, character evaluations by members of the faculty, approval of the department of the secondary school subject area in which the student plans to teach, and a grade point ratio\*\*. (In cases which are demonstrably exceptional and in which slightly lower grade standing is favorably balanced by other important considerations, occasional minor exceptions may be made by the committee.)

2. Students who do not meet these requirements will not be permitted to register in the necessary courses, and those who fail to maintain the required standards will not be recommended to the state certification officer for certification.

*Major in Elementary Education:* Education 210, 211, B300, 301, 305, 410. Those students who plan to teach Kindergarten should take Education 205.

Students who earn a major in elementary Education are expected at the same time to meet requirements for teacher certification. See requirements for Certification below.

At the beginning of the second semester of their sophomore year, students must apply in writing to Professor Lutie Chiles, director of elementary education, for review by the committee on elementary education. The committee approves students whom it finds suitable on

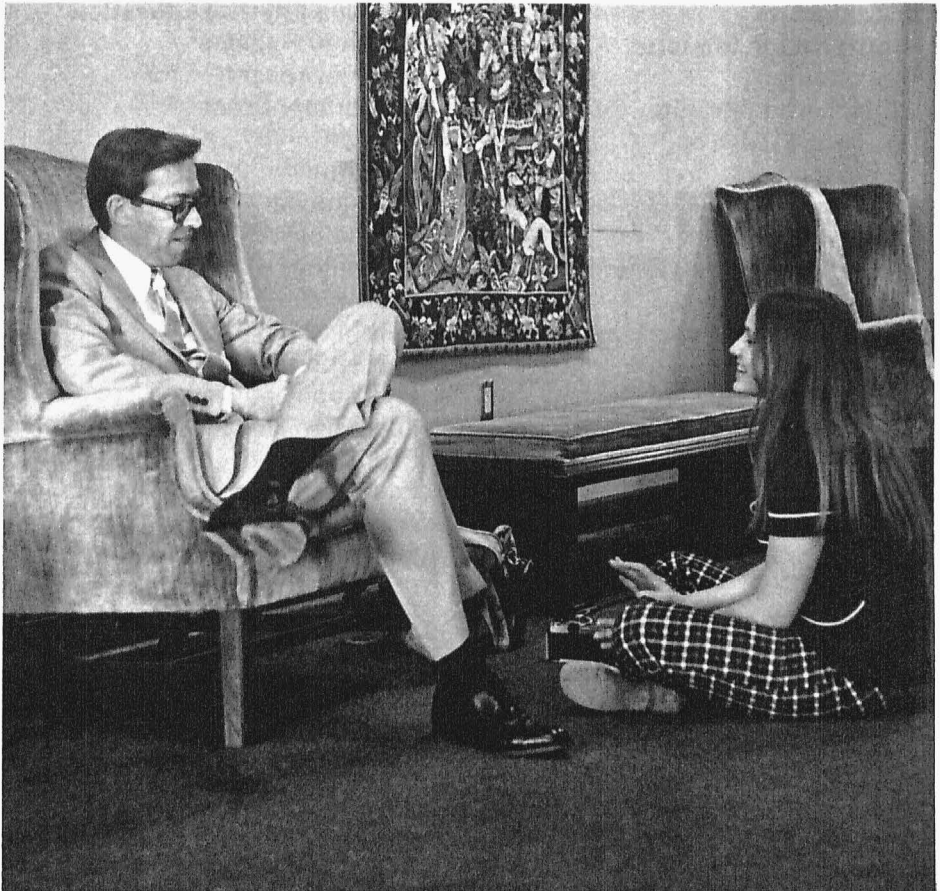
the basis of grades, test scores, health examination, emotional maturity, and evaluation by teachers.

By the end of the sophomore year, elementary education majors are expected to have earned a grade point ratio of 2.5 or higher in all courses taken in the education department and a 2.2 overall accumulative average. (In cases which are demonstrably exceptional and in which slightly lower grade standing is favorably balanced by other im-

portant considerations, slight exceptions may be made by the committee on teacher training.)

\*The committee on professional teacher education consists of the following: dean of the college, dean of students affairs, chairman of the education department, members of the education department, chairmen of other departments.

\*\*Students are expected to have a grade point ratio of 2.5 in all work taken in their major field and a 2.2 accumulative average at the end of the junior year.



Missouri Elementary Certificate Requirements

- I. GENERAL REQUIREMENTS FOR ELEMENTARY TEACHERS
  - A. A baccalaureate degree from a college or university accredited for teacher education.
  - B. Recommendation of designated official for teacher education in the college or university.
- II. ELEMENTARY CERTIFICATE REQUIREMENTS (Semester Hours)



	Semester Hours
<b>Language Arts</b>	
Composition, rhetoric & grammar .....	5
Children's Literature .....	2
Elective English or speech credit .....	5
<b>Social Studies</b>	
American History .....	5
U.S. or State Government .....	2
Geography .....	2
Elective social studies credit ...	3
<b>Mathematics</b>	
Math for Elementary Grades ...	2
*Elective Mathematics credit (ordinarily two courses) .	5
<b>Art and Music</b>	
Art for Elementary Grades ....	2
Music for Elementary Grades .....	2
Elective art and/or music credit .....	2
<b>Science</b>	
Biological and Physical or Earth Science (to include laboratory or field work in at least one science area) .....	12

	Semester Hours
<b>Health and Physical Education</b>	
Health or Hygiene .....	2
Physical Education for Elementary Grades .....	2
<b>Education</b>	
*The Pupil (Educational Psychology, Child Psychology, Child Growth and Development, etc.) .....	4-5
The School (History or Philosophy of Education, Foundations of Education, Organization and Management, etc.) .....	2-3
*Methods (Including the Teaching of Reading or Language Arts) ..	4-5
Student Teaching .....	5
(Minimum Block Time — 1/2 day for not less than 8 weeks, or full day for not less than 5 weeks, or the equivalent.)	
18 hours minimum requirement in education)	

\*Ordinarily two courses

## Certification Requirements in Teaching Learning Disabilities or Educable Mentally Retarded Children

Certification in teaching Learning Disabilities or Educably Mentally Retarded requires prior certification to teach in either the elementary or secondary school.

Students majoring in Elementary Education or those preparing to

teach in secondary schools may meet the State's requirements for teaching Learning Disabilities and Educably Mentally Retarded with temporary certification by taking William Jewell College courses listed below.

Required Courses			Credit Hours
Psych.	211	Basic Psychology	4
Psych.	318	Educational Tests & Measurements	2
Psych.	306	Developmental Psychology either 1st. 7 weeks (childhood) 2 hrs. or 2nd 7 weeks (adolescent) 2 hrs.	2 2
Psych.	334	Child Exceptionalities	4
Psych.	303	Psychopathology	4
Psych.	421	Intro. to Behavior Modification	2
Educ.	301	Teaching of Reading for Elementary School Teachers	4
Educ.	401	Teaching of Arithmetic for Elementary School Teachers	2
Educ.	439	Methods of Teaching Educable Mentally Retarded	2
Educ.	440	Methods of Teaching Learning Disabilities	2
Soc.		Sociology Elective	4

Students, after having the above courses, in addition to certification as Elementary or Secondary teachers, will be eligible for a 2 year temporary certificate to teach either EMR or LD children.

Should the student, upon graduation, have deficiencies of more than 8 hours among the courses above and below, he must obtain an Academic Contract from the Education Department Chairman in order to

teach in either of these fields until he obtains the courses. However, should the student take the two courses listed below at some other institution and thus have no deficiencies, he would be eligible for life certification.

Methods of Teaching Remedial Reading	2 Hrs.
Language Development for Exceptional Children	2 Hrs.

## Education

### **210. Organization and Administration in the Elementary School.** *4 cr. hrs.*

A study of the organization of our public school system, and of classroom management as it applies to the elementary school. Emphasis on community and parent-teacher-pupil relationships.

### **211. Techniques of Teaching in the Elementary School.** *4 cr. hrs.*

A study of teaching methods, teacher-pupil relationships, and curriculum used in the elementary classroom. Visitation and study to develop an understanding of the concept of the open area school, team teaching, individualized instruction, learning centers, and the non-graded school. The course includes a mini-teaching experience in an elementary school classroom. Course must be taken concurrent with Education 210 either first or second semester. Suggested for second semester Freshmen or Sophomores.

### **B300. Social and Philosophical Foundations for Teaching.** *4 cr. hrs.*

Objectives for this course are the student's awareness of the social milieu of today's schools, the heritage of ideas regarding teaching objectives as societies have evolved, and the synthesis and origination of student thinking regarding current teaching. First and second semesters.

### **301. Teaching of Reading for Elementary School Teachers.** *4 cr. hrs.*

A study of principles, materials and teaching procedures and a survey of current practices and curricula in reading programs in elementary schools. Also, study of language arts in the elementary grades with emphasis on how to develop the ability to think clearly and communicate effectively. Practical experience will be furnished with methods for teaching handwriting skills, fundamentals of grammar and creative writing. Second semester.

**302. Children's Literature.** *4 cr. hrs.*  
Acquaints the student with the best literature for elementary school children. Development

of standards and criteria for selecting materials with reference to interest, needs and abilities of children at different age levels. First semester.

### **305. Educational Psychology.** *4 cr. hrs.*

A survey of the psychological principles that have special application to the teaching-learning situation. The major topics of study include educational and psychological measurement, classroom dynamics, human development and learning. *Prerequisite:* sophomore standing. (A student must have a C grade or better in order to qualify for certification.) First and Second semesters.

### **B307. Teaching of Reading in the Junior and Senior High School.** *2 cr. hrs.*

A study of factors involved in the reading process, and basic skills and techniques of teaching reading in the junior and senior high school. Offered Spring, 1976, and Fall, 1976.

### **308. Kindergarten Methods.** *4 cr. hrs.*

Directed toward the special problems of the kindergarten teacher, including child growth and development, planning the curriculum and program, teaching methods and materials, and building home-school relationship. *Prerequisite:* 211. First semester.

### **310. Instructional Methodology.** *4 cr. hrs.*

A study of various instructional strategies, methods, techniques and approaches that are applicable to teaching in the secondary schools. Special emphases include planning, learning activities, instructional media, and evaluation. The course includes practical experience in planning and executing learning experience through the use of micro-teaching. *Prerequisite:* Education 305 and junior standing. First and Second semesters.

### **312. Science for Elementary Teachers.** *4 cr. hrs.*

Designed to acquaint the elementary school teacher with basic principles involved in teaching science in the elementary school. Stress is upon practical experiments and fundamental knowledge concerning earth and

universe, life on earth, and energy of the universe. Second semester, alternate years. Offered 1975-76.

**334. Methods in String Instruments.** *2 cr. hrs.*  
(Class Instruction) The study of violin, viola, cello and bass. Teaching techniques for string instruments. First and second semesters.

**335. Methods in Wood-wind Instruments.**

*2 cr. hrs.*  
(Class Instruction) The study of clarinet, flute, oboe, bassoon, and saxophone. Fundamentals of technique, maintenance and simple repairs. Examination and evaluation of teaching methods. Teaching techniques for wood-wind instruments. Second semester.

**336. Methods in Brass-Percussion Instruments.**

*2 cr. hrs.*  
(Class Instruction) The study of trumpet, trombone, baritone, French horn, bass, etc. Teaching techniques for brass and percussion instruments. Second semester.

**B338. Teaching Social Studies in the Secondary School.**

*2 cr. hrs.*  
A study of the special methods and techniques that have application to the teaching of social studies in secondary schools. This course should be taken in the Fall semester of the junior or senior year.

**340. Teaching Science in the Secondary School.**

*2 cr. hrs.*  
Acquaints the student with methods for teaching general science, biology, chemistry and physics in the classroom and laboratory; objectives and organization of subject matter; evaluating the pupil's progress; selection and buying of supplies and equipment; and planning of laboratories. Second semester, alternate years. Offered 1975-76.

**342. Teaching English in the Secondary School.**

*4 cr. hrs.*  
A practical course in methods of teaching of various phases of secondary English. Some observation of teaching will be included. Open only to those preparing to teach Eng-

lish. Offered Fall, 1975, and Spring, 1977.

**344. Teaching Foreign Language in the Secondary School.**

*2 cr. hrs.*  
This course is designed to aid in the training of students who will teach language in the secondary school. Students will consider the best approach to the teaching of language, plan curriculum content, evaluate textbooks and other materials, study the use of electronic equipment as well as other tools for teaching. Open to those preparing to teach foreign language. First semester.

**345. Teaching Mathematics in the Secondary School.**

*2 cr. hrs.*  
Open to those who are preparing to teach high school mathematics. The different methods of presenting the subject matter of mathematics courses taught in high school, the motivation of students, evaluation of results, evaluation and selection of texts and material are discussed. Drill in certain fundamentals of mathematics. References will be made to topics of modern mathematics. First semester.

**348. Teaching of Speech in the Secondary School.**

*2 cr. hrs.*  
Designed for students who plan to teach speech. The course includes a survey of the literature of speech, a unit in curriculum planning, study of methods of supervising extra-curricular speech activities, and practical work with freshman speech classes. Second semester, alternate years. Offered 1976-77.

**358. Teaching of Art in the Secondary School.**

*2 cr. hrs.*  
The methods and teaching of art on the secondary level. Second semester.

**365. Teaching of Physical Education for Elementary School Teachers.**

*2 cr. hrs.*  
See: Physical Education 365 for description.

**381. Music Methods.**

*4 cr. hrs.*  
Materials, methods and techniques for the vocal music program 1-12 and the instru-



mental program 7-12.

**393-394. Methods in Physical Education.**

*2 cr. hrs.*

(See course description under Physical Education 393-394.)

**B400. Teaching of Art for Elementary School Teachers.**

*2 cr. hrs.*

A study of the objectives, materials, curricula and methods of teaching art. First and second semesters.

**B401. Teaching of Mathematics for Elementary School Teachers.**

*3 cr. hrs.*

A study of the developmental sequence of mathematics in the elementary school with concentration on meaningful teaching of fundamental processes. The history and study of number systems is included. Second semester.

**B402. Teaching of Music for Elementary School Teachers.**

*2 cr. hrs.*

A study of the objectives, materials, curricula and methods of teaching music. First and second semesters.

**B410. Student Teaching for Elementary School Teachers.**

*8 cr. hrs.*

Following observation of teaching in a given grade, the student, under the direction of the supervisor and the cooperating teacher, assumes responsibility for teaching a class in elementary grades. Formal application must be made in the second semester of the student's junior year to Professor Chiles, subject to the approval of the committee on student teaching. Seminars and workshop experiences in educational media, testing and evaluation, and guidance are included as part of this course. First and second semesters.

**B420. Student Teaching for Secondary School Teachers.**

*8 cr. hrs.*

Following observation of teaching, the student, under the direction of public school cooperating teacher and the college supervisor, assumes responsibility for teaching. The

time, place, and responsibilities are determined on an individual basis. Activities begin with an "Opening of School" experience in August. This experience requires all students in the course, fall or spring, to be on campus earlier than others to start the senior year. Activities include attendance at teacher's meetings, PTA meetings, group seminars and workshops on campus. The seminars and workshops include experience with educational media, testing, study of guidance and school administration. Formal application must be made for this course before March 1 of the student's junior year to Professor Wicke, subject to the approval of the committee on student teaching. First and second semesters.

**B430. Independent Studies in Education.**

*1-4 cr. hrs.*

This course is provided for those students desiring or needing opportunities to pursue interests in any areas of concern to teachers. Examples of the concerns are: Adolescent Psychology, History and Philosophy, Administration, special honors projects, etc. First and second semester.

**439. Teaching Educable Mentally Retarded.**

*2 cr. hrs.*

A study of retardation and methods, techniques and materials used in programs serving educable mentally retarded.

**440. Teaching Learning Disabilities.**

*2 cr. hrs.*

To help student understand problems of students with learning disabilities who are normal or above average in their intellectual ability who are not able to achieve up to their potential. Both theory and practice in formulating individual prescriptions.

## English and Film

### THE JOHN PHELPS FRUIT DEPARTMENT OF ENGLISH

#### English

ENGLISH COURSES FOR ALL STUDENTS: *English 100, Freshman Com-*

*position* is required for graduation. Its intent is to assure a writing competency necessary for a full educational attainment and for clear communication among educated people. Students enter the course with a variety of abilities and preparation, but all must pass a minimum competency and are urged to achieve beyond that.

Some students who are already capable writers may take department-devised exams which rigorously demand their demonstration of competency in composition. Those who pass the exam, the writing of two essays, may enroll in a one-hour course in research skills, offered during the Spring semester: English 107; successfully passing the exam and completing English 107 will earn for the student four hours credit toward graduation and full release from the requirement for a freshman composition course.

After proving the required writing competency, either in English 100 or by the advanced placement method, the student will be expected to maintain that competency or an even higher standard, and his written work will be subject to the scrutiny of each of his teachers in recognition that clear and effective communication is a concern of all educated persons. If a teacher finds a student's writing to be below standard, he will refer that student to the English department for additional or remedial work. Any student so referred must

demonstrate his competency to the satisfaction of the English department before he receives credit for the course from which he was referred.

*A literature course* of four hours is required to assure that the student has examined features of life and values by means of reading and understanding literature. The courses which fulfill this requirement are indicated by an asterisk (\*) beside the course number. One course is specifically designed for the student with minimal background in literary study and a general interest: *English 200, Studies in Literature*; because various subjects are offered each semester and from semester to semester of this course, a student may take more than one semester of English 200 as long as he does not duplicate the subject matter. Any student who wishes to take alternate asterisked courses may do so and will be welcome. All English courses except English 100 apply toward fulfillment of the humanities group requirement for graduation.

ENGLISH MAJOR: As in the total College program, the English department expects that each English major will construct at the outset of his career in the major a prospectus of courses and projects which are unified within his own well-developed rationale. He is expected to consider and describe his personal educational goals as clearly and fully as possible: goals for his

entire career and goals for each course or project he selects. He is encouraged to include in his prospectus realistic views of the roles he will assume in society at the end of his educational career at William Jewell and in the years beyond graduation. A minimum of twenty-four semester hours is required of each student; the maximum possible is forty semester hours (neither limit includes English 100).

Among these hours, the English major must include 400, 410, and 420 or equivalents. He must also demonstrate his ability at intense literary concentration on one work by taking a non-credit senior seminar during his last spring semester. In fulfilling the general requirements for graduation, the English major is expected to choose those courses which pertain to his personal educational goals and otherwise to choose courses which will introduce him to new experiences in the humanities and social sciences and deepen his understanding of his total environment. He is expected to fulfill the language requirement with French, German, or Spanish unless he has a strong interest in textual studies through computer. English study is a major only within the B.A. program.

Classes in the English department range across the many possibilities of teaching method, expected student activity, and content. All are based on the expression of the English language, usually in literary

works, all include among their goals the increase both of the reading understanding and the writing skills of the student, the demonstration of the literal and figurative possibilities of combined language, thought, and feeling, and the promotion of the exercise of humane values.

**100. Freshman Composition.** *4 cr. hrs.*

Required of all students, though students who prove their competency by means of satisfactory attainment of a rigorous English department devised test may receive advanced placement and credit. Those who choose to take the course or who do not test out will receive individual attention toward the ends of writing in a clear, logical, and organized manner. They will also receive instruction in general research skills. Approaches toward these ends will be varied from section to section. Offered every semester.

**107. Research Skills.** *1 cr. hr.*

A course designed especially for the student who has passed the department's two-essay exam in an attempt to test out of English 100; with success on the exam and completion of this course the student may receive four hours of credit and fulfillment of the requirement for freshman composition. Centered around the full academic research paper, the course offers work in various research activities, including the library and its systems, indexes, abstracts, reference works, source finding, quotation and documentation, documentation forms, and the components of the paper.

**200\* Studies in Literature.** *4 cr. hrs.*

A literary study especially for non-English majors and for fulfilling the literature requirement for graduation. Multiple sections offered every semester. Various specified sections will be stipulated (examples: The last 100 years of American Literature; Contemporary Continental Literature; Women and Literature: Introduction to Literature). A student may take more than one semester of

English 200 as long as he does not duplicate the subject matter.

**210. Creative Writing.** *4 cr. hrs.*

A development of the techniques and practices of writing short stories and poetry through intense experimentation and small-group criticism and exchange. Limited enrollment. Offered every semester.

**212. Essay Reading and Writing.** *4 cr. hrs.*

A development of the techniques and practices of writing essays of a variety of types. Reading, vigorous output, and small-group criticism and exchange are combined. Limited enrollment. Offered every third semester (Fall, 1975)

**220\* Studies in Literary Theme and/or Motif**

*4 cr. hrs.*

A literary exploration of the recurrent ideas, values, images, and visions that man has had and felt about self, mankind, society, and the universe. The specific course offered in a given semester may isolate one theme and trace it through world literature or delineate several themes in the literature of one nation or period of time. Fulfills the literature requirement for graduation.

**240\* Studies in Literary Form (Genre).**

*4 cr. hrs.*

An exploration of the possibility of literary expression within a particular literary form. Examples of a specific course offered in a given semester might be: The Development of Drama Since Its Beginning, The Novel, Poetry, The Short Story. Fulfills the literature requirement for graduation.

**300. Language I.**

*4 cr. hrs.*

An introduction to the student's own language and to the nature of language, including the study of dominant grammars, history of language and of the Anglo-American language and lexicography. Offered every third semester (Fall, 1976).

**302. Language II.**

*4 cr. hrs.*

Continuation of the study of the student's own language, especially emphasizing the re-

lation of person to language through a study of comparative language, dialectology, and semantics. Offered every third semester (Spring, 1976).

**310. Adolescent Literature.**

*2 cr. hrs.*

A companion course to Education 307, the Teaching of Reading in Jr. High and High School. A survey of the works of literary merit which are suitable for students in grades 7 through 12. Enrollees should have a good background of literary study; most will be preparing for the teaching of English in the public schools. Special problems related to evaluation and principles of selecting adolescent literature will be dealt with.

**330\* Studies in Major Literary Writers.**

*4 cr. hrs.*

A study of the works of one or two or few major writers in quantity, providing an opportunity to learn about the creative process as it works through the life of the author or poet. Emphasis will be placed on dominant themes, motifs, stylistic characteristics. Fulfills the literature requirement for graduation.

**340\* Studies in Literature and Other Disciplines.**

*4 cr. hrs.*

A study of an issue or factor in man's experience approached with a combination of disciplines, either with the team-teaching or single-teaching methods. Samples might be courses of study in language and alienation (combining the disciplines of language, literature, philosophy, psychology, and/or religion), man as political being (combining literary works with the discipline of political science), and man as myth-maker (combining the disciplines of literature, religion, and/or psychology). Fulfills the literature requirement for graduation.

**400\* Survey of English Literature (c. 600-1800).**

*4 cr. hrs.*

Offered every third semester (Fall, 1975).

**410\* Survey of British Literature (1800-present).**

*4 cr. hrs.*

Offered every third semester (Spring, 1976).

**420\* Survey of American Literature.** *4 cr. hrs.*  
The above three courses present the sweep of the central English-language literary works, writers, movements, and traditions. Fulfill the literature requirement for graduation. Offered every third semester in alternation. (Fall 1976)

**430\* Studies in Major Works of Literature.** *4 cr. hrs.*  
A study of an important work or works of

literature in depth. Organizing principles may vary. For the advanced student of literature. Fulfills the literature requirement for graduation.

**440. Literature Seminar.** *4 cr. hrs.*  
A provision for opportunities for the most mature specific literary studies and challenges to the English major or the most serious literature students. *Prerequisite:* 12 hours of literature courses.

## Individual Projects

The following opportunities of independent and tutorial study or academic experience are an important part of the English department curriculum. They provide alternative possibilities for learning which the student designs and presents for approval on his own or which he designs in concert with a teacher and his advisor and advisory committee. Each project is to be self-motivated. Before enrolling, the student is to

formulate a proposal which presents his rationale, methods and approaches, requirements, materials, and goals to be attained. The highest educational standards and most rigorous endeavor will be expected. Freshmen should seek specific approval prior to writing the proposal. Projects should be completed two weeks before the end of the semester. (See GUIDELINES FOR INDIVIDUAL PROJECTS ... available from any English teacher.)

250, 350, 450. Individual Writing Project	2 or 4 cr. hrs.
260, 360, 460. Individual Readings Project I: Reading List course	2 or 4 cr. hrs.
265, 365, 465* Individual Readings Project II: Tutorial.	2 or 4 cr. hrs.
270, 370, 470* Individual Readings Project III; Self-Directed.	2 or 4 cr. hrs.
280, 380, 480. Individual Practicum Project.	2 or 4 cr. hrs.

## Related Majors

It is possible within the WJC curriculum to design an individual major by combining the courses and tools of two or more departments. The disciplines of literary or language study lend themselves to combinations with those of other WJC departments. Either classes or individual projects may contribute to an interdisciplinary program. Possibili-

ties:

- Making and performing plays (combining literature, creative writing, and theatre study).
- The reviewing of the arts (combining advanced writing with music, art, drama, film, and/or literary study).
- Human studies (combining literature with study in psychology, sociology, biology, and anthropology).
- Twentieth century studies (combining literature with study in history, philosophy, and perhaps sociology).

Comparative literature (combining Anglo-American literature study with the study of literature in one or more other languages).

Comparative language (combining study in English language with the study of one or more modern or ancient languages).

Mass Media (combining study in communications with study in the disciplines of language).

Perception (combining study in literary methods of art, psychology, and biology).

## Humanities

### **245. Film: The Kinetic Art.** *4 cr. hrs.*

A study of the history of the development of cinema, the steps involved in making a film, the "visual language" of film, the work of a few major directors with emphasis on stylistic differences among them, and film criticism. Open to sophomores, juniors, and seniors. Applies toward fulfillment of the humanities group requirement for graduation. Offered every third semester (Spring, 1976).

## History

A student may enroll for either half of a course with double numbers (Example: 301-302) for seven weeks and 2 hours credit.

*Prerequisites:* No history course has a prerequisite. Freshmen will not be admitted to courses numbered above 300.

*Major:* Twenty-six semester hours including History 204, eight hours of American History and eight hours of European History, Geography, Art History, Political Science 211, and 311, and Religion 335 and 336 may be counted toward the major.

*Secondary Teaching Certificate in Social Studies.* See "Missouri Secondary Certificate Requirements"

under the listing of the Department of Education.

### **101. Western Civilization to 1660.** *4 cr. hrs.*

The primary objectives of this course are to introduce the student to the study of history as a liberal art and to provide a basis for a better understanding of American society by looking at its antecedents in Western Civilization. Those civilizations and eras which have contributed most in art, government, religion and social structure will be stressed. First semester.

### **102. Western Civilization 1660 to the Present.** *4 cr. hrs.*

A continuation of History 101, which, however, is not a prerequisite. Second semester.

### **204. Methods of Historical Research and Writing.** *2 cr. hrs.*

This course considers the nature of history, historical evidence, the process of collecting data, external and internal criticism of evidence, and communicating historical ideas. Students will carry out a substantial research and writing project. Required of all majors, who should schedule the course in the sophomore year. Second semester.

### **221. History of the United States: Colonial and Early National Periods.** *4 cr. hrs.*

A balanced emphasis is placed on the political, social and economic forces which shaped national life up to 1865. Each semester.

### **222. History of the United States, 1865 to the Present.** *4 cr. hrs.*

A general survey of the nation's history since the Civil War. Emphasis is on the period since 1900. Each semester.

### **301-302. United States Diplomatic History.** *4 cr. hrs.*

A study of the role of the United States in international affairs and its relations with individual countries. Special attention is given to the evolution of policies and diplomatic vocabulary. Either half of the course may be



taken for 7 weeks and two hours credit. First semester, alternate years. Offered Fall 1976.

**303. Intellectual History of the United States.** *4 cr. hrs.*

A selective introduction to the history of American thought. Emphasis is on the period following the Civil War. Spring semester, alternate years. Offered 1976.

**310-311. Survey of Ancient History.** *4 cr. hrs.*  
Survey of the ancient world, beginning with prehistory and considering the Ancient Near East, Egypt, the Hellenistic World and Rome. Either half of the course may be taken for 7 weeks and two hours credit. Alternate years.

**312-313. Europe in the Middle Ages.** *4 cr. hrs.*  
A study of European life between the fall of the ancient empires and the rise of modern nation-states: Life on the manor and in the town, religious developments, the Crusades and romantic war, artistic styles and economic patterns. Alternate years. Offered Fall semester 1975.

**314. Renaissance and Early Modern Europe to 1560.** *4 cr. hrs.*  
A study of the Renaissance and Reformation which emphasizes the interrelationship between culture, economics, politics and religion. Either half of the course may be taken for 7 weeks and two hours credit. First semester, alternate years. Offered 1975.

**315a,b. Europe in the Nineteenth and Twentieth Centuries.** *4 cr. hrs.*  
A survey of the French and Russian Revolutions, liberalism, nationalism, socialism, imperialism, totalitarianism, fascism, the industrial revolution and World War. Either half of the course may be taken for 7 weeks and two hours credit. First semester, alternate years.

**316-317. Europe in the Seventeenth and Eighteenth Centuries.** *4 cr. hrs.*  
Considers such topics as the "wars of religion," the "crisis" of the early seventeenth-century state, absolutism, enlightened des-

potism, mercantilism, the Enlightenment, the scientific revolution and international relations. Either half of the course may be taken for 7 weeks and two hours credit. Second semester, alternate years. Offered 1975-76.

**320-321. The Communist Nations in Europe.** *4 cr. hrs.*

This course will survey background and history of the Communist states in Eastern Europe and the Soviet Union. Necessarily the major emphasis will be on the Soviet Union, its internal developments and relations with the rest of the world. Alternate years. Offered spring semester 1977.

**322-323. History of Latin America.** *4 cr. hrs.*  
A historical survey of Latin American countries. Emphasis is placed on those political and cultural factors which will aid the North American student in his understanding of nations of Hispanic culture. Alternate years. Offered fall of 1976.

**324. The Far East.** *4 cr. hrs.*  
A brief survey of the most important developments in China, Japan, Indonesia, and the Philippines. Alternate years. Spring semester 1977.

**401, 402. Readings in History.** *1-2 cr. hrs.*  
In consultation with a supervising professor in the department, the student selects a group of readings concentrated in one historical era or country. Written reports will usually be required. For seniors; others admitted by consent. May be repeated.

**403, 404. Seminar or Independent Studies** *1-4 cr. hrs.*

This catalog number will be used for seminars and individual projects under the supervision of the history department.

## Geography

**304-305. World Geography.** *4 cr. hrs.*  
This is a regional geography course, using cultural criteria to point out differences, similarities, and interrelationships of world regions. The course attempts to delineate the

impact each parameter has on the world pattern of political and economics organizations. Emphasis is on Anglo-America, Latin America, and Europe, including European U.S.S.R. 1974, 1978, 1982; Anglo-America, Latin America, and Asia in odd-numbered years; and Anglo-America, Latin America, Africa, and Australia 1976, 1980, and 1984. The second seven weeks will vary in content from year to year. Second semester.

## Languages MODERN

The language laboratory is used as part of modern language instruction. In the beginning courses, one class meeting each week is held in the laboratory, and students are encouraged to spend additional time in it when needed.

Courses 111, 112, and 211 meet the twelve hours which may be required for the B.A. degree. Students who start above 111 satisfy the requirements by completing 211, or four hours at a higher level.

Students who major in French or Spanish are required to complete twenty semester hours in courses numbered 300 or above in the language chosen.

**115, 215. Directed Study.** 2-4 cr. hrs.  
For special cases only, primarily upper classmen or transfer students who need partial credit to finish out the Elementary or Intermediate courses, or students who have valid scheduling problems. *Prerequisite for 215:* the equivalent of 112, and consent of instructor.

**411, 412. Tutorial in French or Spanish.** 1-3 cr. hrs.  
Extensive directed study in an area of special interest to the student, with preparation and presentation of reports. *Prerequisite:* 8 hours

of 300 level courses in the language and consent of the instructor. Offered either semester as needed.

## FRENCH

**111. Elementary French, I.** 4 cr. hrs.  
The first course starts with pronunciation and moves into the essentials of grammar. There is practice in conversation, composition and reading.

**112. Elementary French, II.** 4 cr. hrs.  
A continuation of the study of essentials of grammar with further practice in conversation, composition and reading. *Prerequisite:* French 111 or its equivalent.

**211. Intermediate French, I.** 4 cr. hrs.  
Review of grammar, further practice in conversation and composition, reading from representative French authors. *Prerequisite:* 112 or its equivalent.

**212. Intermediate French, II.** 4 cr. hrs.  
Introduction to French literature and culture. Extensive reading in French to prepare students for the more advanced courses in literature. *Prerequisite:* 211 or its equivalent.

**301. French Composition and Conversation.** 4 cr. hrs.

An advanced course to improve student competency in writing and speaking the language. *Prerequisite:* 212 or its equivalent.

**307. French Civilization.** 4 cr. hrs.  
Extensive reading in French dealing with the origin and development of the French nation, with emphasis on the cultural aspects. *Prerequisite:* 212 or its equivalent.

**311. Survey of French Literature, I.** 4 cr. hrs.  
An overall view of the development of French Literature from the beginning to the eighteenth century with extensive reading from

selected authors. *Prerequisite:* 212 or its equivalent. First semester. Offered alternate years.

**312. Survey of French Literature, II.** 4 cr. hrs.  
A continuation of 311, with an overall view of French literature from the eighteenth century to the present. *Prerequisite:* 212 or its equivalent. Second semester. Alternates with 313.

**313. Masterpieces of French Literature.** 4 cr. hrs.  
Selections from French literary masterpieces, taken from the genres of drama or novel. When offered, the course will take into consideration the students' preferences. *Prerequisite:* 212 or its equivalent. Alternates with 312.

## GERMAN

**111. Elementary German, I.** 4 cr. hrs.  
This first course starts with pronunciation and moves into the essentials of grammar. There is practice in conversation, composition and reading.

**112. Elementary German, II.** 4 cr. hrs.  
A continuation of the study of essentials of grammar with further practice in conversation, composition and reading. *Prerequisite:* German 111 or its equivalent.

**211. Intermediate German, I.** 4 cr. hrs.  
Review of grammar, further practice in conversation and composition, reading from representative German authors. *Prerequisite:* 112 or its equivalent.

**212. Intermediate German, II.** 4 cr. hrs.  
Introduction to German literature and culture. *Prerequisite:* 211 or its equivalent.

## SPANISH

**111. Elementary Spanish, I.** 4 cr. hrs.  
This first course starts with pronunciation and moves into the essentials of grammar. There is practice in conversation, composition and reading.

**112. Elementary Spanish, II.** 4 cr. hrs.

A continuation of the study of essentials of grammar with further practice in conversation, composition and reading. *Prerequisite:* Spanish 111 or its equivalent.

**211. Intermediate Spanish, I.** 4 cr. hrs.  
Review of grammar, further practice in conversation and composition, reading from representative Spanish and Latin-American authors. *Prerequisite:* 112 or its equivalent.

**212. Intermediate Spanish, II.** 4 cr. hrs.  
Introduction to Spanish literature and culture. Extensive reading in Spanish to prepare students for the more advanced courses in literature. *Prerequisite:* 211 or its equivalent.

**301. Spanish Composition and Conversation.** 4 cr. hrs.

An advanced course to improve student competency in writing and speaking the language. Written and oral reports on various topics are required. *Prerequisite:* 212 or its equivalent.

**307. Spanish Civilization and Culture.** 4 cr. hrs.

A study of the history of Spain from the earliest times as a basis for understanding how the Spaniard looks at life. In depth consideration of the contributions of Spanish in the areas of art, architecture, music, literature and philosophy. Extensive reading in Spanish. *Prerequisite:* 212 or its equivalent. First semester. Alternates with 309.

**308. Spanish Literature.** 4 cr. hrs.  
A study of the representative works of the chief Spanish authors up to the twentieth century. Selections from all literary forms with emphasis on the literature of the Golden Age in Spain. *Prerequisite:* 212 or its equivalent.

**309. Spanish American Literature.** 4 cr. hrs.  
A study of selections from the best Hispanoamerican authors. Readings reflect the ethnic and cultural influences throughout history, as well as the social and intellectual concerns in the Iberoamerican civilization. *Prerequisite:* 212 or its equivalent. First semester.

Alternates with 307.

### **310. Literature of the Twentieth Century.**

*4 cr. hrs.*

A study of the best of the literature beginning with the so-called Generation of '98 up to the present. Extensive reading of authors in both Spain and Latin America who, through their writings, reflect the spirit of revolution and reform and express the intellectual and spiritual values of our time. *Prerequisite:* 212 or its equivalent. Second semester. Alternates with 308.

## **Classics**

### **THE ROBERT BAYLOR SEMPLE DEPARTMENT OF CLASSICS GREEK**

#### **111-112. Elementary New Testament Greek.**

*8 cr. hrs.*

Inflection, syntax, word formation and vocabulary building are emphasized along with reading simple passages from the Greek New Testament.

#### **213. New Testament Greek.**

*4 cr. hrs.*

The vocabulary, inflection, syntax, and style of Koine Greek is studied as it appears in the literature of the New Testament. The student becomes familiar with the standard grammars, lexicons, dictionaries, commentaries, and other resources to gain competency in reading and interpreting the New Testament. Selected portions of the New Testament will be exegeted.

#### **311-312. Independent Study.**

*2-4 cr. hrs.*

A program of extensive directed study in an area of special interest to the student, with preparation and presentation of reports in class. Enrollment by consent of instructor. Offered on demand.

The following courses are also available for students interested in Classical Studies.

#### **310-311. History (Survey of Ancient History).**

*4 cr. hrs.*

#### **301. Philosophy (Ancient and Medieval).**

*4 cr. hrs.*

#### **115. Religion (The Hebrew Heritage of Western Civilization).**

*4 cr. hrs.*

## **Mathematics**

*Major:* 32 semester hours including Math 199, 200, 201, 281 and 3 units whose numbers are 300 or above.

#### **105. Structure of the Number System.**

*4 cr. hrs.*

Develops basic vocabulary and concepts of the number system, including topics in geometric and algebraic extensions. *Prerequisite:* less than 3 units of high school mathematics or elementary education majors.

#### **125. Introduction to Computing and Data Processing.**

*4 cr. hrs.*

An introduction to the concept, history and uses of computing systems. A study of data processing techniques and an introduction to BASIC, FORTRAN, and COBOL languages. Satisfies language requirement or science requirement, but not both.

#### **145. Introduction to College Mathematics.**

*4 cr. hrs.*

Topics will be selected from algebra, trigonometry, analytic geometry, probability, statistics, matrices and limits to give an insight into the nature, role and scope of mathematics. *Prerequisite:* three years of high school mathematics; no senior math analysis or calculus.

#### **199. Calculus I.**

*4 cr. hrs.*

An introduction to the concepts of limits, continuity and the derivative. Includes the techniques and applications of the derivatives and differentials of the elementary functions. *Prerequisite:* Three units of high school mathematics.

#### **200. Calculus II.**

*4 cr. hrs.*

A continuation of Math. 199 including the derivative of transcendental functions and single variable integral calculus. *Prerequisite:* Calculus I or advanced placement.

**201. Calculus III.**

4 cr. hrs.

Sequences, series, solid analytic geometry and multivariate calculus. *Prerequisite:* Math. 200 or advanced placement.

**202. Calculus IV.**

4 cr. hrs.

Ordinary differential equations and an introduction to linear algebra. Solution of differential equations by operators, power and Fourier series and Laplace transforms are included. *Prerequisite:* Math. 201.

**216. Elementary Statistics for Social Sciences.**

4 cr. hrs.

A first course in statistics for students in education and the social sciences. Collection, interpretation and presentation of statistical data. No mathematical background assumed.

**281. Applied Linear Algebra**

4 cr. hrs.

Development of the algebra and calculus of matrices, introductory theory of vector spaces and eigenvectors with particular attention to topics that arise in applications. Applications include the use of matrices to represent arrays of data, least squares approximations to data, the concept of the generalized inverse and linear programming. Attention is also given to numerical methods for solving systems and the eigenvalue problem. *Prerequisite:* Math 199 or equivalent.

**305. Introduction to Probability and Mathematical Statistics.**

4 cr. hrs.

An introduction to probability spaces, distribution and estimation theory with emphasis on model building. *Prerequisite:* Math. 201.

**335. Numerical Analysis.**

4 cr. hrs.

A study and analysis of the numerical methods of solving algebraic and transcendental equations, ordinary and partial differential equations, and integration. *Prerequisite:* Math. 200.

**347. Abstract Algebra.**

4 cr. hrs.

An introduction to groups, rings, integral domains and fields. Course material includes LaGrange's Theorem, isomorphism theo-

rems. Caley's Theorem, Sylow's Theorem, polynomial rings and ideals. *Prerequisite:* Math. 201.

**410. Analysis I.**

4 cr. hrs.

A rigorous approach to the study of functions, limits, continuity, differentiation and integration of functions of one and several variables.

**420. Analysis II.**

4 cr. hrs.

A continuation of Math. 410 which includes a study of the complex plane and functions of a complex variable, power series, improper integrals and some special functions.

**451. Advanced Mathematics Seminar.**

4 cr. hrs.

Special topics in advanced mathematics for juniors and seniors to provide advanced study opportunities in analysis, algebra and applied mathematics.

**490. Independent Study.**

1 to 4 cr. hrs.

Approved on or off-campus projects in independent research and reading by mathematics majors.

## Music

The music department offers two degrees in music: The Bachelor of Arts and the Bachelor of Science.

### THE BACHELOR OF ARTS

Under the Bachelor of Arts degree, 40 hours of music credit are allowed (exclusive of ensemble credits). The core music requirements are as follows: 16 hours of theory; 12 hours of music history/literature; 2 hours of conducting; 10 hours of private study in the applied areas.

### THE BACHELOR OF SCIENCE

Within the Bachelor of Science pro-

gram the student may emphasize (a) performance concentration, (b) preparation for teacher certification, (c) theory/composition, (d) Church music. Sixty hours of music are required exclusive of ensemble credit. Specific programs are included in the Music Handbook available on request from the music office.

## **THEORY**

### **101, 102. Music Theory 1: Elementary Musicianship.**

**101a, 102a. Scales, Notation and Harmony.**

**101b, 102b. Ear Training and Sight Singing.**

**101c, 102c. Keyboard Harmony.** 4 cr. hrs.

A student should be prepared to take 101, 102 as a complete course. No section will be offered separately, except where extreme individual need occurs. *Prerequisite:* Piano proficiency test or concurrent enrollment in a piano course. First and second semesters.

### **201, 202. Theory.** 4 cr. hrs.

Continuation of 101, 102 with emphasis on eartraining and keyboard harmony. Includes writing: (1) "specie" and "free" two and three-part modal counterpoint, and (2) tonal counterpoint. *Prerequisite:* 101-102. First and second semesters.

### **401. Composition.** 4 cr. hrs.

Creative writing and arranging: the study and practice of harmonic procedures are related to composition in smaller forms. Admission upon consent of the instructor. First semester.

## **HISTORY AND APPRECIATION**

### **115, 116. Introduction to Music Literature.**

2 cr. hrs.

A general introduction to the elements of music, its forms, historical periods and representative literature. Music majors only. First and second semesters.

### **121. Music Appreciation.** 4 cr. hrs.

Open to all students desiring an understand-

ing of music as an element of liberal culture. Designed to lead to an awareness of the vast accumulation of music literature and to develop competence in listening to music. Previous training in music not required. First semester. Non-majors only.

### **315, 316. History of Western Music.** 4 cr. hrs.

A survey of western music to the present day, including a study of musical form and techniques of analysis. Majors only. First and second semesters.

## **415. Music Literature: Performance**

### **Practices and Historical Research** 4 cr. hrs.

A critical analysis of representative literature with emphasis on performance practices and historical research. *Prerequisite:* Music 315-316. First semester.

## **CONDUCTING**

### **319. Conducting.** 2 cr. hrs.

Fundamentals of conducting, use of the baton, instrumental techniques. Experience with Campus Ensembles. First semester.

### **320. Conducting.** 2 cr. hrs.

Continuation of 319, Choral techniques. Experience with Campus Ensembles. Second semester.

## **CHURCH MUSIC**

### **317. Church Music.** 4 cr. hrs.

Organization and direction. The organization of the multiple choir system, maintenance of the choir, rehearsals, auditions, repertoire for the small church choir, vocal methods for adults and children, materials for the children's choir and general worship techniques. Second semester. Alternate years with Religion 342.

### **Repertoire of Church Music (Vocal Solo).**

1 or 2 cr. hrs.

See: Music — Independent Study.

### **Repertoire of Church Music (Organ).**

1 or 2 cr. hrs.

See: Music — Independent Study.

### **342. The Church and Its Hymnody.** 4 cr. hrs.

See: Religion for Description.

## MUSIC EDUCATION

**334. Methods in String Instruments.** *2 cr. hrs.*  
See: Education 334 for description.

**335. Methods in Woodwind Instruments.**  
*2 cr. hrs.*  
See: Education 335 for description.

**336. Methods of Brass and Percussion Instruments.** *2 cr. hrs.*  
See: Education 336 for description.

**435. Music Methods in the Public School**  
*4 cr. hrs.*  
See: Education 381 for description.

## CLASS INSTRUCTION

**111c, 112c. Class Guitar.** *1 cr. hr.*  
Designed for beginners interested in functional guitar. Basic techniques in classical guitar to include major/minor chords, inversions and scales with application of materials used in elementary music. First and second semesters. (Fee charge.)

**145, 146. Voice Class.** *1 cr. hr.*  
The class has a minimum of 4 and a maximum of 8 students. Open to all students. First and second semester. (Fee charge.)

**125, 126. Class Piano.** *1 cr. hr.*  
A minimum of 4 and a maximum of 8 students. First and second semesters. (Fee charge.)

## INDEPENDENT STUDY

Programs of independent study are available to students who have earned twelve hours of music with a grade point average of 2.5 or who meet the approval of the department.

**325A. Organ Pedagogy.** *1 cr. hr.*  
Techniques of service playing and study of literature appropriate to the worship service. Second semester.

**325B. Vocal Repertoire.** *1 cr. hr.*  
Techniques of interpretation, pronunciation

of (a) French Art songs, (b) German Lieder, (c) Church Music. First semester.

**325C. Opera Workshop.** *1 cr. hr.*  
Planning, staging, directing and participating in the annual opera production. Winterim.

**325D. Piano Pedagogy.** *1 cr. hr.*  
Individual and class instruction in teaching methods/materials. Practical application through observation and supervised teaching.

**325E. Independent Research.** *1 or 2 cr. hrs.*  
With consent of major advisor.

## PRIVATE INSTRUCTION

Private instruction\* indicates private lessons in the performing areas listed below. One half-hour lesson per week\*\* plus one hour of practice per day earns one semester hour of credit. All students are required to participate in a studio recital each semester. All applied music students will participate in a vocal or instrumental ensemble. The hours for private lessons are arranged through the music office. Credit, 1 hour each semester.

Classical Guitar 111-12; 211-12;  
311-12; 411-12.

Piano 131-32; 231-32; 331-32; 431-32.  
Voice 141-42; 241-42; 341-42; 441-42.

Harpsichord 133-34; 233-34; on approval of Instructor. Limit two students per semester.

Organ 161-62; 261-62; 361-62; 461-62.

Strings 127-28; 227-28; 327-28;  
427-28.

Woodwinds 123-24; 223-24; 323-24;  
423-24.



Brass 137-38; 237-38; 337-38; 437-38.

Percussion 151-52; 251-52; 351-52; 451-52.

\*For Liberal Arts students (and Music Majors studying a secondary instrument) the letter "M" will be attached to the course number.

For Music Majors studying their primary instrument, the number will stand alone. For Music Majors emphasizing performance, the letter "P" will be attached to the Course Number.

\*\*Students enrolling for two credit hours of applied study will use a separate blue card for each hour of credit; one hour will be designated as "A", the other as "B".

## MUSICAL ORGANIZATIONS

**103, 104, 203, 204, 303, 304, 403, 404. The Concert Choir.** *No Credit*

An organization of limited membership selected for tone production and musicianship. This organization represents the college in public engagements. Its repertoire includes sacred and secular works. Members are selected by audition. Those auditioning should plan to remain in the group for the entire school year.

**105, 106, 205, 206, 305, 306, 405, 406.**

**Chapel Choir.** *1 cr. hr.*  
Membership in the Chapel Choir is open to

the student body. Membership auditions held each semester. The choir sings for college chapel services, presents concerts in area churches, as well as making an annual tour. The tour choir consists of approximately 80 voices and is selected from the membership of the Chapel Choir.

**165, 166, 265, 266, 365, 366, 465, 466.**

**Concert Band.** *1 cr. hr.*

Open to all students by audition, this 85 piece band meets four times weekly. Primarily a concert organization, the band does not march. During the year, the group presents concerts, performs at home football games, and tours. Instrumental fulfillment for music majors.

**167(\*TR), 168, 267, 268, 367, 368, 467, 468.**

**College-Community Orchestra.** *1 cr. hr.*

Organized as a chamber orchestra, the College-Community Orchestra is open to all students, and meets twice weekly for 1 1/2 hours. Music is designed for a full string section and solo winds. Instrumental fulfillment for major.

\*TR affixed to any number signifies Training Orchestra.

**169, 170, 269, 270, 369, 370, 469, 470.**

**Symphonic Wind Ensemble.** *1 cr. hr.*

Open to all students by audition, the ensemble is designed for those students seriously interested in wind instrument performance



and literature. The group meets three times weekly. Instrumental fulfillment for majors.

**171, 172, 271, 272, 371, 372, 471, 472. Brass Ensemble.** *No Credit.*

Open to all students by audition, the ensemble is designed for the serious study of music for brass instruments, with emphasis on performance. The group meets three hours weekly.

**\*173, 174, 273, 274, 373, 374, 473, 474. Jazz Ensemble.** *No Credit.*

Laboratory for the study of modern jazz performance and arranging, meeting two hours weekly. Membership is limited to standard stage band instrumentation.

**\*175, 176, 275, 276, 375, 376, 475, 476. Chamber Ensembles.** *No Credit.*

Chamber ensembles are organized according to available instrumentation and need. Groups include string, wind and percussion ensembles and meet the equivalent of two hours weekly.

**\*177, 178, 277, 278, 377, 378, 477, 478. Pep Band.** *No Credit.*

Travels to and performs at athletic events and pep rallies. Limited to men only, and open only by audition, this group is operated as a service organization.

(\*Open only to persons enrolled in Band, Symphony, Wind Ensemble or Brass Ensemble.) *Not more than eight hours of ensemble will be accepted as elective hours toward graduation.*

## Nursing Education

**230. Consumer Competency in Health.** *4 cr. hrs.*

Introduction to current practices and issues in health care for the non-nursing major. Emphasis will be upon the identification and utilization of resources in the health care system to support health. Rights and responsibilities of the health care consumer, basic emergent and life supportive measures, basic concepts of health and basic skills in

the recognition of deviation from wellness will be included.

**250. Introduction To Nursing.** *4 cr. hrs.*

Introduction to fundamental concepts of nursing. Emphasis is placed on the nursing process, competencies, and systems approach. Included also are theories of nursing, developmental theories, aspects of professionalism, and concepts of wellness. *Prerequisite:* Admission to the Department of Nursing. Second semester.

**330. Nursing Process I.** *8 cr. hrs.*

Builds on the concepts presented in 250. Concepts of stress and adaptation, groups and families form the framework for theory and clinical learning experiences. *Prerequisite:* 250. First semester.

**340. Introduction To Human Pathology.** *4 cr. hrs.*

This course is designed to provide a basic understanding of the pathological processes occurring in man, including both pathophysiology and psychopathology. Emphasis will be placed upon the individuals total response to these pathological processes. *Prerequisite:* Biology 239 and 241. First semester.

**350. Nursing Process II.** *8 cr. hrs.*

Continuation of 330 with increasingly complex application of theories and clinical learning experiences. *Prerequisite:* 330. Second semester.

**420. Nursing Seminar I.** *2 cr. hrs.*

Introduction to basic research methodology. Emphasis will be placed upon the development of a nursing research project.

**425. Nursing Seminar II.** *2 cr. hrs.*

Continuation of 420. Further development and application of research skills and successful completion of individual research project will be emphasized.

**430. Nursing Process III.** *10 cr. hrs.*

Experiences in maternity, mental health and community health nursing. Family centered approach to the care of the expectant

mother and family members, including interpersonal relationships, prenatal, delivery, birth, post partum, newborn and infant. Introduction to contemporary concepts and theories in mental health nursing. Emphasis on promotion of mental health in the individual family and community. The community health component will include precepts and methods of community health nursing care, family and environmental influences on health care delivery and exploration of contemporary issues. *Prerequisite:* 350. *Concurrent:* 420. First semester.

**450. Nursing Process IV.** *10 cr. hrs.*  
Continuation of 430 with addition of concepts of leadership. The leadership component focus on principles and concepts of multiple patient care management. Emphasis will be on the nurse's role as a team member/leader and will encompass the planning, delegating and evaluating of care. *Prerequisite:* 430. *Concurrent:* 425. Second semester.

## Philosophy THE W. D. JOHNSON DEPARTMENT OF PHILOSOPHY

*Major:* 24 semester hours.

**108. Cosmology.** *4 cr. hrs.*  
An introductory approach to the various interpretations man has given to nature and the scientific theories developing from them. (Philosophy of Physics credit). Second semester.

**201. Introduction to Philosophy.** *4 cr. hrs.*  
An introductory study of the chief problems, methods, and values of philosophy. First semester.

**202. Ethics.** *4 cr. hrs.*  
A study of the major theories of value, obligation and the justification of ethical beliefs. Second semester.

**231. Logic.** *4 cr. hrs.*  
An introduction to formal logic and scientific method. First semester.

**300. Philosophy of Education.** *4 cr. hrs.*  
(Offered by the Education Dept.)

**311. History of Political Philosophy.** *4 cr. hrs.*  
(Offered by the Political Science Dept.)

**411. Political Theory and Political Analysis.** *4 cr. hrs.*  
(Offered by the Political Science Dept.)

## SEMINARS IN PHILOSOPHIC CLASSICS:

**301. Ancient and Medieval.** *4 cr. hrs.*  
Alternates with Philosophy 303. First semester.

**302. Descartes to Kant.** *4 cr. hrs.*  
Alternates with Philosophy 304. Second semester.

**303. The Nineteenth Century.** *4 cr. hrs.*  
Alternates with Philosophy 301. First semester.

**304. The Twentieth Century.** *4 cr. hrs.*  
Alternates with Philosophy 302. Second semester.

**451, 452. Readings in Philosophy.** *1-4 cr. hrs.*  
*Both semesters.*

## Physical Education

**100. Orientation to Physical Education.** *2 cr. hrs.*

The foundations concept is an attempt to educate the student with regard to the social environment in which he will participate. It provides him with a background of the scientific principles underlying physical activity and the physiological and psychological effects of participation in such activities. Freshmen must take this course prior to taking an activity class. First and second semester. With permission a student may take this course in sophomore year. All students must swim 25 yards.

# 101,102,201,202. General Activities

1 cr. hr.

Each class meets two hours per week and includes instruction in skills, knowledge of rules and strategy, purchasing and care of equipment, history of activity, and competitive experience under game conditions.

## ACTIVITIES OPEN TO MAJORS AND NON-MAJORS IN P.E.

Golf — Coeducational

Tennis — Coeducational

Elementary Rhythmic Activities — Coeducational

Elementary Swimming — Coeducational

Intermediate Swimming — Coeducational

Gymnastics and Tumbling.

# 160. Professional Preparation 4 or 2 cr. hrs.

First aid and care and treatment of athletic injuries, and officiating. First part of course includes prevention, treatment and rehabilitation of common injuries sustained in athletics, and first aid instruction as outlined by the American Red Cross, and members of class may receive certification. Second part of course deals with rules, mechanics and procedures for officiating football and basketball. (Students may enroll for Part I or Part II for 2 hours credit or for the total 4 hours credit sequence.)

# 215. Introduction to Physical Education.

2 cr. hrs.

A general orientation course for students planning to major in physical education. First semester. (Majors only.)

# 250. Health Science.

4 cr. hrs.

A consideration of the fundamental laws of health and the health relations of the individual to the community. Includes the selection of materials, methods of instruction and coordination of health teaching with the work of other teachers. (Major students only.)

# 260. Methods in Teaching Rhythmic Activities.

2 cr. hrs.

For major students only. (Others may enroll by special permission.) Consists of advanced methods in teaching square dance, folk dance, and ballet. Also includes fundamental movement patterns and skills in each area. First semester.

# 261. Life Saving and Water Safety (Men and Women).

1 cr. hr.

Advanced work in all swimming strokes, as well as instruction for certification in American National Red Cross life saving and water safety. *Prerequisite:* see instructor for swimming requirements. First semester.

# 262. American National Red Cross Water Safety Instructor Course.

2 cr. hrs.

Training course for water safety instructors; part I and II will be taught. Part I is concerned largely with the personal skill ability of students. Part II is directed towards methods of teaching skills. *Prerequisite:* Holder of current Red Cross senior life saving certificate, or instructors whose appointments have lapsed. Second semester.

# 270. Methods of Teaching Gymnastics and Tumbling.

2 cr. hrs.

For major students only. (Others may enroll by special permission.) A treatment of teaching methods in gymnastics, tumbling and trampoline. Also consists of advanced activity in these areas. Includes elementary gymnastics and tumbling. First semester.

# 300. Physiology of Exercise.

4 cr. hrs.

A study of human functions under the stress of muscular activity.

# 365. Physical Education for Elementary Schools.

2 cr. hrs.

Concerned with the selection, organization and direction of physical activities appropriate for elementary school students. Consideration is given to corrective exercises, development drills and games which are planned for the pleasure of the participants. Open to teachers, or prospective teachers, of

elementary schools, or those interested in the physical education problems of youth. Second semester.

**370. Methods of Coaching Baseball and Basketball** 3 cr. hrs.

A study of philosophy, psychology, and physiology of coaching baseball and basketball at the various levels of competition. Juniors and seniors only. First semester.

**380. Methods of Coaching Football and Track.** 4 cr. hrs.

A study of the fundamentals, philosophy and techniques required in coaching football and track at the various educational levels. Juniors and seniors only. Second semester.

**384. Tests and Measurements in Physical Education.** 2 cr. hrs.

A survey of knowledge tests, skill tests, fitness tests and other evaluative instruments used by physical education teachers in a wide variety of activities. Juniors and seniors only. First semester.

**385. Adaptive Physical Education.** 2 cr. hrs.

Designed to deal with physical education methods for the mentally, physically and socially handicapped; corrective physical education for body mechanics; developmental physical education for physical fitness. Juniors and seniors only. Second semester.

**390. The Mechanics of Human Motion.**

3 cr. hrs.

A study of the science of bodily movements. *Prerequisite:* Biology 239. Second semester.

**392. Kinesiology.**

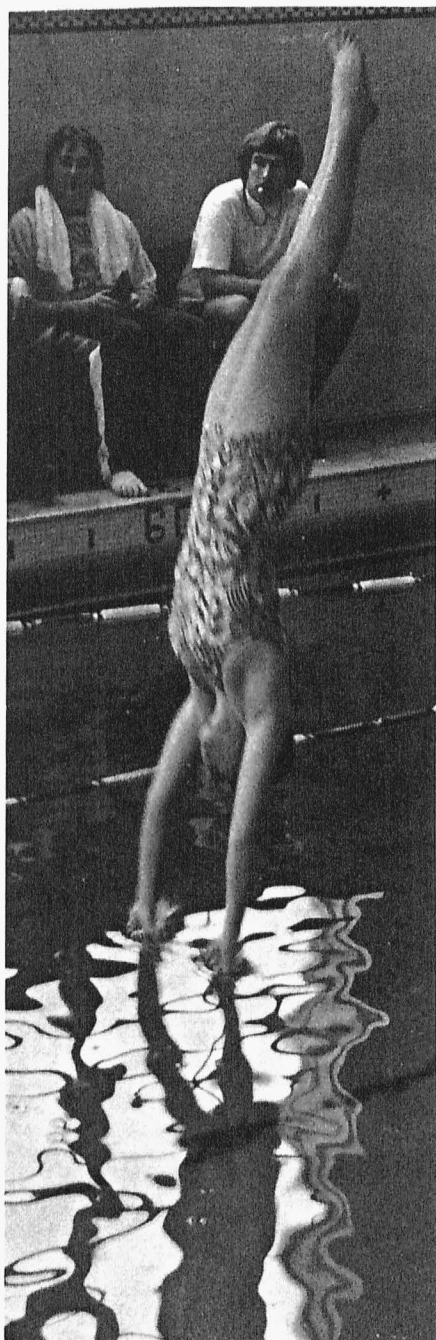
3 cr. hrs.

A study of the science of bodily movements. *Prerequisite:* P.E. 300. Second semester.

**393. Methods in Teaching Team Sports.**

2 cr. hrs.

For major students only. (Others may enroll by special permission.) A study of the techniques, methods and materials used in teaching team sports in high school and junior high school. First semester.



**394. Methods in Teaching Individual Sports.**

*2 cr. hrs.*

For major students only. (Others may enroll by special permission.) Study of the techniques, methods and materials used in the teaching of individual sports in high school and junior high school. Second semester.

**400. Organization and Administration of Health and Physical Education**

*3 cr. hrs.*

A study of policies in organization and administration of the physical education program, classification of students, staff, teaching load, time schedule, financing, care of the physical education plant, records and inter-school relations. Required of students taking a major in physical education. Taught on block. Second semester.



## Physics and Astronomy

### THE E.S. PILLSBURY DEPARTMENT OF PHYSICS

*Major:* 30 semester hours, including 15 hours of junior-senior courses, and 3 hours of advanced laboratory.

*Major for secondary school teachers:* 24 semester hours, including Physics 316, 323.

*Physics major for the 3-2 plan of engineering with Columbia University, New York:* Physics 213, 214, 316, 322, 332, 443.

*Physics major for the 3-2 plan of engineering with Washington University, St. Louis, the University of Missouri, Columbia or Rolla:* Physics 213, 214, 322, 316, 332, 443.

For those students who expect to enter an engineering school upon graduation, the pre-engineering curriculum, plus a major in physics, mathematics or chemistry (depending upon the type of engineering — electrical, mechanical, chemical) is recommended.

Course 103 is primarily for non-science majors who want an introductory course in the fundamentals and applications of physics.

Course 111 and 112 are primarily for pre-medical students and science majors (physics, chemistry, biology and mathematics) who want an introductory course in the fundamentals and applications of physics. It is recommended that 111 be taken first.

Courses 213 and 214 require calculus as a co-requisite, and may constitute a beginning course for

physics majors and pre-engineering students. Pre-medical students are admitted to courses 111 and 112.

## ASTRONOMY

### 107. Descriptive Astronomy. 4 cr. hrs.

A historical, non-mathematical treatment of astronomy and an examination of its contribution to man's understanding of his place in the physical universe. Some required night time observing sessions; special projects available to individual students if desired.

### 108. Cosmology. 4 cr. hrs.

An introductory approach to the various interpretations man has given to nature and the scientific theories developing from them. (Physics or Philosophy credit.) Second semester.

## GRAPHICS

### 105. Graphics I (Technical Drawing). 2 cr. hrs.

Instruction in use of instruments, lettering, geometric curves, orthographic and isometric projections; technical sketching, preparation of working drawings, detailing of machines, assembly drawings, auxiliary and oblique views. First semester.

### 204. Graphics II (Descriptive Geometry).

2 cr. hrs.

Graphical solution of geometric problems in three dimensions; problems related to the orthographic projection of the point, line, plane and solid; intersection and development of surfaces and practical application of the principles involved are studied. Emphasis is placed on developing the student's ability to visualize. *Prerequisite:* 105, or consent of instructor. Second semester.

## PHYSICS

### 103. Foundations of Physics. 4 cr. hrs.

Basic principles of physical investigation, electricity and magnetism, light and optics, sound, and modern physics. One laboratory period per week. Not for physical science majors.



**111. College Physics.**

4 cr. hrs.

The general principles of mechanics, waves, sound, heat, electricity, with discussions of some practical applications. Problems and laboratory work are emphasized. For science majors: mathematics, physics, chemistry, biology, pre-medicine, pre-dentistry. One laboratory period each week. First semester.

**112. College Physics.**

4 cr. hrs.

The general principles of magnetism, electricity, light, optical instruments, and modern physics with a discussion of some practical applications. For science majors mathematics, physics, chemistry, biology, pre-medicine, pre-dentistry. One laboratory period per week. Second semester.

**213. General Physics.**

5 cr. hrs.

Calculus must be taken prior to or concurrently with this course. Course includes mechanisms, sound and heat. *Co-requisite:* calculus. One laboratory period a week. First semester.

**214. General Physics.**

5 cr. hrs.

Includes electricity, magnetism, electronics, light and modern physics. *Co-requisite:* calculus. Second semester. One laboratory period per week.

**216. Applied Electronics.**

4 cr. hrs.

An introductory course emphasizing the application of solid state devices such as diodes, thyristors, transistors, sensors, and integrated circuits. *Prerequisite:* consent of instructor. Second semester One laboratory period per week.

**316. Atomic and Nuclear Physics.**

3 cr. hrs.

A course in modern physics. Includes introduction to special relativity, x-rays and spectra, radioactivity, nuclear reactions, and other topics of importance to modern physics and chemistry. *Prerequisites:* Physics 214 and Mathematics 200. First semester.

**317. Atomic and Nuclear Physics Laboratory.**

1 or 2 cr. hrs.

To follow or accompany Physics 316. First

semester. Three hours laboratory work per week for each credit hour.

**318. Heat and Thermodynamics.**

3 cr. hrs.

Includes study of temperature, thermodynamic systems, work, first and second laws of thermodynamics and entropy. A brief introduction to statistical mechanics and kinetic theory. For students of physics, chemistry and engineering. *Prerequisites:* Physics 214, Math 200. Second semester. Taught in even-numbered years.

**322. Optics.**

3 cr. hrs.

An advanced course in light. Includes a study of lenses, reflectors, prisms, spectrometers, rules gratings, spectra, interferometers, diffraction, polarization and electromagnetic theory of light. *Prerequisites:* Physics 214 and Math 200. Second semester.

**323. Optics Laboratory.**

1 or 2 cr. hrs.

To follow or accompany Physics 322. Second semester. Three hour laboratory work per week for each credit hour.

**332. Analytical Mechanics (Static).**

3 cr. hrs.

Concerned with basic concept, force systems, conditions of equilibrium, structures, distribution of forces, centroids, effects of friction, moments of inertia and the principle of virtual work. Methods of the calculus and graphical analysis, including vectorial representation, will be freely employed. *Prerequisite:* Math 200. Second semester. Taught in odd-numbered years.

**351H-356H. Independent Study and Research.**

1 cr. hr.

A detailed study of some specific problem or experiment in physics, history of physics, reading from current literature of physics. First or second semester.

**415. Electricity and Magnetism.**

4 cr. hrs.

Electrostatics, magnetism, resistance, capacitance, inductance, electro-magnetic induction, electric circuits, Maxwell's equation and field theory. *Prerequisites:* Physics 214 and Math 201. First semester.

**416. Electrical Measurements.***1 cr. hr.*

Measurements with ammeters and voltmeters, ballistic galvanometers, wheatstone bridges, impedance bridges, potentiometer, standard cells. Other topics include magnetic circuits, induced EMF, measurement of magnetic flux, magnetic tests of iron and steel, alternating current, and measurement of resistance, inductance and capacitance. *Prerequisites:* Physics 214 and Math 200. First semester. Three laboratory hours per week.

**443-444. Mechanics: Classical and Quantum.***4 cr. hrs.*

An intermediate course in classical mechanics. The course will include a critical discussion of Newton's laws of motion. The points of departure for quantum mechanics and for relativistic mechanics will be indicated. Other topics will include conservative forces, the forced harmonic oscillator, complex number application to the solution of linear differential equations, Fourier Series applications, vector algebra, elements of vector analysis, integration and differentiation of vectors, motion under a central force coupled harmonic oscillators, rotating coordinate systems, LaGrange's equations, and introduction to tensors. Approximately nine weeks of the second semester will be devoted to an introduction to Quantum Mechanics.

**Political Science**

*Major:* 24 semester hours, including one course from each category besides introductory courses and seminars. Introductory courses, while not required, are customarily taken in the freshman year prior to advanced study.

The following courses may be taken for credit toward a political science major, up to a maximum of 8 hours: Economics 318; Sociology 319; History 301-302. Political Philosophy courses may count toward the Humanities requirement.

**POLITICAL PHILOSOPHY****211. American Political Thought.***4 cr. hrs.*

A. Before 1865 (first 7 weeks, 2 cr. hrs.). Survey of the main currents of American political thought, including such early English writers as Locke; the revolutionary period and the Federalist Papers; Jacksonian democracy; slavery.

B. After 1865 (last 7 weeks, 2 cr. hrs.). The Populist and Progressive movements; the New Deal; some consideration of the New Left and Black Power.

Freshmen not admitted. Second semester. Offered 1976-77.

**311. Modern and Contemporary Political Thought.***4 cr. hrs.*

A. Modern Political Thought (first 7 weeks, 2 cr. hrs.). With the exception of four lectures on Plato, Aristotle, and the Middle Ages, the ideas and philosophers studied are from the period of Machiavelli through the 19th century. Issues and ideas considered include the social contract, individual liberty and state power, equality, dialectical idealism, classical Marxism, and 19th century liberalism.

B. Contemporary Political Thought (last 7 weeks, 2 cr. hrs.). Issues and ideas of the 20th century include the development of popular democracy, democratic socialism, fascism, welfare state, pluralism and elitism, a new conservatism, the evolution of liberalism, existentialism, radical political movements, the New Left, and the Ecology movement.

Freshmen not admitted. First semester. Offered 1975-76.

**411. Political Theory and Political Analysis.***4 cr. hrs.*

Selective study of more recent trends in political theory, with emphasis upon conceptual, empirical, and analytical schemes. Attention will be given to systems theory, structural-functional analysis, game theory, communication models, elitism, etc. Authors include David Easton, Almond & Powell, Karl Deutsch and Robert Dahl.

Suggested background: 311. Freshmen not admitted. Second semester. Offered 1975-76.

## AMERICAN JUDICIAL POLITICS

### 221. Judicial Behavior: The American Constitution.

*4 cr. hrs.*

A. Constitutional Structure (first 7 weeks, 2 cr. hrs.). Role of the judiciary in the evolution of constitutional government in the United States. Roots of the Common Law; powers of the President, Congress, and the Courts; federalism.

B. Property Rights (last 7 weeks, 2 cr. hrs.). Rise and fall of emphasis on property rights as reflected in judicial attitudes and interpretation of the contract, commerce, due process, and other important clauses of the Constitution.

Both parts of the course involve study of the leading justices, cases and judicial doctrines. Suggested background: 102. Freshmen not admitted. First semester.

### 222. Judicial Behavior: Civil Rights and Liberties.

*4 cr. hrs.*

A. Equality (first 5 weeks, 1 cr. hr.). The 14th Amendment and "nationalization" of the Bill of Rights, equal protection and segregation, public accommodations, reapportionment, housing, and voting rights.

B. First Amendment (middle 5 weeks, 1 cr. hr.). The First Amendment and freedom of speech, press, religion, assembly, petition, and association; problems of loyalty and security.

C. Rights in criminal proceedings (last 5 weeks, 1 cr. hr.).

All parts of the course involve study of leading justices, cases, and judicial doctrines. Suggested background: 102 or 221. Freshmen not admitted. Second semester.

## COMPARATIVE POLITICS

### 320. Comparative Politics: Europe and Developing Nations.

*4 cr. hrs.*

A. Western Europe (first 7 weeks, 2 cr. hrs.). Great Britain, France, and Germany are studied with a focus upon variations in the structure and function of the parliamentary form of democracy.

B. U.S.S.R. and Developing Nations (last 7 weeks, 2 cr. hrs.). The structure of the Soviet political system is studied as an alternative

model of development. Traditional societies are viewed relative to the political consequences of modernization and industrialization.

Suggested background: 101. Freshmen not admitted. Second semester. Offered 1976-77.

### 331. Comparative Politics: The Communist World.

*4 cr. hrs.*

A. Roots of Soviet Civilization (first 7 weeks, 2 cr. hrs.). — Classical Marxism; international socialism before 1917; imperial Russia; the Revolution. Approaches to the study of Communist systems — problems of analysis.

B. Contemporary Communism (last 7 weeks, 2 cr. hrs.). Development and operation of contemporary institutions in the USSR with comparison of selected other Communist systems; the nature of totalitarianism; the international Communist movement. Some attention to foreign policy, literature and science.

An intensive study of basic features of Communist systems. Freshmen not admitted. First semester. Offered 1976-77.

## INTERNATIONAL POLITICS

### 322. International Politics and Organization.

*4 cr. hrs.*

Fundamentals of international relations; nature of power politics; dynamics of state existence; balance of power; international morality; international law; regionalism; international organization; idea of a world state; diplomacy; the search for peace and security. Suggested background: 101. Freshmen not admitted. First semester. Offered 1975-76.

## DIRECTED READINGS, SEMINARS, INDEPENDENT STUDY

### 431, 432. Research Seminar.

*1-4 cr. hrs.*

Individual or group research on selected topics, determined by student interests. Results of research and reading to be presented orally, or in the form of a short thesis, or both. Personal conferences and/or periodic group meetings. It is possible by special ar-

rangement to pursue a single research topic through two semesters.

Sample activities, besides standard research papers, include: *Introduction to Legal Research*, in conjunction with or subsequent to Political Science 221-222; *Public Opinion Surveys*, involving use of computerized data; *Internships* in government or private agencies; etc. *Prerequisite*: 12 hours of political science and/or consent of instructor. First and second semesters. Hours to be arranged.

## Psychology

The Department of Psychology offers a major leading to a Bachelor of Arts degree. Course work is designed to provide basic experiences in most major areas of psychology. Each student is encouraged to pursue his own individual interests through selection of courses laboratory work and research and reading courses.

The major requires 32 hours of course work, of which 12 are chosen by the student. A maximum of 40 hours (10 courses) may be applied toward degree requirements. Basic Psychology 211 is prerequisite to all other courses in the department. Each major is required to take the following courses.

- Basic Psychology, 211: 4 hours
- Experimental Psychology I, 320: 4 hours
- Experimental Psychology II, 321: 4 hours
- History and Systems of Psychology, 322: 4 hours
- Advanced General Psychology, 411: 4 hours

### 101. Psychology of Study Skills 1 cr. hr.

A learning skills program designed for the

improvement of reading and classroom learning.

### 211. Basic Psychology. 4 cr. hrs.

An introduction to the major areas of the field of psychology, psychology is viewed as a biosocial science of behavior and emphasis is placed on the scientific basis of our current understanding of behavior. *Prerequisite* to all other courses in the department. Both semesters.

### 214. Personal Adjustment. 2 cr. hrs.

The psychology of personal adjustment, designed to help the student develop and apply an understanding of emotional adjustment and minor personality disturbances of essentially normal individuals. Discussion of preventive and corrective programs and resources. (Meets seven weeks.) Both semesters.

### 216. Elementary Statistics for Social Sciences 4 cr. hrs.

See Math 216 for description.

### 303. Psychopathology. 4 cr. hrs.

A descriptive and explanatory study of the major personality and behavior disorders of both childhood and adulthood, including psychogenic, psychosomatic, and organic problems. Attention to preventive measures, diagnostic methods, and therapeutic procedures. Second semester.

### 304. Interpersonal and Group Processes 4 cr. hrs.

A study of the influence of other people and of society collectively on selected aspects of an individual's behavior and personality, with special attention to the dynamics of group behavior. First semester.

### 306. Theories of Development: Childhood, Adolescence, and Maturity. 4 cr. hrs.

Theoretical aspects of child, adolescent, and adult psychology in relation to developmental and aging processes. Particular attention is paid to current developmental viewpoints in relation to contemporary problems of

family and community. Both semesters.

### **308-309. Independent Studies**

**(Junior and below.) Staff.**

*1-4 cr. hrs.*

#### **312. Psychobiology I:**

##### **Physiological Psychology.**

*4 cr. hrs.*

A study of the biological foundations of behavior: the neural and glandular structures and function, the sensory and motor equipment, and their significance for a psychological understanding of behavior.

In the laboratory, emphasis is placed upon the brain and the automatic nervous system in their relationship to behavior. Research and laboratory techniques are introduced. Laboratory. First semester.

#### **313. Psychobiology II:**

##### **Animal Behavior.**

*4 cr. hrs.*

The study of animal behavior and the problems and topics of human psychology in which the use of animals is indicated. Comparisons of human and infra-human processes will focus upon both present knowledge and methods of investigation. Students have an opportunity to work with human subjects as well as infra-human animals in our own laboratories and in the Kansas City Zoo. Second semester.

#### **317. Personality**

*4 cr. hrs.*

A study of the formation of personality and how it may be understood. Attention is given to research problems and methods in personality studies, along with techniques for measurement. Psychological testing is introduced in terms of both rationale and instruments. Second semester.

#### **318. Tests and Measurements**

*4 cr. hrs.*

A survey of the major principles, concepts and instruments employed in psychological evaluation, diagnosis and counseling, with special attention to reliability, validity, and construction of tests, and interpretation of results.

#### **319. Introduction to the Principles of Behavior Modification**

*4 cr. hrs.*

The purpose of this course is to provide an introduction to theory, research and practice in behavior modification. It is hoped that this course will function not only to familiarize the student with the field, but that it will assist in further reading and research. While the emphasis is "academic", the clinical and applied considerations will be an integral part of the course.

#### **320. Experimental Psychology I.**

*4 cr. hrs.*

An introduction to the basic experimental methods and procedures utilized in psychological research, including a review of basic methods of data analysis and experimental design. The basic research literature in learning and psychophysics is studied. Students participate in the design, collection of data, analysis of data and write up of the results of experiments conducted with human subjects. Lecture and laboratory. Required of majors. Credit is contingent upon completion of 321, and no credit will be given toward graduation for only one semester of the subject. Should be taken during the junior year. *Prerequisite:* 8 hours of psychology and junior classification. First semester.

#### **321. Experimental Psychology II.**

*4 cr. hrs.*

A review of the research literature, methodology and methods of data analysis utilized in the areas of motivation, and perception. An emphasis is placed upon research and each student is involved in the care and maintenance of the small-animal laboratory. Individual research projects are designed and executed by each student who also constructs his own experimental apparatus in the department's workshop. Required of majors. *Prerequisite:* Psychology 310. Second semester.

#### **322. History and System**

*4 cr. hrs.*

The rise and growth of modern psychology in its contemporary expressions. Attention is given to origins, major developments, and present trends in psychological thought. Special notice is paid to international directions. Required of majors. *Prerequisite:* 12 hours of psychology and senior standing, or consent

of instructor. First semester.

**334. Child Exceptionalities and Learning Difficulties** *4 cr. hrs.*

A study of special learning handicaps as well as behavioral adjustment, and administrative problems related to faulty perception, slowness, coordination difficulties, retardation, and intellectual brightness. Direct field-work contracts are encouraged.

**400. Professional Psychology.** *4 cr. hrs.*

Applications of Clinical, Experimental, and Social Psychology in non-academic settings. Inquiries in include professional preparation, professional relationships and organizations, clinical practice, human factors applications, legal responsibilities, and research ethics. Offered alternate years or by demand. Recommended for students planning to do graduate work in psychology. Juniors and seniors only. Second semester.

**408-409. Independent Projects for Seniors** *1-4 cr. hrs.*

**411. Advanced General Psychology.** *4 cr. hrs.*  
Critical and detailed study of the modern research findings and problems in the major areas of psychology. Attention will be given to drawing together typically diverse psychological material into a unified and coherent framework.

Should be last semester course. Required of majors, but may be taken by other students who have 12 or more hours of psychology including experimental. Second semester.

**421-422. Seminars** *Each 1-4 cr. hrs.*

Topics to be announced, prior to registration, in special interest areas not justifying a regularly scheduled course. Enrollment by permission of department only. Fall semester: Principles of Behavior Modification. Special topic for Spring semester: Psychological Dimensions of Religion. Contact Department Chairman for details.

## Religion

### THE W.D. JOHNSON DEPARTMENT

## OF RELIGION

One of the following numbered courses will fulfill the college requirement in Religion: 113, 114, 115, 211, 212, 213. This required course must be taken the freshman or sophomore year. Other courses may be elected as partial fulfillment of the Humanities general requirement for graduation. Juniors and seniors (usually transfer students) must take a 300 or 400 level course: 335, 336, 337, 338, 339, 451, 452, 453, and 456 to satisfy the college requirement for graduation.

A major in religion requires twenty-four hours other than the course taken to meet the general college requirement. Courses numbered 211, 212, 452, should be taken by all majors.

**113. Biblical Studies in Christian Faith.** *4 cr. hrs.*

A thematic study of selected Biblical passages which treat classic issues in Christian faith such as creation, the nature of man, the relation of law and freedom and how revelation occurs.

**114. The Bible: Its Origin and Transmission.** *4 cr. hrs.*

The course is a study of the development of a sacred literature within the Biblical record and shows how this literature came to be canonized and transmitted by the historical process. Some attention will be given to basic principles used in the interpretation of the Bible.

**115. The Hebrew Heritage of Western Civilization.** *4 cr. hrs.*

The main ideas of the Old Testament Literature are examined with attention to their influence on Western culture. Selections from every section of the Old Testament will be studied.

**140, 141, 150, 151, 160, 161, 170, 171.**

**Church Ministries Practicum.** *1 1/2 cr. hr.*

Learning through doing in church and community situations. Supervision is offered by the Religion Department and the staff of the local church. Each church related vocation student is expected to participate in this experience if he accepts a church related vocation grant. This is not applicable toward a religion major. Students should consult with the Director of In-Service Training.

**211. Jesus and the Gospels.** *4 cr. hrs.*

Using the four Gospels, limited material from Acts, and some extra-Biblical sources, the course is designed to understand Jesus and His teaching as well as the contribution of each Gospel writer in preserving the records about Jesus.

**212. The Early Church and Paul** *4 cr. hrs.*

The growth and development of the Christian community after the death of Jesus is studied. While emphasis is placed on Paul's activities, his thought, and influence as reflected in his own writings and the book of Acts, other New Testament authors and personalities are used to complete the story of Christianity to the end of the first century.

**213. Biblical Ethics** *4 cr. hrs.*

A study of Biblical selections throwing light on the problems of moral choice. Will explore basic questions as: What was the foundation of moral choice for the Hebrews? What is the basis for ethical decisions in New Testament writings?

**335. American Christianity.** *4 cr. hrs.*

The story of America's developing religious situation. Analyzes historically how the various denominations began in this country and traces the development of these groups. Considerable emphasis will be placed on sect and minority church groups as well as the Baptist denomination in America from the Revolution to modern times.

**336. Religious Revolution and Change in Christian History.** *4 cr. hrs.*

A study of Christian history from apostolic

times laying emphasis on individuals who were innovators within the Christian church. Strong emphasis will be given to Reformation Christianity.

**337. The Mysterious in Religion.** *4 cr. hrs.*

Beginning with the mysterious which goes beyond reason as a unique quality in all religion, a study will be made of the renewed interest in magic, sorcery, spiritism, and the esoteric. An effort will be made to relate this phenomenon to a proper understanding of feeling and the nonobjective aspect of Christianity.

**338. Religious Faith and Technological Man.** *4 cr. hrs.*

A study of the problems posed by technological development from the perspective of the Judeo-Christian faith. Discussion will deal with such questions as: How does a Biblically oriented person view nature? How does Christian faith relate to the growth syndrome of technology? What is the future of man in a pollution-infested environment?

**339. The Study of Religion.** *4 cr. hrs.*

An investigation of religion and its place, society and the life style of the individual. An inquiry will be made into the social and psychological dimensions of religion, its function as a value system, and expression of man's inner experience, and as a pattern of belief. While non-Christian religions will be investigated, the Hebrew-Christian tradition will be basic source material. During the study the student will deal with such questions as: What is religion? What meaning does it offer for man's self understanding? Do all religions share common elements? Is one religion better than another? Alternates with 338.

**342. The Church and Its Hymnody.** *4 cr. hrs.*

A historical study of hymns and writers. An analysis of the elements constituting good hymns, and a critical study of published hymnals. Offered on demand by the Music Department faculty.



**451. The Religions of Mankind.** 4 cr. hrs.

A survey of the major religions of the world, past and present. Emphasis is upon the Eastern religions of the Hindu, Buddhist, and Moslem. The study is primarily historical but an effort is made toward understanding these religions in their present day expressions.

**452. Biblical Studies: Seminar.** 1-4 cr. hrs.

A seminar in a specified section of the Biblical Literature or its cognates. (Designed for pre-seminarians and majors.) The course may be taken for credit more than once. An introduction to the methods and aims of archaeology is followed by a study of how archaeological excavations have contributed to the understanding of the Bible, its history, geography, customs and translation.

**453. The Christian Faith and Modern Man.**

4 cr. hrs.

Why believe in the Christian God? How does God speak to man? What is the origin and nature of evil? What is man? What difference does Christ make? What is the future of the church? These and other questions are explored through the study of classical Christian faith as expressed by Christian thinkers. The course studies theology; What difference does God make?

**454. Independent Readings in Religion.**

1-4 cr. hrs.

A list of readings is selected around a central theme by the student in consultation with the Chairman of the Department (or a professor designated by the chairman). The method of evaluation will be determined in each situation.

**455. Independent Studies.** 1-4 cr. hrs.

Independent studies in a selected area according to the interest and ability of the student. May be accomplished in an off-campus project or honors program with prior approval of the department. A formal written summary of the project findings will be submitted.

**456. Christianity and Contemporary Issues.**

4 cr. hrs.

A study of the relevance of Christianity to issues confronting the present generation student. A selection of problems such as secularity and Christianity, God talk, new morality, relevance of the church, church and state, ecumenism, race relations, Jesus People, Christianity's relation to other religions, and exology, will be identified and discussed. Selection and expansion of topics vary from year to year.

**Sociology**

*Major:* 24 semester hours, including courses 211, 319, and 412.

**211. Introduction to Sociology.**

4 cr. hrs.

This introduction to the study of sociology includes an examination of what sociologists know and how they know it. The concepts and methods of sociology are examined. Culture, personality, social institutions, social change, social power, social science methodology are among the topics covered. Laboratory and field work is an integral part of the course. First and second semesters.

**218. Social Work.**

2 cr. hrs.

A survey of the nature and philosophy of social work, its historical background, and general theory of social work and its application to individual and community problems. Designed to acquaint the student with the social work profession and its function in modern society.

**304. For course description see Psychology 304.****313. Population Issues and Analysis**

4 cr. hrs.

The population explosion and its effects upon institutions and individuals are examined. Special attention is given to the importance of population problems and policies in relation to current national and international economic, political, social and religious con-

ditions. Second semester.

**319. Methods of Social Research.** 4 cr. hrs.

The application of research techniques to the social sciences. This includes the theory of social research, research design, techniques of collecting and processing data, analyzing data, and research reporting. Laboratory work required. Prerequisite: 12 hours in social science, including 211, or consent of instructor. Second semester.

**322. Criminology.** 4 cr. hrs.

A study of the nature, causes and consequences of crime and delinquency; and analysis of the judicial process; an evaluation of various methods of treatment and prevention of crime; a wide variety of field work opportunities. First semester.

**326. Marriage and the Family.** 4 cr. hrs.

A cross cultural study of family structure and functions; significant social characteristics of the American family; changing family roles; family organization, disorganization and reorganization. Second semester.

**332. Cultural Anthropology.** 4 cr. hrs.

A systematic introduction to cultural anthropology. Special attention is given to simple or primitive societies, with applications of results to contemporary complex societies. The nature and process of cultural development are studied in connection with the language, institutions and stateways of peoples.

**338. Race and Ethnic Relations.** 4 cr. hrs.

Racial and ethnic minorities in the United States are considered in the light of the findings of natural science, cultural anthropology, social psychology, religion and sociology. A realistic approach is sought to the many-sided problems of better relationships among the minority groups and between these groups and American society in general. First semester.

**412. Social Theory.** 4 cr. hrs.

A historical and analytical study of major

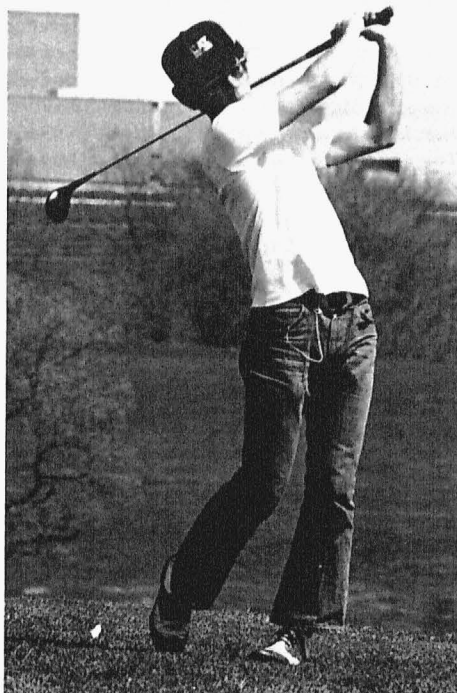
contributions of social thought, including the origin and development of early social thought, contributions of pioneers in the field of sociology, major types of sociological theory, contemporary social theory. Prerequisite: 211. First semester.

**427-428. Readings in Sociology.** 1-2 cr. hrs.

Readings are assigned from the works of prominent sociologists. Individual reports are arranged. For seniors.

**431-432. Research Seminar.** 1-4 cr. hrs.

An intensive study of special areas of sociological theory and research. Each student is expected to engage in research under the supervision of the department. Prerequisite: Sociology 319. Co-requisite: Mathematics 216, Statistics or equivalent.





# ADMINISTRATION AND FACULTY

## BOARD OF TRUSTEES

### ELMER C. ADAMS, SR.

Residence, R. D. Mize Road, Blue Springs, Mo. 64015; business address, P.O. Box 268, Rt. 1, Blue Springs, Mo. 64015.

Chairman of the board, Adams Dairy Company; chairman of building committee two years at Baptist Memorial Hospital, member of executive board Baptist Memorial Hospital, president of board of trustees for 1964, reelected for 1965, Baptist Memorial Hospital; president of Jackson County Farm Bureau four consecutive years, past member of Missouri Farm Bureau Federation eight consecutive two-year terms; Baptist.

### JAMES R. BOCELL

Residence, 1 Elmwood Road, St. Joseph, Mo. 64505; business, American National Bank, St. Joseph, Mo. 64502.

Senior Vice President and Senior Trust Officer, American National Bank, St. Joseph; member, Kansas City Bar Association, the Missouri Bar, the Trust Services Committee of Missouri Bankers Association, Rotary Club, Moila Shrine Temple; member, St. Joseph Bar Association; treasurer, Pony Express Council, Boy Scouts of America; treasurer, Mental Health Association of St. Joseph, Mo.; member, First Baptist Church, St. Joseph; Baptist.

**WILLIAM P. BROWNING, JR.,**

Residence, 3108 West 67th St., Shawnee Mission, Ks. 66208; Livestock Exchange Building, - Kansas City, Mo. 64102., retired.

President, William P. Browning and Son, ranch management and livestock; Baptist.

**WILLIAM M. CROUCH,**

Residence 239 Chasselle Lane, St. Louis, Mo. 63141; business address, Adams Dairy Company, 3230 Gravois, St. Louis, Mo. 63118.

Vice-president, Adams Dairies — Kansas City and St. Louis, Mo.; Vice-president, Velvet Freeze Ice Cream Co., St. Louis, Mo.; Sunday school teacher and deacon, Kirkwood Baptist Church; member of Downtown Kiwanis, St. Louis, Mo.; Baptist.

**CHARLES E. CURRY,**

Residence, 1030 W. 53rd. Terrace, Kansas City, Mo. 64112; business address, Home Savings Association, 1006 Grand, Kansas City, Mo. 64106.

Chairman of the board, Charles F. Curry and Company; chairman of the board, Home Savings Association, Kansas City, Mo.; Baptist.

**HOMER EARL DeLOZIER, D.D.**

Residence, 1700 Bellevue, St. Louis, Mo. 63117; business address, 3526 Washington Blvd., St. Louis, Mo. 63103.

Minister; supt. of missions, St. Louis Baptist Assn.; executive secretary, St. Louis Baptist Mission Board, 1955; president, St. Louis Baptist Ministers' Conference, 1946; Missouri Baptist Children's Home, 1949-52; trustee, Home for Aged Baptists, 1950-51; moderator, St. Louis Baptist Association, 1952-53; president, St. Louis Mission Board, 1953-54; secretary, executive committee Missouri Baptist Hospital, 1955; Baptist.

**D. CLEVELAND FRANKLIN, JR.,**

Residence, 6401 Belinder Rd., Shawnee Mission, Ks. 66208; business address, ISC Financial Corp., 3420 Broadway, Kansas City, Mo. 64141.

Vice-president, ISC Financial Corp.; president, Protection, Inc., Kansas City; president, Furniture Warehouse, Inc., El Paso, Tex., Las Cruces and Albuquerque, New Mexico; Director, ISCO Manufacturing Co., Inc. and ISCO Acceptance Corp., Kansas City, Mo. and United States Forgecraft Corp., Ft. Smith, Ark.; board of trustees, Baptist Memorial Hospital ; deacon, Wornall Road Baptist Church, Kansas City; Baptist.

**WILLIAM D. HAWN,**

Residence, 4550 Warwick Blvd., Kansas City, Mo. 64111; Hawn Bedding Company, Retired.

President, Hawn Bedding Company, Kansas City, Mo.; Kansas City Chamber of Commerce; board of trustees and board of governors, Baptist Memorial Hospital; advisory board of Defenders of Christian Faith; Baptist.

**ARTHUR L. LAND,**

Residence, 8404 Ensley Place, Leawood, Ks. 66206; business address, 7721 State Line, Suite 101, Kansas City, Mo. 64114.

President, Southwest Acceptance Corporation; past president, member of board of trustees, Baptist Memorial Hospital, Kansas City, Mo.; Baptist.

**ERNEST T. LINDSEY,**

Residence, 1118 Ridgeway, Liberty, Mo. 64068; business address, Farmland Industries, P.O. Box 7305, Kansas City, Mo. 64116.

President, Farmland Industries, Inc. deacon, Second Baptist Church, Liberty, Mo.; vice president of board of trustees of William Jewell College; Baptist.

**SAMUEL E. MADDOX, D.D.**

Residence, 2619 Lovers Lane, St. Joseph, Mo., 64506; business address, 13th and Francis, St. Joseph, Mo. 64501.

Pastor, First Baptist Church of St. Joseph; former member of executive board and executive committee of Missouri Baptists; past president of Sunday School Board; past chairman of Christian Life Commission of Missouri; President of Ministerial Alliance of St. Joseph; Baptist.

**EUGENE M. MOORE,**

Residence, 5331 Norwood, Shawnee Mission, Ks., 66205; business address, 20 West Ninth Street, Kansas City, Mo. 64105.

Executive vice president, Charles F. Curry and Company; member, Real Estate Board; trustee, Baptist Memorial Hospital; member, Kansas City Bar Association; member, Kansas City Chamber of Commerce; deacon, Calvary Baptist Church, Kansas City; Baptist.

**FRED H. PILLSBURY,**

Residence, 680 South McKnight Road, St. Louis Mo. 63124; business address, 1831 Chestnut, St. Louis, Mo. 63166.

Industrialist; vice-president & Consultant, Gould, Inc., Century Electric Div., St. Louis, Mo.; Baptist.

**LAVONNE R. RUKIN,**

Residence, 3143 N.E. 59th Terr., #4, Kansas City, Mo. 64119.

Retired president, Industrial Fumigant Co., Kansas City; member, Soroptimist Club, the Kansas City Women's Chamber of Commerce (former editor of that organization's publication The Civic Woman); has served on board of directors of Shamrock House; sponsor, American Royal; assistant area director, the Administrative Management Society; active in People to People Program; member, Calvary Baptist Church, Kansas City; Baptist.

**ELLIOTT C. SPRATT,**

Residence, 706 South 13th, St. Joseph, Mo. 64501; business address, Hillyard Enterprises Inc., St. Joseph, Mo. 64502.

Director, Hillyard Enterprises; director, Hillyard Sales Co., Eastern; partner, Spratt Real Estate Co.; trustee, American Humanics Foundation; deacon, First Baptist Church, St. Joseph, Mo.; Baptist.

**GERALD R. SPRONG,**

Residence, 3907 North 29th Terrace, St. Joseph, Mo. 64506; business, American National Bank, St. Joseph, Mo. 64502.

President and Chief Executive Officer of Ameribank, Inc., St. Joseph, Mo.; Director, Home Savings Association of Kansas City; Director and Chairman of the board of First State Bank, Rolla, Mo.; Director, American Bank and Trust Co., Kansas City, Mo.; Director, Price Candy

Co., Kansas City, Mo.; Director, Bank of Higginsville, Mo.; administrator, Oscar D. Nelson Foundation; chairman, Structure and Reorganization Committee of the Missouri Baptist Convention; member and deacon, Wyatt Park Baptist Church of St. Joseph, Mo.

**HARVEY M. THOMAS, Ph.D.,**

Residence, 617 Jefferson Circle, Liberty, Mo. 64068.

President, Thomas and Associates, Inc., psychological consultants to management; director, National Commercial Bank, Liberty, Mo.; director, Kansas Bankcorporation, Kansas City, Ks.; trustee, Midwest Christian Counseling Center; director, Arrow Rock Lyceum; member, American Psychological Association, Midwest Psychological Association, Kansas City Psychological Association; Certified Psychologist, Missouri; Certified Psychologist, Kansas; Sigma Xi; Baptist.

**NATHAN A. TOALSON,**

Residence, South Jefferson St., Centralia, Mo. 65240; business address, 210 North Allen Street, Centralia, Mo. 65240.

Chairman of Board and director, A.B. Chance Company, Centralia, Mo.; trustee, Chance Foundation; deacon, First Baptist Church, Centralia, Mo.; Baptist.

**JOHN F. TRUEX,**

Residence, 13139 Thornhill Drive, St. Louis, Mo., 63131; business address, TWA — 605 Third Ave., N.Y., N.Y. 10016.

Vice President — Sales and Services, Western Division, Trans World Airlines; executive council, Delmar Baptist Church, St. Louis; Baptist.

**WILLIAM E. TURNAGE,**

Residence, 509 Nashua Rd., Liberty, Mo. 64068; business address, Jackson County Court-house, 12th and Oak Streets, Kansas City, Mo. 64106.

Judge, Missouri Court of Appeals, Kansas City District; president, board of trustees of William Jewell College; Baptist.

**CARL F. WILLARD,**

Residence, 634 West 66th Terrace, Kansas City, Mo. 64113; business address, 20 West Ninth Street, Kansas City, Mo. 64105

Vice president and director, Home Savings Association; assistant to the chairman of the board, Charles F. Curry and Company; member, Kansas City Chamber of Commerce; Real Estate Board; trustee, Baptist Memorial Hospital; deacon, Calvary Baptist Church, Kansas City; secretary-treasurer of board of trustees of William Jewell College; Baptist.

**BERTRAM H. WITHAM,**

Residence, 89 Fox Hill Road, Stamford, Conn. 06903; business address, IBM, Armonk, N.Y. 10504.

Treasurer, IBM, New York; member, board of directors, for the following: Adela Investment Co. S.A., J. Henry Schroder Banking Corporation, Foreign Policy Association, National Foreign Trade Council, American Graduate School of International Management, Bill Glass Evangelistic Association; trustee, Hartt College of Music, University of Hartford; Baptist.



WILLIAM F. YATES,

Residence, 439 East Main, Richmond, Mo. 64085; business address, Exchange Bank of Richmond, Richmond, Mo. 64085.

Banker; chairman of the board and director of Exchange Bank of Richmond, Mo.; president and director, Richmond Loan and Realty Company; president and director, Ray Land Co.; president and director, Missouri Valley Farms; president and director, Progressive Enterprises; Baptist.

## TRUSTEES EMERTI

R.E. COOPER, 10315 Johnson Dr., Shawnee Mission, Ks. 66203.

JOE E. CULPEPPER, 630 W. Meyer Blvd., Kansas City, Mo. 64113.

JOHN B. WORNALL, JR., P.O. Box 253, Point Clear, Ala.

## OFFICERS OF THE ADMINISTRATION

THOMAS S. FIELD, B.S., B.D., D.D., *President*, Greene Hall.

BRUCE R. THOMSON, A.B., B.D., Th.M., M.A., Ph.D., *Vice President for Academic Affairs and Dean of the College*, Greene Hall.

DAN M. LAMBERT, A.B., M.A., *Dean of Student Affairs*, Greene Hall.

J. GORDON KINGSLEY, JR., B.A., M.A., B.D., Th.D., *Associate Dean of the College*, Greene Hall.

A.S. MICHEL, B.S., *Director of Development*, Curry Library.

WAYNE VALENTINE, B.S. in B.A., *Business Manager*, Greene Hall.

R. ELTON JOHNSON, JR., B.A., M.Div., *Dean of Religious Life*, Gano Hall.

## ADMINISTRATIVE STAFF

Richard P. Bowles, M.D., *College Physician*, 112 North Water Street, Liberty, Mo.

Alford W. Coffman, *Student Financial Aid Director*, Greene Hall.

Harles E. Cone, A.B., M.Div., M.A., *Coordinator of Counseling Services*, Curry Library.

Deola Gairrett, *Registrar*, Greene Hall.

Clyde T. Gibbs, Jr., A.B., M.R.E., *Associate Director of Admissions*, Greene Hall.

Loren S. Goings, A.B., Th.M., Th.D., *Church-College Co-ordinator*, 9817 Bennington, Kansas City, Mo.

Johnnie Human, A.B., M.R.E., M.A., *Associate Dean of Students*, Greene Hall.

Dean Nay, B.S., *Manager of Food, Housing, and Auxiliary Services*, Yates College Union.

Norris A. Patterson, B.S., A.M., Ed.D., *Associate Director of Development*, Curry Library.

Gary Phelps, B.A., M.S., *Assistant Dean of Student Affairs*, Yates College Union.

Fred Presley, B.A., Th.M., *Associate Director of Development*, Curry Library.

Ronald C. Ramey, A.B., *Admissions Counselor*.

Aaron M. Reuck, B.S.C.E. *Director Of Physical Plant*, Greene Hall.

Velma Schultze, *Director of the News Bureau*, Greene Hall.

Larry E. Stone, A.B., *Associate Director of Admissions*, Greene Hall.

Edward Treadwell, Jr. A.B., *Associate Dean of Students*, Yates College Union.

J. Ed Waller III, A.B., M.S., *Director of Alumni Services and Public Relations*, Greene Hall.

Earl R. Whaley, B.S., B.D., Th.M., M.A., D.Min., *Director of Continuing Education*, Greene Hall.

Harley Wyatt, Jr., A.B., *Director of Admissions*, Greene Hall.

John Young, A.B., M.L.S., M.P.A., *Director of Library*, Curry Library.

## FULL-TIME FACULTY 1975-76

(Date after name indicates year of first appointment.)

### BRUCE R. THOMSON, 1959

Vice President for Academic Affairs and Dean of the College; professor of sociology

AB, 1949, William Jewell College; BD, 1952, THM, 1953, Southern Baptist Theological Seminary; MA, 1955, University of Louisville; PhD, 1959, Florida State University

### WILLIAM W. ADAMS, JR. 1955

Chairman of department and professor of political science

AB, 1951, MA, 1954, University of Kansas; Law study at University of Kansas, University of Missouri-Kansas City; further graduate study at University of Oklahoma (Munich program); MA, Certificate of Russian Institute, 1960, Columbia University; PHD, 1968 Columbia University.

### BETTY APPLE, 1973

Instructor of nursing education

B.S., 1969, University of Kansas; further graduate study, School of Nursing, University of Kansas.

### GEORGIA B. BOWMAN, 1947

Chairman of department and professor of communication

AB, 1934, William Jewell College; BJ, 1937, University of Missouri; AM, 1941, Iowa State University; PhD, 1956, University of Iowa; further study, University of Denver and Northwestern University.

### OSCAR S. BROOKS, 1963

Professor of religion

BA, 1949, Carson-Newman College; BD, 1954, PhD, 1959, Southern Baptist Theological Seminary; further study, Pacific School of Religion, Hebrew Union

College Biblical and Archaeological School in Jerusalem, Tel-Aviv University  
Institute of Archaeology Expedition to Tell Aphek, Regents Park College of Oxford University

**CAROLYN BROSE, 1972**

Associate professor and director of nursing education  
B.S., 1964, Oklahoma Baptist University, MS, 1966, Ohio State University

**DONALD C. BROWN, 1967**

Associate professor of music  
AB, 1961, University of South Carolina; MCMus, 1964, DMA, 1973, School of Church Music, Southwestern Baptist Theological Seminary

**WILBUR J. BRUNER, 1936**

Chairman of department and professor of modern languages  
AB, 1932, William Jewell College; AM, 1933, University of Kansas; further graduate study, University of Mexico, Brown University, University of Missouri-Kansas City.

**\* JOHN BUGERA, 1966**

Associate professor of business administration and economics  
A.B., 1962, William Jewell College; M.S., 1965, doctoral candidate, University of Kansas.

**JOHN A CANUTESON, 1974**

Instructor of English  
BA, 1964, University of Texas-Austin; MA, 1965, University of Chicago; candidate for Ph.D.

**\*\* EDGAR CHASTEEN, 1965**

Professor of sociology  
BS, 1957, MA, 1959, Sam Houston State College; graduate study, 1961, University of Texas; PhD, 1965, University of Missouri

**KENNETH B. CHATLOS, 1973**

Instructor of history  
BA, 1969, Moody Bible Institute; BA, 1969, University of North Dakota; MA, 1971, University of Nebraska, candidate for Ph.D., University of Nebraska

**LUTIE CHILES, 1950**

Professor of education and director of elementary education  
AB, 1940, William Jewell College; MA, 1947, Northwestern University; Further graduate study, New York University, University of Hawaii.

**CYNTHIA M. CIEPLIK, 1974**

Instructor of nursing education  
B.S.N., 1969, Loyola University; further graduate study University of Kansas.

**MYRA L. COZAD, 1961**

Assistant professor of English  
AB, 1960, William Jewell College; MA, 1963, Washington University; further graduate study, University of Kansas

**PAULA LEA CRAMER, 1973**

Instructor of nursing education  
BS, 1970, University of Kansas; further graduate study, School of Nursing, University of Kansas.

**WILLIAM W. CUTHBERTSON, 1958**

Chairman of department and professor of history  
AB, 1952, William Jewell College; BD, 1955, Southern Baptist Theological Seminary; PhD, 1962, University of Rochester, further graduate study, University of Maryland

**KEITH R. DAVID, 1969**

Associate professor of philosophy  
BA, 1954, Oklahoma Baptist University; MA, 1962, University of Wichita; PhD, 1969, Southern Illinois University

ELLA DAVIDSON, 1961

Associate professor of education  
AB, 1937, William Jewell College; MA, 1940, Columbia University Teachers College; further graduate study, Northwestern University, University of Kansas, University of Missouri-Kansas City, Northwest Missouri State University, Midwestern Baptist Theological Seminary.

JUDITH A. DILTS, 1975

Instructor of biology  
AB, 1968; MS, 1975; doctoral candidate, all at Indiana University.

MARVON P. DIXON, 1965

Chairman of department and professor of chemistry  
AB, 1960, William Jewell College; MS, 1963, PhD, 1965, University of Illinois

D. DEAN DUNHAM, JR., 1969

Chairman of department and professor of English  
BA, 1960, Hastings College, MA, 1962, University of Arkansas; PhD, 1970, University of Nebraska

DEAN EDMISTON, 1969

Associate professor of Accounting  
BS, 1966, MS, 1967, Kansas State Teachers College, Emporia, C.P.A.,

RUTH EDWARDS, 1973

Assistant professor of nursing education  
BS, 1969, University of Missouri-Columbia; MSN, 1973, University of Texas.

GRETA ENGBERG, 1974

Assistant professor of nursing education  
Certificate; Nurse Midwifery, 1957, Edin-

burgh, Scotland; BSN, 1970; MSN, 1974, Texas Woman's University.

FRED FLOOK, 1975

Assistant professor of physical education and coach of baseball  
B.S., 1958; M.A., both at Kansas State Teachers College at Emporia. Further study toward a doctorate at University of Utah.

WESLEY L. FORBIS, 1962

Chairman of department and professor of music  
BME, 1952, MA, 1957, University of Tulsa; MM, 1955, Baylor University; PhD, 1970, George Peabody College

CHARLES DON GEILKER, 1968

Associate professor of physics  
AB, 1955, William Jewell College; MA, 1957, Vanderbilt University; PhD, 1968, Case Western Reserve University

DARREL W. GOURLEY, 1958

Associate professor of physical education, track coach and cross country coach  
BS, 1949, Northeast Missouri State College; MEd, 1952, University of Missouri; further graduate study, University of Indiana, University of Missouri

KATHERINE GRIFFITH, 1965

Assistant professor of French  
BA, 1956, University of Minnesota; MA, 1957, University of Wisconsin

LARRY MAX HAMILTON, 1967

Assistant professor of physical education, athletic director, and swimming coach  
AB, 1961, William Jewell College; MS, 1967, Central Missouri State University

RICHARD L. HARRIMAN, 1962

Associate professor of English and director of fine arts

AB, 1953, William Jewell College; MA, 1960, Stanford University; further graduate study, Stanford University, Shakespeare Institute, Oxford University.

**DOUGLAS J. HARRIS, 1966**

Professor of religion and Greek

BA, 1937, Georgetown College; ThM, 1940, ThD, 1948, Southern Baptist Theological Seminary; further study, University of Edinburgh, Vanderbilt University, MA, 1971, University of Missouri-Kansas City

**JOHN A. HICKMAN, 1968**

Associate professor of physical education, director of professional program, and basketball coach

AB, 1961, William Jewell College; MS, 1963, University of Wisconsin; doctoral candidate, Southern Illinois University

**WALLACE A. HILTON, 1946**

Chairman of department and professor of physics

AB, 1933, William Jewell College; AM, 1939, EdD, 1941, University of Missouri; MS, 1948, University of Arkansas; further study, Massachusetts Institute of Technology, University of Wisconsin, University of New Mexico, Rensselaer Polytechnic Institute.

**THOMAS T. HOLLOWAY, 1973**

Assistant professor of chemistry

BA, 1966, PhD, 1969, Rice University; Postdoctoral research associate, 1969-71, Johns Hopkins University; Welch Research Fellow, 1971-73, Texas Tech University

**EVELYN HUTCHISON, 1972**

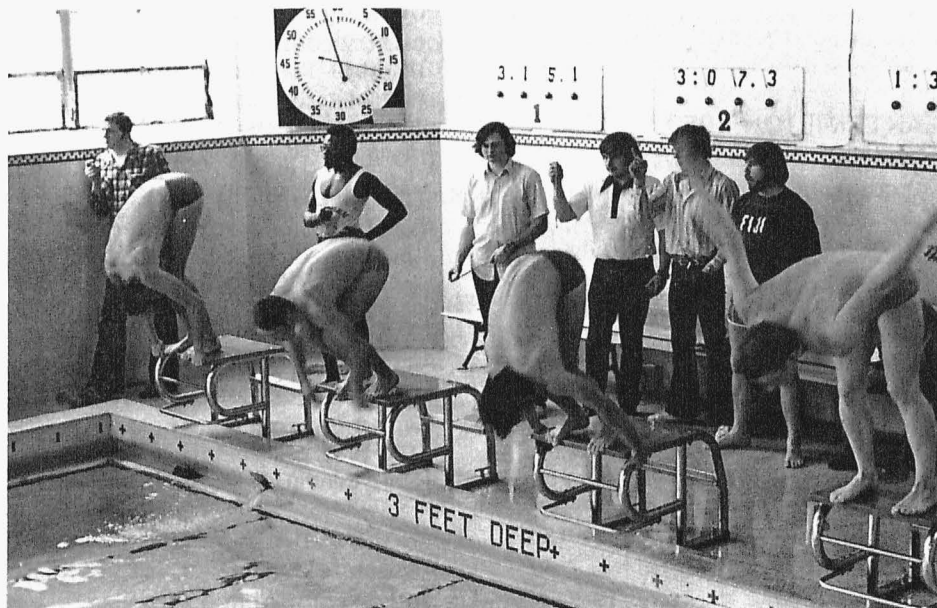
Associate professor of nursing education

BS, 1959, University of Oregon; MS, 1964, University of Indiana

**DAVID BUSCH JOHNSON, 1970**

Assistant professor of art

BA, 1955, Wheaton College; BAE, 1960, School of Art Institute of Chicago; MS,





1967, Illinois Institute of Technology (Institute of Design); MFA, 1974, Kansas University

**JEANNE JOHNSON, 1973**

Instructor of nursing education

BS, 1956, University of Illinois; MA 1975, University of Missouri Kansas City, further graduate study, University of Missouri-Kansas City.

**J. GORDON KINGSLEY, JR., 1969**

Associate Dean and professor of English

BA, 1955, Mississippi College; MA, 1956, University of Missouri; BD, 1960, New Orleans Baptist Theological Seminary; ThD, 1965, New Orleans Baptist Theological Seminary; doctoral course work completed. University of Louisville; further graduate study, National University of Ireland; Center for the Teaching Professions, Northwestern University.

**WILLIAM DAVID KIRKPATRICK, 1975**

Assistant professor of religion and director of in-service training

BA, Baylor University; ThM, Baylor University; Th.D., Southwestern Baptist Theological Seminary, 1974

**BONNIE KNAUSS, 1969**

Director of reader services and assistant professor

AB, 1968, William Jewell College; MALS 1969, University of Missouri-Columbia

**EDWARD LAKIN, 1950**

Professor of music

BS, 1933, Northeast Missouri State College; MA, 1941, Iowa State University; further graduate study, University of Kansas

**EARL McELWEE, 1965**

Associate professor of political

science

AB, 1957, William Jewell College; MDiv, 1961, Midwestern Baptist Theological Seminary; MA, 1964, MPh, 1970, and doctoral candidate, University of Kansas

**ROBERT L. MCKINNEY, 1962**

Associate professor of psychology

AB, 1952, William Jewell College; M. Div, 1958, Southern Baptist Theological Seminary; further graduate study, Washington University.

**BARBARA ROSE MACKE, 1968**

Assistant professor of physical education

BS, 1963, Southeast Missouri State University, MA, 1972, University of Missouri-Kansas City.

**JOSEPH T. MATHIS, 1969**

Assistant professor of mathematics

BA, 1963, Howard Payne College; MS, 1965, Texas Christian University, further graduate study, Oklahoma University

**\*\*RUTH L. MATTHEWS, 1964**

Assistant professor of English

BA, 1951, University of Louisville; MA, 1964, and further graduate study, University of Missouri-Kansas City

**M. LEE MINOR, 1968**

Chairman of department and professor of psychology

BA, 1961, National College; MA, 1963, University of Tulsa; PhD, 1971, Colorado State University

**DAVID O. MOORE, 1956**

Chairman of department and professor of religion

AB, 1943, Ouachita Baptist University; BD, 1946, ThM, 1947, ThD, 1950, Southern Baptist Theological Seminary; further study, Union University, New York, Vanderbilt University

**JAMES A. NELSON, 1950**

Professor of physical education,  
football and tennis coach  
BS, 1949, Missouri Valley College; MAEd,  
1953, University of Missouri-Kansas City;  
further graduate study, University of Il-  
linois

**CHARLES F.J. NEWLON, 1956**

Associate professor of biology  
AB, 1956, William Jewell College; MA,  
1962, University of Missouri-Columbia  
further graduate study at University of  
Missouri, University of Puerto Rico, Uni-  
versity of Missouri-Kansas City, Kansas  
City Museum of Science and History

**LINDA NEWTON, 1965**

Assistant professor of  
communication  
AB, 1962, William Jewell College; MA,  
1963, University of Missouri; further  
graduate study, University of Kansas Me-  
dical Center.

**ROBERT L. PARKER, JR., 1974**

Assistant professor of sociology  
BA, 1947, Howard University; BD, 1950,  
MDiv, 1970, Eden Theological Seminary;  
DD, 1964, United Theological Seminary;  
further study, Tuskegee Institute,  
Howard University School of Religion,  
University of Chicago, Southwestern  
Theological Seminary, University of Mis-  
souri

**NORRIS A. PATTERSON, 1950-1969,  
1975**

Chairman of department and  
professor of physical education  
and associate director of  
development.  
BS, Missouri Valley College, 1939; AM,  
University of Kansas City, 1952; Ed.D.,  
Columbia University, 1958.

**JOHN L. PHILPOT, 1962**

Professor of physics  
AB, 1957, William Jewell Collge; MS,  
1961, PhD, 1963, University of Arkansas

**\* \* \* PHILLIP C. POSEY, 1965**

Associate professor of music and  
director of instrumental activities  
BME, 1959, Florida State University; MM,  
1963, Eastman School of Music of the  
University of Rochester, N.Y.; DMA,  
1974, University of Missouri-Kansas City  
Conservatory of Music

**JOHN DAVID RICE, 1967**

Associate professor of history  
BArch, 1953, Texas A&M College; BD,  
1958, Southwestern Baptist Theological  
Seminary; further study, University of  
Houston, Texas Christian University;  
Ph.D., 1975, University of Missouri-  
Columbia

**BETTY S. RICHERT, 1974**

Instructor of nursing education  
BSN 1971; MN, 1974; University of Kan-  
sas

**PAULINE PECK RIDDLE, 1972.**

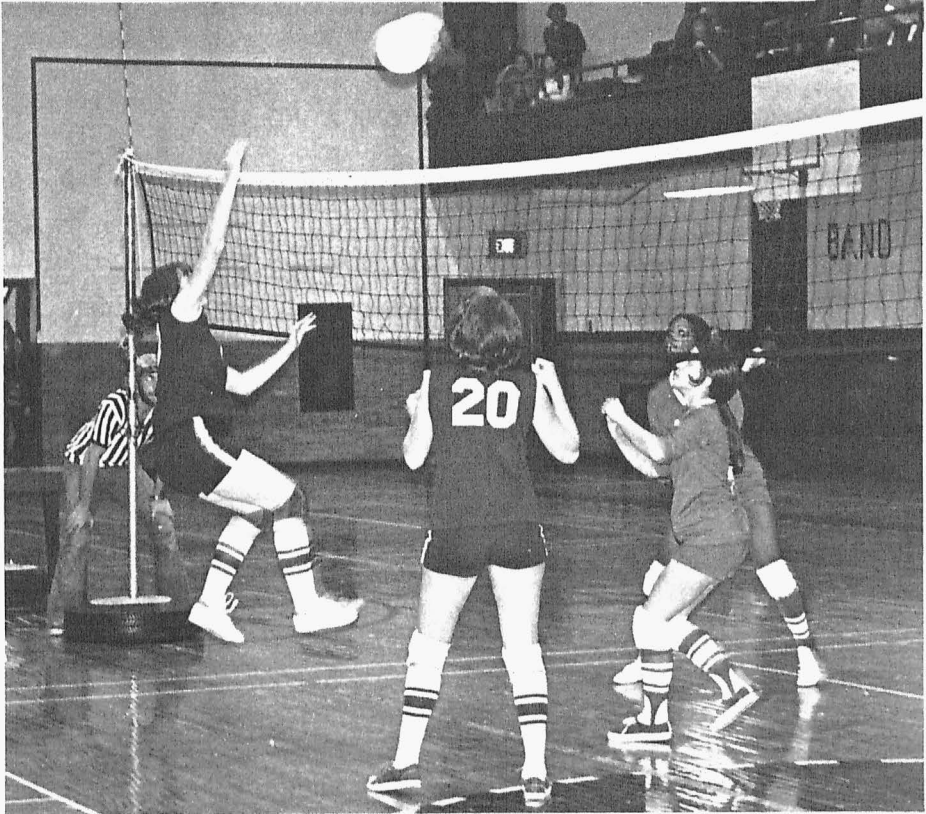
Assistant professor of music  
BSEd, 1953, Southwest Missouri State  
College; MSM, 1956, Southern Baptist  
Theological Seminary; DME, 1972, Uni-  
versity of Oklahoma

**JANICE SELLS, 1975**

Instructor in Communication  
BA, Georgetown College; MA, Southwest  
Missouri State University, 1975.

**ANN MARIE W. SHANNON, 1974**

Assistant professor of English  
BA, 1951, Agnes Scott College; AM, 1952,  
Radcliffe College; PhD, 1961, Emory  
University.



SHERMAN W. SHERRICK, 1968

Assistant professor of  
mathematics

BS, 1964, Southwest Missouri State; MS,  
1968, University of Missouri-Rolla

M.J. STOCKTON, 1972

Associate professor of education

BA, 1962, Baylor University; MA, 1967,  
Sam Houston State University; EdD,  
1971, Baylor University

THOMAS SMITH, 1975

Assistant professor in Biology

BA, Chico State College, 1968; MA, Chico  
State College, 1970; PhD, Idaho State  
University, 1975

JULIA K. STRAIN, 1975

Instructor of nursing education

B.S., 1966, Ohio State University; M.N.,  
1970 University of Kansas

PAUL L. SMOCK, 1971

Associate professor of psychology

AB, Oklahoma Baptist University; MA,  
Oklahoma State University; PhD, 1970,  
Brigham Young University

DARREL R. THOMAN, 1962

Chairman of department and  
professor of mathematics

BA, 1960, Hastings college; MA, 1962,  
University of Kansas; PhD, 1968, Univer-  
sity of Missouri-Rolla; further graduate

study, University of Missouri-Kansas City

**STEVEN HOWARD THOMSON, 1970**

Assistant Professor of physical education and baseball coach

BA, 1964, Bethany College; MA, 1972, Central Missouri State University

**ROBERT S. TROTTER, 1949**

Chairman of department and professor of philosophy

AB, 1944, Mississippi College; BD, 1947, PhD, 1956, Yale University; further study, University of Minnesota

**CATHERINE VERA, 1974**

Instructor of modern languages

Ph.D., 1974, University of Missouri

**BETTY VREEMAN, 1972**

Assistant professor of communication

BA, 1969, Dordt College; MA, 1972, Central Michigan University

**BURDETTE L. WAGENKNECHT, 1968**

Chairman of department and professor of biology

BA, 1948, MS, 1954, University of Iowa; PhD, 1958, University of Kansas; further study, Syracuse University, Arizona State University, University of Puerto Rico, Oklahoma State University

**MARILYN H. WALKER, 1965**

Associate professor of English and art history

BA, 1961, University of Missouri; MA, 1965, and further graduate study, University of Missouri-Kansas City, University of Missouri-Columbia

**MARY M. WALKER, 1965**

Assistant professor of German

AB, 1962, William Jewell College; MEd, 1965, University of Missouri-Kansas City; further graduate study, Phillips Universität, Marburg An der Lahn, Germany;

Goethe Institut, Murnau, Oberbayern, Germany; University of Munich; University of Kansas

**FRANK WARD, 1975**

Instructor in economics

AB, Colorado State University; PhD., Colorado State University, 1975

**KERMIT C. WATKINS, 1956**

Chairman of department and professor of economics

AB, 1931, William Jewell College; MA, 1932, Colorado State University (Colorado A&M); PhD, 1955, University of Kansas

**FRED WEST**

Instructor in business administration

BBA, Baylor University, 1973; MBA, Baylor University, 1975.

**EARL R. WHALEY, 1955**

Chairman of department, professor of sociology and director of continuing education

BS, 1949, University of Tennessee; BD, 1952, ThM, 1953, Southern Baptist Theological Seminary; MA, 1954, George Peabody College for Teachers; DM, 1974, Midwestern Baptist Theological Seminary

**ROBERT F. WICKE, 1961**

Chairman of department, professor of education, and Director of Teacher Certification

BA, 1949, MA, 1950, University of Missouri-Kansas City; EdD, 1961, University of Kansas

**DEAN WILDER, 1975**

Associate professor of music

BA (Voice), 1963, Cascade College; MM (Voice), 1970, New England Conservatory of Music

\*TOM H. WILLETT, 1967

Assistant professor of communication and director of forensics

AB, 1966, Colorado State College, Greeley; MA, 1967, University of Nebraska

JOHN P. YOUNG, 1967

Director of library and assistant

professor

AB, 1964, William Jewell College; MA in LS, 1967, University of Denver; M.P.A., 1974, University of Missouri-Kansas City

SHARON KAY YOWELL, 1973

Instructor of nursing education

BS, 1969, University of Kansas; MS, 1971, University of California at San Francisco

## ARTIST IN RESIDENCE IN MUSIC

CECILIA WARD FRANKLIN, 1970

BA, 1947, Louisiana College; graduate study, Cincinnati Conservatory of Music, University of Cincinnati; Louisiana State University; private instruction with Angelita Loyo Marshall; and Sausto Cleva

✧ On leave of absence

✧✧ On leave first semester

✧✧✧ On leave second semester

## VISITING AND PART-TIME FACULTY 1975-76

CHARLES BEARD, JR. 1974

Instructor of voice

BS, DePauw University, MA Ohio State University

HELEN BROWN, 1968

Instructor of piano

BME, 1961, Samford University; MCM, 1964, School of Church Music, Southwestern Baptist Theological Seminary

MATTHEW CAMPAGNA, 1975

Instructor of brass

BME, 1974, University of Missouri-Kansas City

JOHN L. COOK 1973

Visiting instructor of education

BS, Pittsburg State College; ME, University of Kansas

DOROTHY COULTER-HALL 1974

Instructor of voice

Professional private study, Metropolitan Opera debut, 1961; N.Y. City Center Opera debut, 1961

BETTY DUNHAM, 1969

Instructor of piano

BA, 1960, Hastings College; MM, 1968, University of Nebraska

GEORGE FLANAGAN, 1973

Visiting instructor of speech and director of forensics

AB, 1970, William Jewell College; MA, 1973, Central Missouri State University

PEGGY W. HARRISON, 1972

Instructor of biology

BA, 1940, Randolph-Macon Woman's College; MA, 1942, Syracuse University; further study, McGill University and University of Virginia

PAT HARTLEY, 1972

Director of learning skills program

BS, MS, Central Missouri State University

SARAH HIGGINS, 1974

Instructor of piano

BM, 1968, Bethany College; MM, 1971, University of Missouri-Kansas City

JOHN IATZKO 1975

Instructor in strings

BA, Wayne State University, 1974

MARY G. JOHNSON, 1970

Associate professor of French

BA, 1959, Mount Holyoke College; MA, 1961, Middlebury College Graduate School in Paris; doctoral candidate, University of Wisconsin

PATRICIA LUND, 1968

Instructor of physical education

AB, 1948, William Jewell College

CARMEN MEISENBACH, 1974

Instructor of piano

BM, Julliard School of Music

KURT MEISENBACH, 1974

Instructor of strings

BM, 1971, Manhattan School of Music

MARY S. MILLER, 1967

Assistant professor of education

BS, 1964, MS, 1967, Eastern Connecticut State College (formerly Willimantic State College); Ph.D, 1974 University of Missouri-Kansas City

ANN POSEY, 1966

Instructor of piano

BM, 1963, University of Alabama; further graduate study, University of Alabama

GENE STOKES, 1971

Instructor of voice

BM, 1960, Westminster Choir College, Princeton, N.J.

VERONICA TAPSONYI, 1969

Artist-Teacher

Diploma, Gyor, Hungary; Winner of Liszt





Prize, Gyor, Hungary; B.Mus. 1968;  
M.Mus. 1970, University of Missouri-  
Kansas City

**ROBERT WILLIAMS 1975**

Instructor in psychology

B.A. William Jewell College, 1972, MA,  
U.M.K.C. 1974

**MAX ZICKEFOOSE, 1972**

Instructor of guitar

BA, University of Illinois-Champaign;  
further graduate study, Conservatory of  
Music, Kansas City, Missouri

## **EMERITI FACULTY AND ADMINISTRATORS**

**BERNICE B. GONZALEZ**

Associate professor of modern  
languages, 1964-1974

**LYDIA LOVAN**

Associate professor of music,  
1946-1971

**HUBERT INMAN HESTER**

Professor of religion, 1926-1961  
Interim President, 1942-1943; Vice  
President, 1943-1961

**RUTH McDANIEL**

Professor of modern languages,  
1942-1970

**E.W. HOLZAPFEL**

Vice President of student affairs,  
1947-1970  
Acting President, 1969-70

**ULMA ROACH PUGH**

Professor of history, 1929-1966

**THURSTON F. ISLEY**

Professor of education 1930-  
1971

**VIRGINIA D. RICE**

Associate professor of communi-  
cation, 1930-1975

**D. VERN LaFRENZ**

Associate professor of mathema-  
tics, 1945-1969

**OLIVE E. THOMAS**

Associate professor of biology,  
1936-1974

## **CLINICAL ACADEMIC APPOINTMENTS**

**SYLVIA A. AMBORN, 1975**

B.S.N., 1971; M.S.N., 1975, University of  
Kansas

**SHIRLEY J. SLEEKER, 1974**

B.S.N., 1969, Ohio State University; M.N.,  
1972, University of Kansas

**SUE POPKESS, 1973**

B.S.N., 1970; M.S.N., 1973, University of  
Kansas

## STANDING COMMITTEES, 1975-76

ACADEMIC CALENDAR — Kingsley (Chm.), Brown, Hamilton, Lambert, Newton, B. Thomson, Student: Denny Fowler.

ACADEMIC CEREMONIES — B. Thomson (Chm.), Field, Forbis, Newlon, Philpot, D. Rice, Valentine, Student: Debra Todd.

ADMISSIONS — B. Thomson (Chm.), Brose, Cuthbertson, Human, Lambert, Posey, Wicke, Wyatt, Student: Todd Owen.

ADVISORY PROGRAM — Cone (Chm.), Davidson, Edmiston, Hilton, Kingsley, Lambert, Student: Chris Minor.

ATHLETICS — Wagenknecht (Chm), Brown, Bruner, David, Hamilton, Patterson, Student: Terry Dykes.

BICENTENNIAL COMMITTEE — Cuthbertson, E. Johnson, Kingsley, Waller, L. Rukin, V. Field, Students: Collette King, Jan Evans, Bob Shoulders, Suzanne Matthews.

CAMPUS ORGANIZATIONS AND SPECIAL STUDENT EVENTS — Treadwell (Chm.), Harriman, Human, Lakin, Newton, Parker, Students: Dal Overton, Suzie Goertz.

CATALOG — B. Thomson (Chm.), Bowman, D. Johnson, Schultze, Waller, Wyatt.

CHRISTIAN CONCERN — Riddle (Chm.), Brooks, Holloway, Smock, Thoman, Students: Jim Landers, Paul Ingold.

COMMUNITY AND COLLEGE RELATIONS — Flanagan (Chm.), Engberg, D. Johnson, Kingsley, Knauss, Michel, Nelson, Posey, Wyatt, Student: Vicki Gebhart.

CONDUCT — Newton (Chm), Hamilton, Brown, Newlon, Philpot, Whaley, Students: Larry Dickerson, Buzz Willard, Ann Cuneio, Kit Truex.

CURRICULUM AND EDUCATIONAL POLICY — B. Thomson (Chm.), Adams, Apple, Bowman, Bruner, Dunham, Hilton, McKinney, Trotter, Watkins, Young, Student: Lin Midkiff.

EDUCATIONAL RECORD REVIEW — Treadwell, Cozad, D. Johnson, Newton, Sherrick, Stockton.

FACULTY REPRESENTATIVES ON STUDENT PUBLICATIONS — Bowman (Chm), Lam-

bert, Watkins, Students: Drew Luten, Kit Truex, Larry Dickerson.

FINANCIAL AIDS — Lambert (Chm.), Coffman, Dixon, Human, Moore, Treadwell, Valentine.

FINE ARTS — Harriman (Chm.), Forbis, D. Johnson, Matthews, Shannon, Thomas, B. Thomson, Treadwell, Turnage, Student: Bill Lewis.

HONORARY DEGREES & CITATIONS — Hilton (Chm.), Bowman, Bruner, Chiles, Field, B. Thomson, Trotter.

HONORS COUNCIL — Cozad (Chm.), Adams, Cuthbertson, Harris, Holloway, Philpot, Young, Student: Dennis Fowler.

INDEPENDENT AND OFF-CAMPUS STUDIES — Griffith (Chm.), Human, Kingsley, Lambert, Mathis, B. Thomson, Vera, Vreeman, Yowell, Student: Jeff Holcomb.

INSTRUCTIONAL IMPROVEMENT — Stockton (Chm.), Dixon, Minor, Moore, Newlon, Sherrick, Student: Virginia Young.

INTERDISCIPLINARY STUDIES — Kingsley (Chm), Brooks, Chatlos, Cone, Geilker, Macke, Minor, Shannon, Students: Chuck Rainbolt, Doug Brown.

LIBRARY — David (Chm.), Brown, Chatlos, Chiles, Hickman, J. Johnson, Knauss, Kingsley, Wagenknecht, Young, Students: Steve Krause, Fran Anderson.

PRE-MEDICAL — Wagenknecht (Chm), Brose, Dixon, Dunham, Lambert, Mathis.

REGISTRATION — Kingsley (Chm.), Cone, Gairrett, Hamilton, Treadwell, Valentine, Wyatt, Student: Kevin Baker.

SABBATICAL LEAVE — WILLARD (Chm.), Cuthbertson, Field, Franklin, Hilton, B. Thomson, Trotter, Turnage.

WHO'S WHO IN AMERICAN COLLEGES AND UNIVERSITIES — Lambert (Chm.), Bowman, Bruner, Chasteen, Chiles, Human, Lakin, Thoman, Treadwell, Trotter.

COMMITTEE ON COMMITTEES — Adams, Bowman, Davidson, Geilker, Griffith, Harris, J. Johnson, Mathis, Rice.

**CALENDAR 1975-76****First Semester, 1975**

Saturday, August 30 .....	Residence Halls Open
Sunday-Monday, Aug 31-Sept 1 .....	Freshman Orientation
Tuesday, September 2 .....	Registration
Wednesday, September 3 .....	Classes Begin
Tuesday, September 9 .....	Opening Convocation
Monday, September 15 .....	Close of Registration Changes
Saturday, October 18 .....	Homecoming
Saturday, November 1 .....	Parents' Weekend
Wednesday, November (Noon) 26 .....	Thanksgiving Holiday Begins
Sunday, November 30 .....	Dorms Open — Supper Served
Monday, December 1 .....	Classes Resume
Saturday-Thursday, December 13-18 .....	First Semester Final Exams
Friday, December 19 (Noon) .....	Christmas Holiday Begins

**Winterim, 1976**

Monday, January 5 .....	Winterim Begins
Friday, January 23 .....	Winterim Ends

**Second Semester, 1976**

Sunday, January 25 .....	Registration (2:00-5:00 p.m.)
Monday, January 26 .....	Registration
Tuesday, January 27 .....	Classes Begin
Friday, February 6 .....	Final Date for Registration Changes
Thursday, Friday, Saturday, February 12,13,14 .....	Tatler Revue
Monday, March 15 .....	Spring Vacation Begins
Sunday, March 21 .....	Residence Halls Open — Supper Served
Monday, March 22 .....	Classes Resume
Tuesday-Friday, May 11-14 .....	Second Semester Final Exams
Saturday, May 15 .....	Alumni Day
Sunday, May 16 .....	Baccalaureate Service Commencement

**Summer School — 1976**

Monday, May 31 .....	Summer School Registration
Tuesday, June 1 .....	Classes Begin
Friday, July 23 .....	Summer School Ends

**CALENDAR FOR 1976-77**

**First Semester 1976**

Saturday.....	Aug. 28 .....	Residence Halls Open
Sunday-Tuesday.....	Aug. 29-31.....	Freshman Orientation
Tuesday .....	Aug. 31.....	Registration
Wednesday.....	Sept. 1.....	Classes Begin
Saturday-Thursday.....	Dec. 11-16.....	Final Exams
Friday .....	Dec. 17.....	Christmas Holiday begins

## A PURPOSE

William Jewell College has long been known as the "Campus of Achievement". By encouraging academic excellence, spiritual commitment, and social concern, the college strives to equip the student to achieve throughout life his greatest potential in every area of his experience. Thus, William Jewell College is committed:

*To provide a sound liberal arts education of superior quality.* As a respected institution of higher learning William Jewell College endeavors to provide a breadth of stimulating intellectual experience which challenges the individual to become a unique person, self-disciplined and scholarly, yet responsive and sensitive to the needs of his society. In its pursuit of the liberal arts and sciences, the college focuses upon the individual student as a significant agent for change and for good in an uncertain time.

*To be an institution with unquestioned loyalty to the ideals of Christ, which includes a Christian philosophy*

*in teaching and in daily living on the campus.* The college aspires to be a community in which the Christian commitment of the members exemplifies the compatibility of sound scholarship and the Christian faith, and demonstrates its worthiness as a way of life. In keeping with this viewpoint the individual is challenged to develop a worthy code of conduct for his life which should inspire him to meaningful involvement with his fellow man.

*To cooperate thoroughly with the Missouri Baptist Convention to offer the finest Christian education possible.* As a church-related institution, William Jewell College, founded in 1849 by the Baptists of Missouri who have continued to provide financial support, aims to serve the denomination and to emphasize the best in its Baptist heritage. The college helps train leaders, both professional and non-professional, for the denomination and seeks new methods of communicating the Christian faith to each generation.