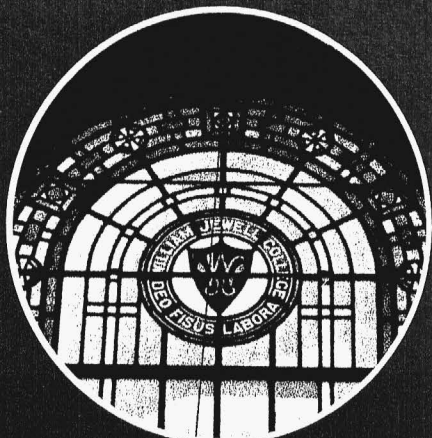


william jewell college



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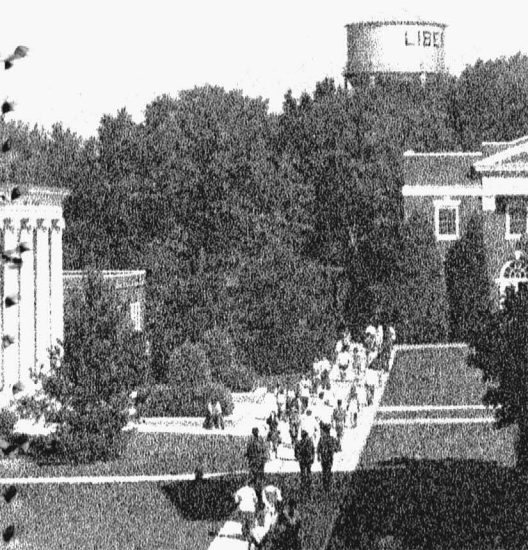


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Dr. Thomas S. Field, President and Mrs. Field



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 the students of each successive generation.

For 124 years William Jewell College has introduced to her students learning as a viable way of life. Through exploration of man's spiritual dimension and by stimulation of his intellectual capacities, the college has graduated committed Christian young people who in turn have manifested 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 the interplay of different viewpoints that serve to 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 capable of making life one of meaningful involvement, tempered with critical and independent judgments that reflect personal and social responsibility, as well as academic and intellectual excellence.

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 contemporary society . . . a way of life!

THE BEGINNING ...

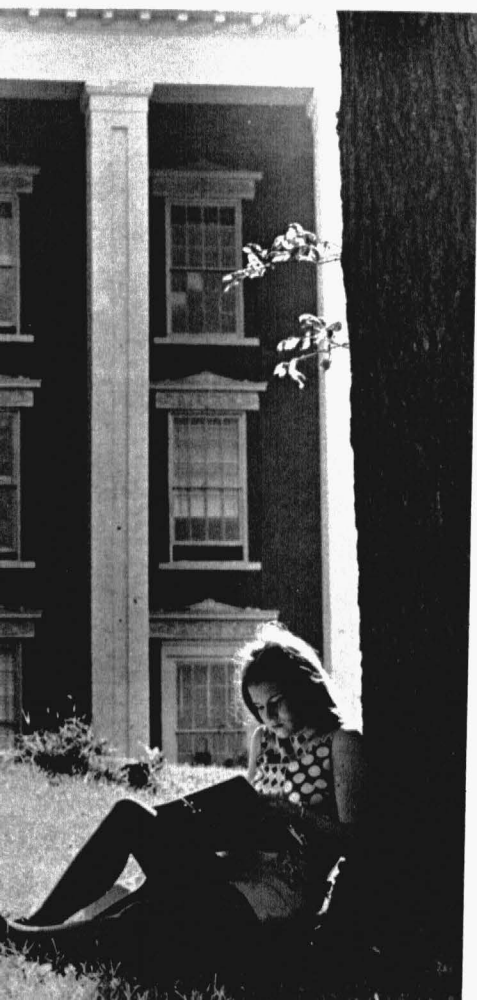
In 1849 the lands west of the State of Missouri were owned by the Indian Nations. Encamped at the confluence of the Missouri and Kaw rivers were the Shawnee Tribe. In twelve years this land of the Shawnee and the Osage would form the State of Kansas and precipitate a Civil War.

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, physician 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. 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.

This academic year continues a transitional period. Some elements of the new curriculum will be implemented; others will be in planning stages for inauguration in the 1974-75 session. Students who are on campus during this year will therefore have opportunity to shape some of the programs as they take their final form.



THE LIBRARY ...

As the library plays a vital role in a liberal arts curriculum, 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.

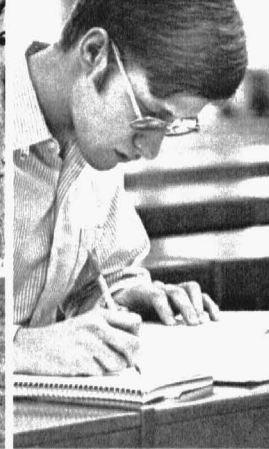
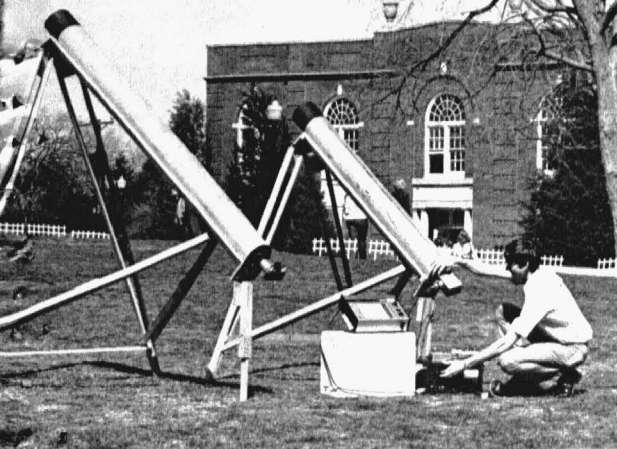
A staff of professional librarians instruct in the use of this thoroughly equipped and magnificent library.

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." Balthasar Hubmaier was the great Anabaptist reformer. The Missouri Baptist Historical Society's collection of thousands of Baptist minutes and other important historical material is serviced and maintained by the Special Collection Department of the William Jewell library.

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.

All students have access to other great libraries existing in the Kansas City area, which provide a wealth of supplementary resources to our students.







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

Once the new program of "Education for Individual Achievement" is put into full effect (some aspects of the program are being implemented

this year), the student will see a remarkably fresh approach to education on the William Jewell campus. It will 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.

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 co-operation with the Personal Advisory Committee and the professor directing the study.

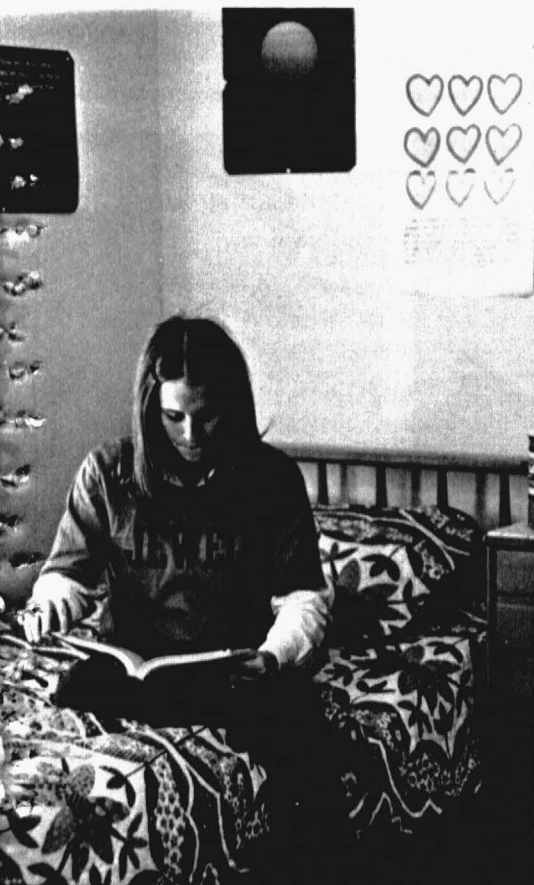
The amount of available knowledge is expanding so rapidly that it is very important for a student to learn how to gather information on his own. Rapid social change and the prospects of even more accelerated levels of vocational and societal mobility also make independent study an important part of any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

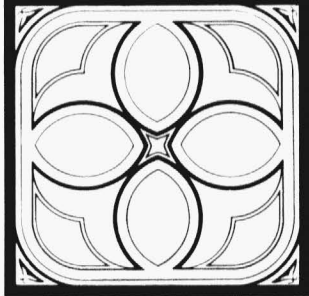
A student may do independent study within a traditional academic department or under the auspices of the Independent Study Committee. Independent study may take place on or off campus. The summer and the January Winterim are ideal times for short-range independent projects.

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. The first group of William Jewell Scholars will be studying in the 1973-74 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 classwork 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 COSWAP (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 of Oxford University, permitting two or three William Jewell students to study at Oxford each year. Details are available from the Associate Dean of the College.

Harlaxton Study Centre, 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 Study Centre

has working relationships with the Universities of Nottingham and Leicester nearby.



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, as designated by the Personal Advisory Committee and the department(s) in the area of concentration*

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, 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.

*This is a broadening of a long-standing language requirement at William Jewell which asked proficiency commensurate with twelve semester hours of work in one foreign language. This General Education requirement is now linked with the student's area of primary academic interest and personal goals. The "language proficiency" remains at twelve hours but may now include such tools as computer languages or statistical methods, subject to approval of the Personal Advisory Committee and concerned departments.

If a student is demonstrating proficiency in a language, a placement test is required. A student who presents two units of high school language on admission and passes the placement test may satisfy the proficiency requirement by completing four semester hours of work in the same language in courses above the elementary level, provided this is compatible with his educational goals.

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, 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.

Program in Interdisciplinary Studies. The faculty has approved a pilot program in Interdisciplinary Studies which will meet many of the General Education requirements for the students involved. This program is in planning stages.

ADVANCED PLACEMENT AND CREDIT

William Jewell College offers advanced placement in co-operation 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 is also granted through the CLEP examination program and through departmental examinations. The college imposes no limit on the amount of credit a student may earn by "testing out," although one year of residency is required for a degree from William Jewell



College. Credit earned by examination is recorded on the student's transcript without 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. However, a student who has completed in William Jewell College the required work for graduation may, with the advance approval of the dean, finish the work for the Bachelor's degree by one year of satisfactory work done in a professional school of recognized standing. This privilege is granted only to students of high scholastic ability, or to those having no more than a normal year's work to complete for graduation.
9. 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.
10. 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.

No student may receive credit for correspondence or extension work while enrolled at William Jewell College, nor will correspondence or extension credit be accepted by transfer from a student which he has taken while enrolled in another institution.

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 student 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, co-operative 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.



PREPARATION FOR SPECIAL FIELDS

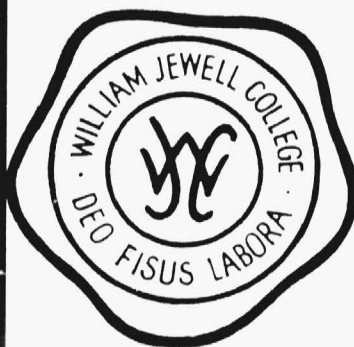
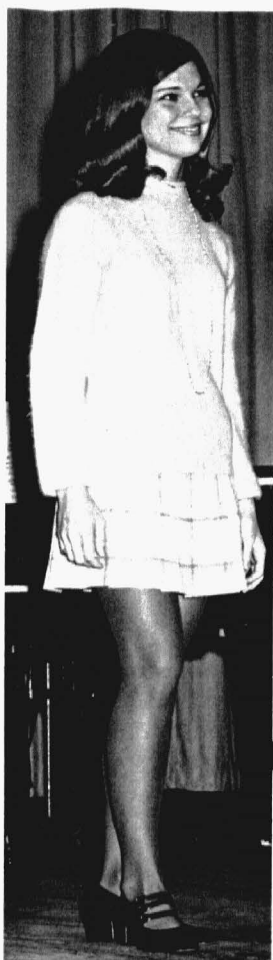
William Jewell College is committed to a liberal arts education. The College recognizes the fact, however, that some students will wish to select courses with a view to preparation for some special field or profession. For these persons, some suggestions are offered in the following paragraphs:

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 economics 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 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 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, or the University of Missouri at Columbia, or Rolla.

FRESHMAN

<i>1st Semester</i>	<i>Hrs.</i>	<i>Second Semester</i>	<i>Hrs.</i>
Chemistry 101	4	Chemistry 102	4
Mathematics 199	4	Mathematics 200	4
English 100	4	Communication 100	4
Engineering Drawing 105	2	Descriptive Theory 204	2
Physical Education 100	2	American History	4
	<u>16</u>		<u>18</u>

SOPHOMORE

Mathematics 201	4	Physics 332	3
Physics 213	5	Physics 214	5
Foreign Language	4	Foreign Language	4
Religion	4	Humanities	4
	<u>17</u>		<u>16</u>

Continued

JUNIOR

Physics 443	4	Mathematics 330	4
Physics 316-317	4	Physics 322-323	4
Social Science	4	Literature	4
Humanities	4	Social Science	4
	<hr/> 16		<hr/> 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.

By special invitation, the faculty of William Jewell College is authorized to nominate an outstanding pre-legal student each year for a full tuition scholarship in the School of Law at Washington University in St. Louis. For information, interested persons should consult the dean of the college.

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 semester hours; physics, 8 semester hours; English, 6 to 10 semester hours. The remaining courses should be selected from the humanities or social sciences: Latin, 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.

NURSING

The philosophy of man which serves as the foundation for the conceptual and practical framework of the Department of Nursing Education is firmly based on the belief that man is a biosocial, emotional and spiritual being, and that the well-being of the whole person is dependent upon a balance of these factors. Man has inestimable dignity and worth and the potential to accept the 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 a professional, the nurse must recognize the importance of respecting each individual as a human being with dignity and rights. The nurse must be concerned with the meeting of fundamental needs of the individual through human interaction. Nursing promotes the pursuit of high level wellness and provides care for the individual during illness. As the individual's condition improves, he is assisted and encouraged to resume the management of his own affairs. A major goal of nursing intervention is allowing the individual to 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 the collegiate prepared nurse by virtue of a broad background in arts, behavioral, and physical sciences, has the unique ability to provide a high level of health promotion and maintenance in the community. A goal of our department

of nursing education consists of an on-going effort by the faculty to participate in the changing developments which affect nursing practice and education. This goal helps the faculty to prepare the students to deal with changes as they occur and to be instrumental in affecting change. The faculty is also committed to the goal of creating with the students an environment that will encourage analytic thinking through the problem solving approach. In this atmosphere where optimum personal and professional growth can occur, there will be an attitude of mutual respect for excellence of performance among all responsible for its implementation.

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.

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

- 1) recognizes that man is a complex being influenced by his total environment.
- 2) utilizes concepts and principles derived from a sound academic and experiential background to plan, implement and evaluate nursing intervention to all age groups in a multiplicity of settings.
- 3) 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.
- 4) modifies nursing practices in keeping with current developments in nursing and changes in society.
- 5) 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.
- 6) utilizes principles of leadership and human interaction in working effectively with health services personnel, individuals and families in planning, implementing and evaluating care.
- 7) assumes responsibility for self-direction in the pursuit of professional and personal growth through continuing education and self-evaluation.
- 8) recognizes and accepts responsibility for her/his 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 eligible 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.

To have an application considered in April, the completed application must be filed with the Department by March 1. The applicant needs to have completed only one full semester 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 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**

<i>Freshman Fall Semester</i>	<i>Hrs.</i>	<i>Freshman Spring Semester</i>	<i>Hrs.</i>
Biology 107 H	4	*Chemistry 102	.5
English 100	4	Psychology 211	4
Religion	4	Communication 100	4
Sociology 211	4	Physical Education 100	2
	<u>16</u>		<u>15</u>

Continued

*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.

<i>Sophomore Fall Semester</i>	<i>Hrs.</i>	<i>Sophomore Spring Semester</i>	<i>Hrs.</i>
Biology 221	5	Biology 239	6
Physics 103	4	Sociology 326	4
Psychology 306	4	Nursing 300	6
History	<u>4</u>		<u>—</u>
	17		16
<i>Junior Fall Semester</i>	<i>Hrs.</i>	<i>Junior Spring Semester</i>	<i>Hrs.</i>
Nursing 301	10	Nursing 302	8
Biology 307	2	Education 305	4
Chemistry 305	<u>4</u>	Math 216	<u>4</u>
	16		16
<i>Senior Fall Semester</i>	<i>Hrs.</i>	<i>Senior Spring Semester</i>	<i>Hrs.</i>
Nursing 401	8	Nursing 402	12
Elective	4	Elective (Humanity)	4
Elective (Literature)	<u>4</u>		<u>—</u>
	16		16

**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 12 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.

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.

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:

- I. 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 science, 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)	8 hours

28 hours

4. Recommended areas of major concentration are

Communication

Philosophy

English

Psychology

History

Religion

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.





Student Life

LEARNING WHILE LIVING

Expanding students' horizons, adding broadened dimensions to their viewpoint, and enriching their personality is a vital role 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 *italics* are national societies.

Aeons (senior honorary for men)

Alpha Delta Pi

Alpha Gamma Delta

Alpha Lambda Delta (freshman women's honorary)

Alpha Phi Omega (former Boy Scouts)

Alpha Psi Omega (dramatics)

American Chemical Society student affiliate

Black Student Association

Beta Beta Beta (biology)

Big Sister Council

Cardinelles

Christian Student Union

Church Music Conference
Church Related Vocations
Organizations
College Union Activities
Delta Zeta

Independent Society
Interfraternity Council
"J" Club (athletic lettermen)
Judiciary Council
Kappa Alpha Order
Kappa Mu Epsilon (mathematics)

Lambda Chi Alpha
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)
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)
Student National Education
Association
William Jewell Players
Women's Athletic Association
Young Democrats
Young Republicans
Young Women's Auxiliary
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, Madame 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 of 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 and Mexico. It is composed of thirty-two voices selected by audition. Confronters, the Chapel Choir, Concert Band, the Symphonic Wind Ensemble, Little Symphony, 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.

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 Athletic 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 conference sports activities. Intercollegiate competition for women is offered in basketball, volleyball, swimming, tennis and soccer.

In addition, a strong program of Intramural Men 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.

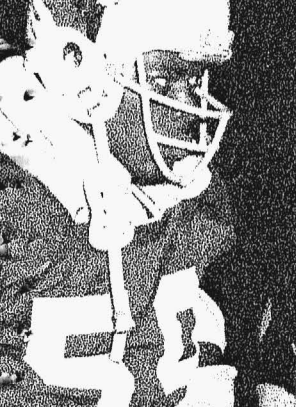
RESIDENCE HALLS

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 a 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. 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 credit 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.

Without an overall C average, only credits on which a C or better has been awarded is acceptable.

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

	One Semester	Nine Months
<i>General Fees</i>		
Tuition and Fees	\$ 737.50	\$1,475.00
Room	187.50	375.00
Board	<u>300.00</u>	<u>600.00</u>
Total	\$1,225.00	\$2,450.00

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 payments 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

(This fee is not retained by the college, but dispersed to supervisory public school certified by the teacher and college)

Graduation fee, seniors only, payable at time of fall registration..... \$15

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

Uncollectable checks \$ 5

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	\$ 36
two lessons per week	\$ 72

Non-music majors:

one lesson per week	\$ 60
two lessons per week	\$120

Special students: one lesson per week.....	\$ 60
Voice class.....	\$ 12
Piano class.....	\$ 12



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" during the student's tenure at William Jewell College. If no damage is assessed, this 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 or transcripts; room, board and other privileges may be suspended as a result of unsatisfactory student accounts.

REGISTRATION

Students may register at the beginning 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 listed on page 139 of 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.

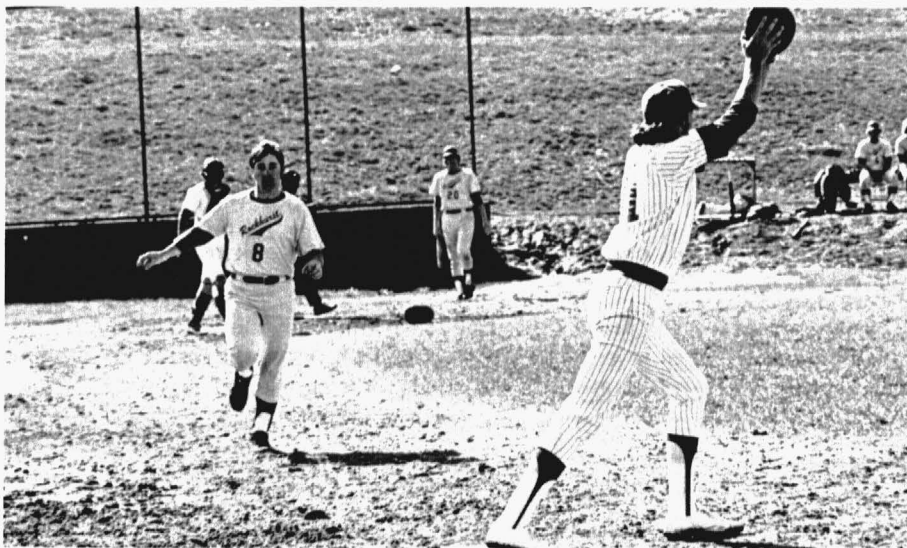
Unless a demonstrated error has been made in the student's advisory program, all changes in courses are assessed a charge of \$5 for each change in schedule after registration.

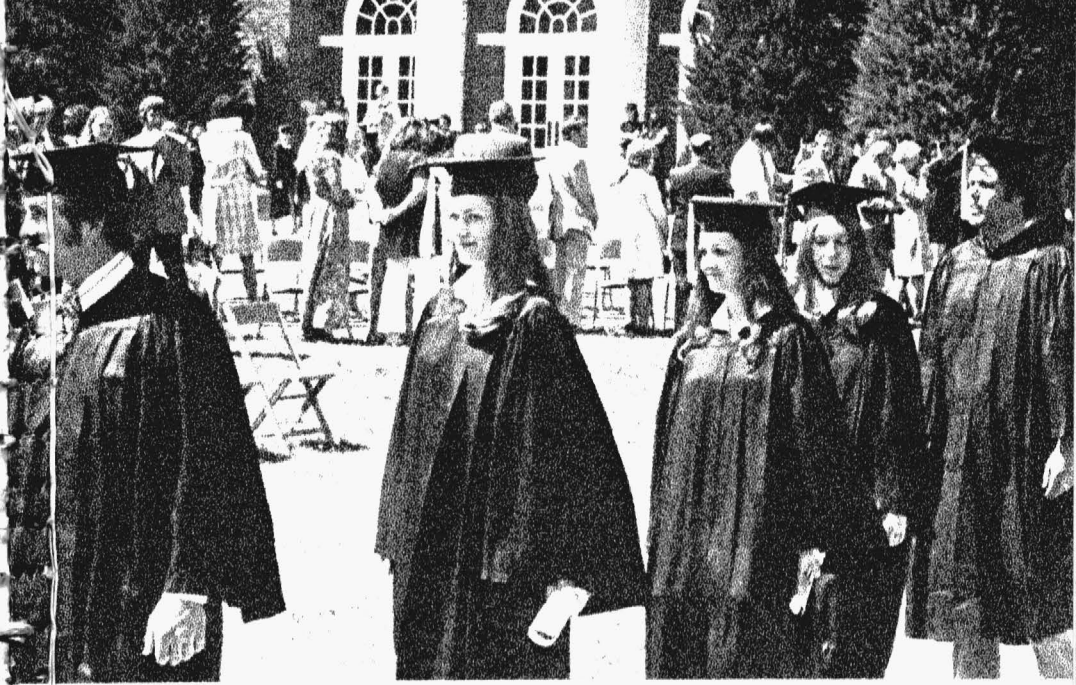
The dropping of a course without the approval of the dean will carry an automatic penalty of an F grade in the course.

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

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 chapel, 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 Scholarship 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	3,925.00
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.....	1,000.00
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
Nelson E. McCoy (ministerial).....	10,000.00
Rella Gibbs McCrary 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 (Clay 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
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

ENDOWMENT FUND DONORS:

Memorials include: William W. Adams; Samuel J. Brown Memorial; James M. Browning; George S. Bryant; Margaret Elizabeth Bryant; Pauline Bryant; 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 providing 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 preceding year.

The Carrie Hieronymous Scholarship

The Ida Coffman Education Scholarship Fund

The Alumni Artist Scholarship Fund



The William C. Nelson Memorial Scholarship Fund

The National Commercial Bank — Russell H. Stocksdales Scholarship Award

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 Scholarship

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.

LOAN FUNDS

Loans to students may be granted only if application is made to the Office of Student Affairs on or before August 15 or December 15.

These loan funds include the National Direct Student Loan Program, and the American Banking Association — United Student Aid Fund, and others.

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 the 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 of \$200 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 of \$100 is given to the outstanding athlete of the year.

The Marion E. Bratcher Award of \$25, 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.

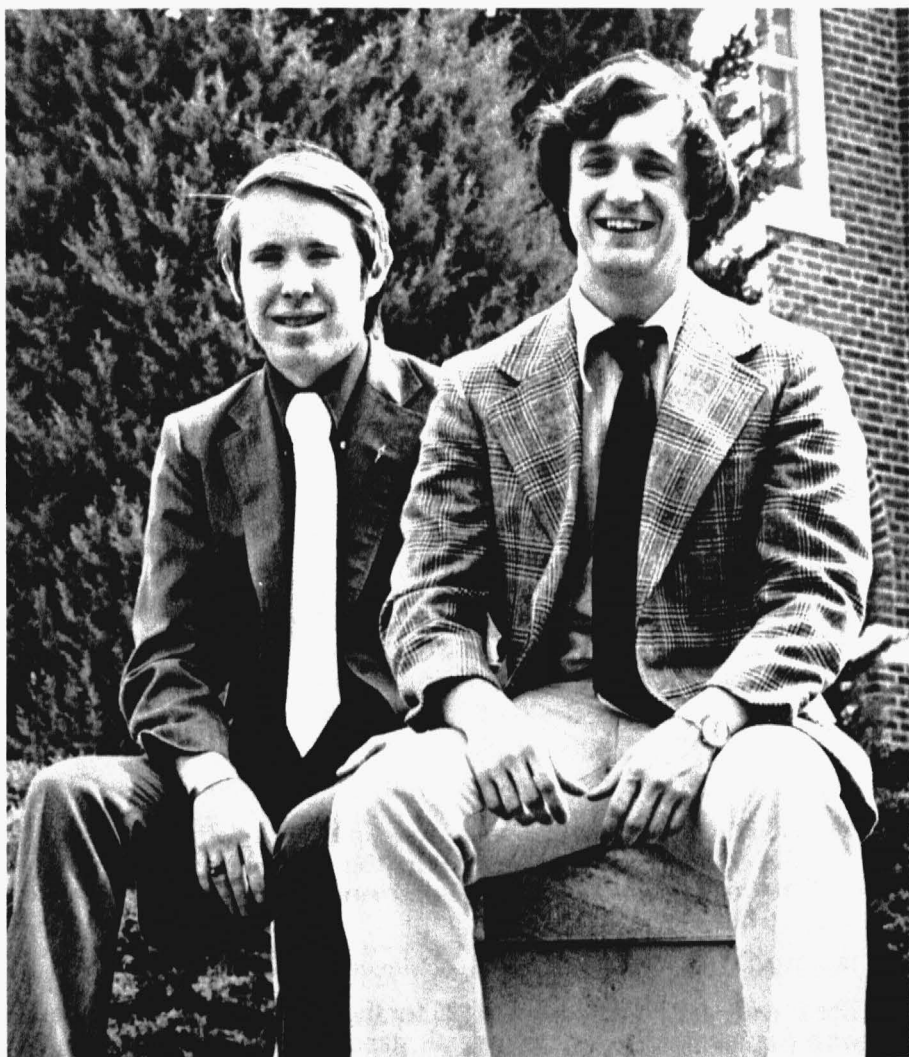
The Wall Street Journal Student Achievement Award

The David Alan Duce Award of \$25 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 spring honors convocation.





Credits, Evaluation and Grades

GRADING, EXAMINATIONS AND GRADE POINTS

1. Grades are expressed by the letters A, B, C, D, F and W. 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+, 13 grade points per credit hour; A, 12 grade points per credit hour; A-, 11 grade points per credit hour; B+, 10 grade points per credit hour; B, 9 grade points per credit hour; B-, 8 grade points per credit hour; C+, 7 grade points per credit hour; C, 6 grade points per credit hour; C-, 5 grade points per credit hour; D+, 4 grade points per credit hour; D, 3 grade points per credit hour; D-, 2 grade points 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 six times the number of hours attempted (or an average of C).

3. The college reports grade point averages on this thirteen-point scale and does not reduce it to the conventional four-point scale. Students may make such a reduction for their own information, of course, and graduate

and professional schools will make their own transposition on the basis of grades earned by the student.

4. The semester grade is made up by the grade for class work and the final examination. No second examinations are permitted because of failures, except that in the senior year a senior may be granted one re-examination as a senior privilege.

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 six times as many grade points as the total number of hours for which he is registered.

Students whose overall academic average is below 6.0 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 4.5 at the end of his second semester;

A grade point ratio of 5.25 at the end of his fourth semester; and

A grade point ratio of 6.0 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.

Two Evaluation and Advisory Days will be scheduled in each term, one in the fifth week and another in the tenth. These days will be used for scheduled conferences with students, in groups and as individuals, for discussion of performance in classwork and for academic advising.

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 10.5.

A student who completes the work for the degree with as many as 11.5 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 10.5 and 11.5 is graduated *Magna Cum Laude*, and this is cited with the degree.

GRADUATION WITH HONORS

The student who wants an added challenge of academic excellence may seek grad" 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 not be included in computing the grade-point average, but credit earned will apply toward graduation.

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.

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.

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 specialty. 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 affect 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.

ART

Major: 36 hours, Specifically including Art 250, 251, (or their equivalents) Art 325, Art 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. Offered '74-75. 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. Offered '74-75. | |
| 310. | Printmaking: Silk Screen. | 2 cr. hrs. |
| | Basic techniques and experiments. Prerequisite: Art 125 or consent of instructor. First semester, alternate years. Offered '73-74. | |
| 311. | Printmaking: Woodcut. | 2 cr. hrs. |
| | Basic techniques and experiments. Prerequisite: Art 125 or consent of instructor. Second semester, alternate years. Offered '73-74. | |
| 325. | Drawing and Painting. | 4 cr. hrs. |
| | Advanced painting; Illustration. Prerequisite: Art 225. Second semester. | |
| 349, 350, 449, 450. | Special Problems: | 2 cr. hrs. |
| | 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 numbered 200 or more. 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. Second 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 mechanisms 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.
- 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 biology. 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.
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.
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.

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. First 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 and one 3-hour laboratory period per week for Chemistry 101. Three lectures 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 of 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 emphasized strongly. Prerequisite: Chemistry 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 and two 3-hour laboratory periods per week.

306. Advanced Analytical Chemistry. 4 cr. hrs.
Instrumentation and interpretation of data obtained through the use of instruments in the areas of spectroscopy, electrochemistry, chromatography and nuclear magnetic resonance, 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 period 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.

PHARMACOLOGY

305. Pharmacology. 4 cr. hrs.
A study of the mechanisms of action, usual dosage and route of administration, and symptoms of toxicity of the major classes of drugs. Prerequisite: Chemistry 102.

COMMUNICATION

Major: A minimum of 28 hours in courses numbered 200 or above, selected with advisor's approval according to the area of concentration.

Courses 204 and 402 are required of all majors. Courses 201, 205, 207, 225, 325 and 341 are needed for prospective speech teachers.

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.
- 100A. Communication Theory and Practice — Accelerated. 4 cr. hrs.
A fundamentals course designed for students with extensive background in speech training or practical experience. Fulfills requirement for graduation. Admission by consent of the department. Offered each semester.
201. Argumentation and Debate. 4 cr. hrs.
The fundamentals of argumentative speech, analysis, outlining, evidence, and use of reasoning. Examination of issues about debate. Recommended for debaters, pre-law, and church-related vocation students. Fulfills requirement for graduation with consent of department. First semester.
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.
225. 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.
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.
205. 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.

207. 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.
306. Theatre III: Technical Theatre. 4 cr. hrs.
Theory and practice in design and construction of stage scenery, lighting, costume, and stage makeup. Emphasis on the needs of the public school teacher. Second semester.
308. Theatre IV: 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.
325. 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.
341. 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. Useful for prospective elementary teachers. Second semester.
342. 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.
401. Communication Activities. 1-4 cr. hrs.
Designed for special activities and independent study. Credit may be obtained in forensics, theatre, interpretation, 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, 201, 202, 302, and Business Administration 211, 216, and 326. Economics majors may count toward graduation not more than 46 hours from both Economics and Business Administration.

A note concerning mathematics: When economics is taken as preparation for graduate work in business or economics it should be preceded or accompanied by as much mathematics as possible. A casual examination of economic journals will quickly convince the student that economists use mathematics extensively in communicating with one another and working with economic problems. Widespread use of computers and increasing emphasis on linear and non-linear programming, operations research, and other quantitative methods make it essential that students in this area provide themselves with as much mathematics as possible.

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| 105. | Principles of Economics. | 4 cr. hrs. |
| | Description of institutions and analysis of operation of the system of production and distribution, the Federal Reserve System, national income, fiscal and monetary policy. The prices of factors and products, international trade and finance, current economic problems. Each semester and summer session. | |
| 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 105, which is prerequisite. First semester. | |
| 202. | Macroeconomics (National Income, Activity, and Employment). | 4 cr. hrs. |
| | National income and product accounting, the level of economic activity, fiscal and monetary theory and policy. Prerequisite: Economics 105. Second semester. | |
| 302. | Money and Banking and International Economics. | 4 cr. hrs. |
| | History and structure of the banking system, objectives and instruments of monetary policy, current monetary issues, introduction to international trade and finance. Prerequisite: Economics 105. Second semester. | |
| 318. | Public Finance. | 4 cr. hrs. |
| | The American tax system as it affects employment, economic efficiency, distributional equity, and economic growth. Prerequisite: Economics 105 or consent of instructor. Seven weeks followed by Economics 342. First semester, alternate years. Offered 1972-73. | |

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.	2 or 4 hrs.
265, 365, & 465.	Individual readings.	2 or 4 hrs.
251, 351, & 451.	Seminars in Business and Economics.	2 or 4 hrs.
280, 380, & 480.	Independent and off-campus research.	2 or 4 hrs.

BUSINESS ADMINISTRATION

Major, Bachelor of Arts degree: At least 24 hours, including Economics 105 and Business Administration 211, 212, 216, and 326. 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, including the courses listed above under Bachelor or Arts degree are usually expected to be completed by all candidates. However, individual programs may be adjusted to meet particular objectives in consultation with the department head.

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 this lifetime. Mastery of German, French, or Spanish would give a unique entree into such situations. Since few Business Administration students anywhere in the United States seem to be aware of this, the demand for this kind of training will exceed the supply for many years to come.

BUSINESS ADMINISTRATION — GENERAL

216.	Elementary Statistics for Social Sciences. (See Mathematics 216 for description.) Each semester.	4 cr. hrs.
231.	Business Law. Contracts, agency, employment, negotiable instruments, corporations, partnerships, sales, bailments, real and personal property. Each semester.	4 cr. hrs.
301.	Business Organization and Personnel Administration. Organization, structure, process, principles — personnel administration beginning with recruitment; examining man in his work environment in its sociological, psychological, and behavioral implications. First semester.	4 cr. hrs.

311. **Marketing.** 4 cr. hrs.
A study of the institutions, channels, and functions involved in the distribution of goods. First semester.
312. **Finance and Investments.** 4 cr. hrs.
Financial instruments and institutions, initiating corporations, mergers and other combinations, receivership and dissolution. Selection of securities, investment timing, market operation, portfolio supervision. Second semester.
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.

BUSINESS ADMINISTRATION — ACCOUNTING

211. **Financial Accounting.** 4 cr. hrs.
The measurement of financial information, accounting, and economic transactions, the accounting cycle and preparation of statements, notes and interest, compound interest and accounting for intercorporate investments, analysis of financial statements. First semester.
212. **Managerial Accounting.** 4 cr. hrs.
Organization for planning and control, systems of cost accumulation, comprehensive budgeting, measuring and reporting performance, income taxes and decisions, accounting and budgeting in non-profit organizations, reporting the effects of price changes, common dollar accounting. Second semester.
322. **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: 211 and 212. Second semester. Alternate years. 1972-73.
331. **Intermediate Accounting.** 4 cr. hrs.
Theory, financial statements, temporary investments, receivables, inventories, current liabilities, issuance and retirement of stocks and bonds, non-current assets and liabilities, stockholders' equity, financial statement analysis, funds-flow. Prerequisite: 211 and 212. First semester.
333. **Advanced Accounting.** 4 cr. hrs.
Accounting for partnerships, joint ventures, installment-sales, consignments, home office and branches; consolidated statements. Prerequisite: 211 and 212. Second semester.
335. **Auditing.** 4 cr. hrs.
Examination of financial condition and accounting procedures by public accountants and internal auditors; professional ethics; auditing standards; working papers and reports. Second semester, alternate years. 1973-74.
336. **Income Tax Procedures.** 4 cr. hrs.
Laws and regulations, determination of taxable income, deductions, exclusions, making and filing returns. Prerequisite: 211 and 212. Second semester.

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 subjects 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	<u>8</u> 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

<i>ART</i>	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	<u>2</u>	<u>2</u>
Total	30	21
 <i>ENGLISH</i>	 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	<u>30</u>	<u>21</u>

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 hours plus 2 or more high school units in a foreign language.

MATHEMATICS

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

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., String, 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. ½ to be choral techniques)	8	4
e.	Elective Music credit	10	6
f.	Music for Elementary Grades	<u>2</u>	<u>2</u>
	Total	36	24
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. ½ 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	<u>2</u>	<u>2</u>
	Total	40	28
(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	<u>2</u>	<u>2</u>
Total	30	21

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

SOCIAL STUDIES

	Grades	Grades
	7-12	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	<u>0-10</u>	<u>2</u>
Total	40	21

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 enrollment 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 7.5 average in each field in order to qualify for student teaching and recommendation for certification.

Before March 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.

By the end of the sophomore year, elementary education majors are expected to have earned a grade point ratio of 7.5 or higher in all courses taken in the education department and a 6.6 overall accumulative average. (In cases which are demonstrably exceptional and in which slightly lower grade standing is favorably balanced by other important considerations, slight exceptions may be made by the committee on teacher training.)

Students must apply in writing to Professor Lutie Chiles, Director of Elementary Education, during the second semester of their junior year for approval to enroll in student teaching. The committee on student teaching authorizes approval of such students whom it finds suitable on the basis of grades, test scores, health examination, emotional maturity, and evaluation by teachers.

*The committee on professional teacher education consists of the following: dean of the college, dean of student 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 7.5 in all work taken in their major field and a 6.6 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. Must have recommendation of designated official for teacher education in the college or university.

II. ELEMENTARY CERTIFICATE REQUIREMENTS (Semester Hours)

Semester Hours *Language Arts*

Composition, Rhetoric
& Grammar.....5
Children's Literature.....2
Elective English or
Speech credit.....5

Social Studies

American History5
U.S. or State Government.....2
Geography.....2
Elective Social Studies
credit3

Mathematics

Math for Elementary Grades2
*Elective Mathematics
credit (ordinarily two courses) 5

Art and Music

Art for Elementary Grades2
Music for Elementary
Grades2
Elective Art and/or
Music credit2

Science

Biological and Physical
or Earth Science (to
include laboratory or
field work in at least
one Science area)12

Semester Hours *Health and Physical Education*

Health or Hygiene2
Physical Education for
Elementary Grades.....2

Education

*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

— ½ 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

TWO-YEAR ELEMENTARY CERTIFICATE

Person must have baccalaureate degree from a college or university offering a definite program in elementary education.

Person must have at least 5 hours required professional education.

Elementary deficiencies, including professional education deficiencies, may not total more than 24 semester hours.

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 1st or 2nd semester.
Suggested for 2nd semester Freshmen or Sophomores.
226. Physical Education for Elementary Schools 2 cr. hrs.
See: Physical Education 226 for description.
- 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.
307. Teaching of Reading in the Junior and Senior High School. 2 cr. hrs.
A study of the factors involved in the reading process, and basic skills and techniques of teaching reading in the junior and senior high school.
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 relationships. 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.
312. Science for Elementary Teachers. 2 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 1973-74.
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. Methods of Teaching Social Studies. 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 immediately preceding the student teaching experience. Prerequisites: Education 310 and senior standing.
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 1973-74.

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 English. First semester.
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.** 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 1972-73.
358. **Methods of Art.** 2 cr. hrs.
The methods and teaching of art on the secondary level. Second semester.
381. **Music Methods.** 4 cr. hrs.
Materials, methods and techniques for the vocal music program 1-12 and the instrumental program 7-12.
- 393-394. **Methods in Physical Education.**
(See course description under Physical Education 393-394.)
- B400. **Special Methods of Teaching Art and Music for Elementary School Teachers.** 4 cr. hrs.
Study of the objectives, materials, curricula and methods of teaching art and music. First and second semesters.
- B401. **Special Methods of Teaching Arithmetic for Elementary School Teachers.** 2 cr. hrs.
A study of the developmental sequence of arithmetic in the elementary school with concentration on meaningful teaching of fundamental processes. The history and study of number systems is included. Second semester.
- 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 the 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, and testing and 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, (5th hour of the five (5) hour mathematics requirement), etc. First and second semester.

ENGLISH AND FILM

THE JOHN PHELPS FRUIT DEPARTMENT OF ENGLISH

ENGLISH

English courses for all students: English 100, Freshman Composition 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 already are able and well-prepared may take department-devised exams which rigorously demand their demonstration of competency in writing and in research skills; those who pass such exams may be given advanced placement.

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*. 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 at ten 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). 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 on 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 both semesters.
- 200* Studies in Literature. 4 cr. hrs.
A literary study especially designed for non-English majors and for fulfilling the literature requirement for graduation. Multiple sections offered each semester. Various specified sections will be stipulated (examples: The last

100 years of American Literature; Contemporary Continental Literature; Themes in 20th Century Fiction).

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 both semesters.
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.
- 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.
302. Language II. 4 cr. hrs.
Continuation of the study of the student's own language, especially emphasizing the relation of person to language through a study of comparative language, dialectology, and semantics.
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.
- 320* Studies in a Literary Mode or Perspective. 4 cr. hrs.
A study of works having common attributes, such as the heroic, the tragic, the comic, or having a common mood, manner of expression, or style, such as is termed classicism, romanticism, realism, naturalism, surrealism, expressionism, impressionism, or symbolism. Affords opportunity to explore a way of shaping experience by means of a prevailing vision of life. Fulfills the literature requirement for graduation.
- 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. Literary History. 4 cr. hrs.
A survey of the development of literature from the beginnings to the present and inclusive of the traditions of folk, ancient, continental, English, third-world, and American literatures.
- 410* Studies in a Literary Period. 4 cr. hrs.
A presentation of literature as an expression of a particular time and milieu. Samples are: The English Renaissance, the Age of Victoria, Post-World War II American literature. Fulfills the literature requirement for graduation.
- 420* 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 student. 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. Possibilities:

- 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 with 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.

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 under-

standing 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 and second semesters.

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. First semester 1973-74, second semester 1974-75.
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 have shaped national life. 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 1974-75.
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. Second semester, alternate years. Offered 1974-75.
- 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. Offered second semester 1974-75.
312. Europe in the Middle Ages. 4 cr. hrs.
A study of European life between the fall of the ancient empires and the rise of the 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 first semester 1973-74.
313. Renaissance and Early Modern Europe to 1600. 4 cr. hrs.
A study of the Renaissance, the development of nation-states, the agricultural and commercial revolutions, the Reformation and the founding of the first European colonial empires. Alternate years. Offered first semester 1973-74.

314. Modern Europe in the Seventeenth and Eighteenth Centuries. 4 cr. hrs.
A comparative study of the major developments in Europe in these centuries. Alternate years. Offered second semester 1974.
315. Modern Europe in the 19th and 20th Centuries. 4 cr. hrs.
Alternate years. Offered first semester 1974-75.
320. 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 second semester 1974-75.
321. The Far East. 4 cr. hrs.
A brief survey of the most important developments in China, Japan, Indonesia, and the Philippines. Alternate years. Second semester 1974-75.
322. 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. This course counts as "American" history for majors. Alternate years. Offered fall of 1974-75.
- 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. Professor Rice will offer a senior seminar in the spring semester of 1973-74.

GEOGRAPHY

304. Geography. 4 cr. hrs.
A general survey of the geography of the world and the principles underlying geographic studies. Primary emphasis is on political and economic aspects of geography and presentation of the subject in public schools. First 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 requirement 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. Those who have completed the major and wish to do additional work in the language or those who wish to pursue a special interest may take:

- 411, 412. Special Studies. 1 to 3 cr. hrs.
Extensive directed study in an area of special interest to the student, with preparation and presentation of reports. Enrollment by consent of instructor. Offered either semester as needed.

French

- 111, 112. Elementary French. Each course-4 cr. hrs.
The essentials of grammar and pronunciation, practice in composition, conversation and reading.
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 in 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, 112. Elementary German. Each course-4 cr. hrs.
The essentials of grammar and pronunciation, practice in composition, conversation and reading.
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, 112. Elementary Spanish. Each course-4 cr. hrs.
The essentials of grammar and pronunciation, practice in composition, conversation and reading.
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 earliest times as a basis for understanding how the Spaniard looks at life. In depth consideration of the contributions of Spain 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: Thirty semester hours including 199, 200, 201 and at least 12 hours of courses 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.

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: 3 units of high school mathematics.
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: 3 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.
305. Mathematical Statistics. 4 cr. hrs.
An introduction to probability spaces, distribution and estimation theory including topics in single and multivariate statistical inferences. 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, systems of 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 theorems, 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 program 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 I: 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 understanding 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, 416 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.

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 in Brass and Percussion Instruments. 2 cr. hrs.
See: Education 336 for description.
381. 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
- 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 7.5 or who meet the approval of the department.
Offerings for 1973-74 are:

- 325A. Organ Pedagogy. 1 or 2 cr. hrs.
Techniques of service playing and study of literature appropriate to the worship service. Second semester.
- 325B. Vocal Repertoire. 1 or 2 cr. hrs.
Techniques of interpretation, pronunciation of (a) French Art songs, (b) German Lieder, (c) Church Music. First Semester.
- 325C. Opera Workshop. 1 or 2 cr. hrs.
Planning, staging, directing and participating in the annual opera production. Winterim.
- 325D. Piano Pedagogy. 1 or 2 cr. hrs.
Individual and class instruction in teaching methods/materials. Practical application through observation and supervised teaching.

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.

Harpichord 133-34; 233-34; In 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 1½ hours. Music is designed for a full string section and solo winds. Instrumental fulfillment for majors.

*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

300. Introduction to Nursing. 6 cr. hrs.
Introduction to fundamental concepts, skills and scientific principles of nursing commonly used in the care of patients. Emphasis is placed on assessment and maintenance of health. Introduction to the historical development of the profession of nursing. Prerequisite: Chemistry 102. Concurrent: Biology 239. Second semester.
301. Nursing Problems and Processes I. 10 cr. hrs.
Focuses on nursing management of pathophysiological problems which may interfere with normal developmental and daily living tasks and the pursuit of high-level wellness. Pharmacology, nutrition, and community health concepts are integrated. Continuity of care is emphasized. Learning opportunities are provided for nursing care of individuals at various developmental levels. Prerequisite: Nursing 300, Biology 221. First semester.
302. Nursing Problems and Processes II. 8 cr. hrs.
Continuation of Nursing 301, increasingly complex pathophysiological problems are presented. Emphasis is placed on complex data collection and decision making as related to nursing intervention. Prerequisite: Nursing 301, Biology 307, Chemistry 305. Second semester.
401. Nursing Problems and Processes III. 8 cr. hrs.
Experiences in maternity and mental health nursing. Family centered approach to care of the expectant mother and family members; including interpersonal relationships, prenatal, delivery, birth, post partum, newborn and infant. Integration of pharmacology, nutrition, and community health concepts. Introduction to contemporary concepts and theories in mental health nursing. Emphasis on promotion of mental health in the individual family and community. Prerequisite: Nursing 302. First Semester.
402. Nursing Problems and Processes IV. 12 cr. hrs.
Combined experiences in community health and leadership roles. 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. The leadership component focus on principles and concepts of patient care management. Emphasis will be on the nurses role as a team member/leader and will

encompass the planning, delegating, supervising and evaluating patient care using the problem oriented system. Prerequisite: Nursing 401. Second Semester.

PHILOSOPHY

THE W. D. JOHNSON DEPARTMENT OF PHILOSOPHY

Major: 24 semester hours.

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| 201. | Introduction to Philosophy.
An introductory study of the chief problems, methods, and values of philosophy. First semester. | 4 cr. hrs. |
| 202. | Ethics.
A study of the major theories of value, obligation and the justification of ethical beliefs. Second semester. | 4 cr. hrs. |
| 231. | Logic.
An introduction to formal logic and scientific method. First semester. | 4 cr. hrs. |
| 300. | Philosophy of Education.
(Offered by the Education Dept.) | 4 cr. hrs. |
| 311. | History of Political Philosophy.
(Offered by the Political Science Dept.) | 4 cr. hrs. |
| 411. | Political Theory and Political Analysis.
(Offered by the Political Science Dept.) | 4 cr. hrs. |

SEMINARS IN PHILOSOPHIC CLASSICS:

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| 301. | Ancient and Medieval.
Alternates with Philosophy 303. First semester. Offered 1973-74. | 4 cr. hrs. |
| 302. | Descartes to Kant.
Alternates with Philosophy 304. Second semester. Offered 1973-74. | 4 cr. hrs. |
| 303. | The Nineteenth Century.
Alternates with Philosophy 301. First semester. Offered 1974-75. | 4 cr. hrs. |
| 304. | The Twentieth Century.
Alternates with Philosophy 302. Second semester. Offered 1974-75. | 4 cr. hrs. |
| 451, 452. | Readings in Philosophy.
Both semesters. | 1-4 cr. hrs. |

PHYSICAL EDUCATION

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| 100. | Orientation to Physical Education.
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 | 2 cr. hrs. |
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and second semester. With permission a student may take this course in sophomore year.

- 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. All students must swim 25 yards.

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.)
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.)
215. Introduction to Physical Education. 2 cr. hrs.
A general orientation course for students planning to major in physical education. First semester. (Majors only.)
226. 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.
270. Methods in 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.
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; parts 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.
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.
300. Physiology of Exercise. 4 cr. hrs.
A study of human functions under the stress of muscular activity.
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.
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 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.

Courses 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.

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. First semester.
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, electromagnetic 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 courses.

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 337. Political Philosophy courses may count toward the Humanities requirement.

Few political science courses have a rigid prerequisite, but either 102 or 103 will provide a suitable introduction to advanced study. Which of these provides the better background for a particular course is indicated below in some instances where there is no formal prerequisite.

Introductory Courses

102. Introduction to Politics: American. 4 cr. hrs.
Formation, development and structure of the American federal system; expansion of federal and state functions; civil liberties; status and responsibilities of the citizen; parties and interest groups in state and federal political processes; structure and functions of executive, legislative, judicial and administrative branches at state and federal levels. Special attention to contemporary liberalism and conservatism, both in general and with regard to selected basic issues of American public policy. Discussion groups meet approximately twelve times outside the regularly scheduled lecture sessions. Second semester.
103. Introduction to Politics: Comparative. 4 cr. hrs.
The student will be introduced to the basic concepts used in political analysis, democratic political systems of Western Europe and America, totalitarian political systems — both communist and fascist — traditional autocratic systems and the more important ideological movements. A comparison with American institutions of government and American political thought will be made during the course. First semester.

American Politics

200. Urban and Metropolitan Politics. 2 cr. hrs. on block plan.
Problems of urban and metropolitan government. The nature of political conflict in the urban community. Some attention to other units of government at the local level. Prerequisite: 102 (preferably) or 103; may be taken simultaneously with 102. Freshmen admitted by consent of instructor only. Second semester.
232. American Politics: Parties and Interest Groups. 4 cr. hrs.
A study of the development of the American party system, party organization, the electoral process, and the role of parties and interest groups in the formation of public policy. Some attention to significant minor parties. Suggested background: 102. Freshmen not admitted. First semester. Offered 1974-75.

Political Philosophy

211. American Political Thought. 4 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; the Populist and Progressive movements; the New Deal; some consideration of the New Left and Black Power. Freshmen not admitted. Second semester. Offered 1974-75.

311. History of Political Philosophy. 4 cr. hrs.
Survey of the great political thinkers from Plato to the twentieth century. Representative writers include: Plato, Aristotle, St. Augustine, St. Thomas Aquinas, Machiavelli, Locke, Hegel, and Marx. Freshmen not admitted. First semester. Offered 1973-74.
411. Political Theory & 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. Freshmen not admitted. Second semester. Offered 1973-74.

American Judicial Politics

221. Judicial Behavior: The American Constitution. 4 cr. hrs.
Rule 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. 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. 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.
The 14th Amendment and "nationalization" of the Bill of Rights: equal protection and segregation, public accommodations, reapportionment, housing, and voting rights; the First Amendment and freedom of speech, press, religion, assembly, petition, and association; problems of loyalty and security; rights in criminal proceedings. 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.
The first half of the course focuses on such major European political systems as Great Britain, France, and Germany. The second half stresses non-European political systems such as Japan and the problems of developing nations. Suggested background: 103. Freshmen not admitted. Second semester.
331. Comparative Politics: The Communist World. 4 cr. hrs.
An intensive study of basic features of Communist systems. Roots of Soviet civilization — classical Marxism; international socialism before 1917; imperial Russia. Approaches to the study of Communist systems — problems of analysis; 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. Freshmen not admitted. First semester. Offered 1974-75.

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: 103. Freshmen not admitted. First semester. Offered 1973-74.

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 periodic group meetings. It is possible by special arrangement to pursue a single research topic through two semesters. (Note: This course may be taken as an *Introduction to Legal Research*, in conjunction with or subsequent to Political Science 221-222.) 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

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.
305. Theories I: Learning and Cognitive Processes. 4 cr. hrs.
The study of principles and processes of learning and knowing. Areas to be explored include (1) relevant research in education and in the psychology of learning; (2) the methods of understanding research; (3) the application of psychological principles to learning experiences of children at various levels of development; and (4) the dynamics of socialization processes as they relate to classroom group interaction.
306. Theories II: Developmental Psychology. 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 structure of rats, sheep, and dogs and their relationship to behavior. Research and laboratory techniques are introduced. Laboratory. First semester. Not offered 1973-74.
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 Development and Measurement. 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.
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 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 learning, 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 Systems. 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. Not offered 1973-74.
- 400 Professional Psychology. 4 cr. hrs.
Applications of Clinical, Experimental, and Social Psychology in non-academic settings. Inquiries 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 a 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.

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 approved in advance by the Department of Religion 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.
- 143a.b. Church Ministries. 1 cr. hr.
Studies designed to prepare church related vocation students for immediate practical service in their chosen fields. Each church related vocation student must take the course during his first and second semesters in the college unless officially excused by the Chairman of the Religion Department. The one hour per semester in residence study for the first two semesters will be followed by independent off-campus learning experiences.
- 150, 151, 160, 161, 170, 171. Independent Off-Campus Practicum. ½ 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.
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 in 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.

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. First semester.
304. For course description see Psychology.
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 conditions. 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; an 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, and the Negro race especially, 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. 1-2 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

E. C. ADAMS, residence, R. D. Mize Road, Blue Springs, Mo. 64015; business address, P.O. Box 128, 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, re-elected 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.

WILLIAM P. BROWNING, JR., residence, 3108 West 67th St., Shawnee Mission, Ks. 66208; Retired, Livestock Exchange Building, Kansas City, Mo. 64102.

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, 5425 Easton Avenue, St. Louis, Mo. 63112.

Vice-president, Adams Dairies — Kansas City and 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; president, Charles F. Curry Real Estate Company; chairman of the board, Home Savings Association, Kansas City, Mo.; Baptist.

GRANT DAVIS, residence, 1334 East Delmar, Springfield, Mo. 65804; business address, 205 Empire Building, Springfield, Mo. 65806.

Partner, Davis-Bass Insurance Agency, Springfield, Mo.; past president, Missouri Baptist Brotherhood; former vice president, Missouri Baptist Convention; 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, residence, 6401 Belinder Rd., Shawnee Mission, Ks. 66208; business address, Interstate Securities Company, Inc., 3430 Broadway, Kansas City, Mo. 64111.

Vice president-administration, ISC Industries, Inc.; president, Protecton, Inc., Kansas City; president, Furniture Warehouse, Inc., El Paso, Tex. and Las Cruces, N. Mex.; president, Lakeland Furniture Warehouse, Inc.; vice chairman of the board of directors of the Joseph Lipic Pen Co., St. Louis, Mo., and of United States Forgemcraft Corp., Ft. Smith, Ark.; vice chairman, executive committee, 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, Baptist Memorial Hospital; board of trustees, Ottawa University; 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, 7305 Oak Street, Kansas City, Mo. 64116.

President, Farmland Industries Corporation, 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; member of executive board and executive committee of Missouri Baptists; past president of Sunday School Board; past chairman of Christian Life Commission of Missouri; past president of Ministerial Alliance of St. Joseph; Baptist.

ARTHUR L. MALLORY, Ed.D., residence, 3261 South Ten Mile Drive, Jefferson City, Mo. 65101; business address, State Dept. of Education, P.O. Box 480, Jefferson City, Mo. 65101.

Commissioner of Education, State Department of Education, Jefferson City, Mo.; board director, Burge Protestant Hospital, Ozarks Area Community Action Corp., Greene County Chapter A.R.C., Mid-Continent Regional Educational Lab, Midwestern Theological Seminary; vice president, Ozarks Council of Boy Scouts of America; former president, Southwest Missouri State University, Springfield, 1964-70; deacon; Baptist.

EUGENE M. MOORE, residence, 5331 Norwood, Shawnee Mission, Ks., 66205. Business address, 20 W. 9th St., Bldg., Kansas City, Mo. 64105.

Executive vice president, Charles F. Curry and Company, member, Real Estate Board, trustee, Baptist Memorial Hospital; deacon, Calvary Baptist Church; Baptist.

RUSSELL E. NEWPORT, residence, Route 2, Box 302, Springfield, Mo.; business address, Newport Stores, Inc., 1832 E. Meadowmere, Springfield, Mo. 65804.

President Newport Stores, Inc., Springfield, Mo.; member, First Baptist Church, Springfield, Mo.; regent, Southwest Missouri State University; Baptist.

FRED H. PILLSBURY, residence, 680 South McKnight Road, St. Louis, Mo. 63124; business address, 1806 Pine St., St. Louis, Mo. 63103.

Industrialist; president, Century Electric Co., St. Louis, Mo.; Baptist.

ELLIOTT C. SPRATT, residence, 706 South 13th. St. Joseph, Mo. 64501.

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.

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.

President and director, A. B. Chance Company, Centralia, Mo.; chairman and director, A. B. Chance Company of Canada, Ltd., Toronto, Canada; trustee, Chance Foundation; deacon, First Baptist Church, Centralia, Mo.; Baptist.

JOHN F. TRUEX, residence, 13139 Thornhill Drive, St. Louis, Mo., 63131; business address, TWA — Suite 920, 500 Northwest Plaza, St. Ann, Mo., 63074.

Vice president of sales and services, South Central Region for Trans World Airlines; executive council, Delmar Baptist Church, St. Louis; Baptist.

WILLIAM E. TURNAGE; residence, 509 Nashua Rd., Liberty, Mo. 64068; business address, 17 North Water, Liberty, Mo. 64068.

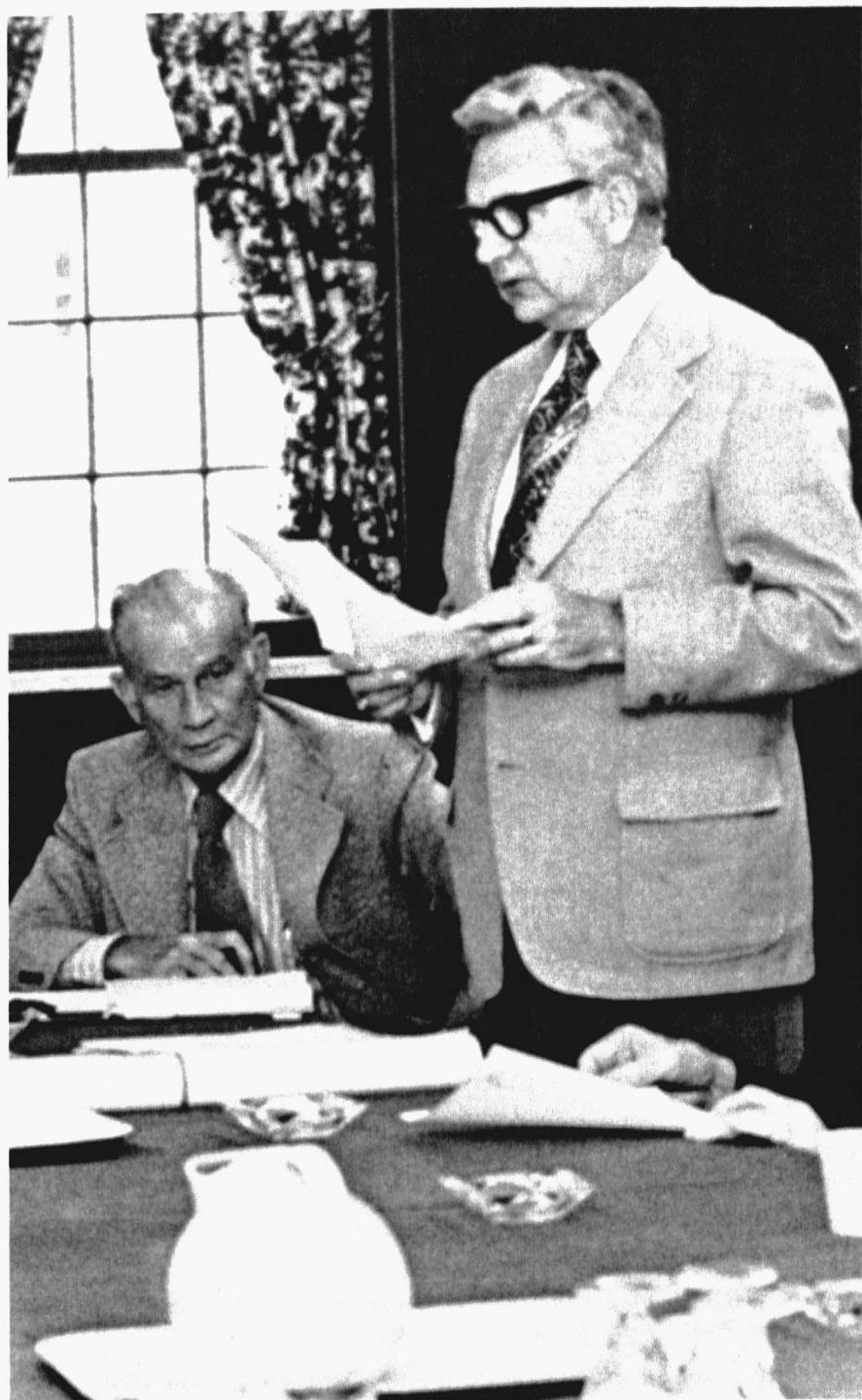
Partner in the law firm of Sevier & Turnage, Liberty, Mo.; deacon, Second Baptist Church, Liberty, Mo.; president, board of trustees of William Jewell College; Baptist.

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.

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 EMERITI

R. E. COOPER, 10315 Johnson Dr., Shawnee Mission, Ks. 66203.

JOE E. CULPEPPER, 630 W. Meyer Blvd., Kansas City, Mo. 64113.

CHARLES F. CURRY, 221 West 48th St., Apt. 502, Kansas City, Mo. 64112.

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.

JACK GOODNER, B.A., M.A., Ed.D., *Vice President for Business Services*, 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., Ph.D., *Associate Dean of the College*, Greene Hall.

A. S. MICHEL, B.S., *Director of Development*, Curry Library.

R. ELTON JOHNSON, JR., B.A., M.Div., *Dean of Religious Life*, Ely Hall.

ADMINISTRATIVE STAFF

Richard P. Bowles, M.D., *College Physician*, 112 North Water Street, Liberty, Mo.

Alford W. Coffman, *Administrative Assistant to Dean of Students*, 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.

Jack Petty, *Manager of Physical Plant and Purchases*, Greene Hall.

Fred Presley, B.A., Th.M., *Associate Director of Development*, Curry Library.

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.

Wayne Valentine, B.S. in B.A., *Controller*, Greene Hall.

Harley Wyatt, Jr., A.B., *Director of Admissions*, Greene Hall.

John Young, A.B., M.L.S., *Director of Library*, Curry Library.



FULL-TIME FACULTY 1973-74

(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

JACK GOODNER, 1971

Vice President for Business Services and associate professor of education
BA, 1953, MA, 1960, University of New Mexico; EdD, 1964, Arizona 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

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 speech

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, ThD, 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

BS, 1964, Oklahoma Baptist University, MS, 1966, Ohio State University

DONALD C. BROWN, 1967

Assistant 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

THURMON E. BRYANT, 1972

Professor of religion and director of in-service training

AB, 1951, Baylor University; BD, 1954, ThD, 1959, Southwestern Baptist Theological Seminary

JOHN BUGERA, 1966

Assistant professor of business administration and economics

AB, 1962, William Jewell College; MS, 1965, doctoral candidate, University of Kansas

JACK T. BUSS, 1971

Assistant professor of biology

BA, 1965, Bethel College; MS, 1968, Wayne State University; PhD, 1971, University of Minnesota



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, 1966, Moody Bible Institute; BA, 1969, University of North Dakota; MA, 1971, 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

*MYRA L. COZAD, 1961

Assistant professor of English

AB, 1960, William Jewell College; MA, 1963, Washington University; further graduate study, 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

MARVIN P. DIXON, 1965

Chairman of department and associate professor of chemistry

AB, 1960, William Jewell College; MS, 1963, PhD, 1965, University of Illinois

D. DEAN DUNHAM, JR., 1969

Chairman of department and associate professor of English

BA, 1960, Hastings College; MA, 1962, University of Arkansas; PhD, 1970, University of Nebraska



DEAN EDMISTON, 1969

Assistant professor of business administration
BS, 1966, MS, 1967, Kansas State Teachers College, Emporia

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

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

BS, 1950, 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); further graduate study, University of Kansas



JEANNE JOHNSON, 1973

Instructor of nursing

BS, 1956, University of Illinois; further graduate study, School of Nursing, University of Kansas

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; PhD candidate, University of Louisville; further graduate study, National University of Ireland

BONNIE KNAUSS, 1969

Acquisitions librarian 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; BD, 1958, Southern Baptist Theological Seminary; doctoral candidate, Washington University

BARBARA ROSE MACKE, 1968

Assistant professor of physical education

BS, 1963, Southeast Missouri State College; 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; MRE, 1944, Southern Baptist Theological Seminary; 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

Chairman of department and 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 Illinois

CHARLES F. J. NEWLON, 1956

Associate professor of biology

AB, 1956, William Jewell College; MA, 1962, and further graduate study at University of Missouri

LINDA NEWTON, 1965

Assistant professor of speech

AB, 1962, William Jewell College; MA, 1963, University of Missouri; further graduate study, University of Kansas Medical Center

JOHN L. PHILPOT, 1962

Professor of physics

AB, 1957, William Jewell College; MS, 1961, PhD, 1963, University of Arkansas

SUE POPKESS, 1973

Instructor of nursing

MN, 1973, University of Kansas; further graduate study, School of Nursing, University of Kansas

PHILIP C. POSEY, 1965

Associate professor of music and director of the band

BME, 1959, Florida State University; MM, 1963, Eastman School of Music of the University of Rochester, N.Y.

JOHN DAVID RICE, 1967

Assistant professor of history

BArch, 1953, Texas A&M College; BD, 1958, Southwestern Baptist Theological Seminary; further study, University of Houston, Texas Christian University; candidate for PhD, University of Missouri

VIRGINIA D. RICE, 1930

Associate professor of speech

AB, 1928, William Jewell College; AM, 1932, University of Kansas; further graduate study, University of Kansas, University of Wisconsin, Union Theological Seminary, U.C.L.A., University of Denver

PAULINE PECK RIDDLE, 1972

Assistant professor of music

BSEd, 1953, Southwest Missouri State College; MSM, 1956, Southern Baptist Theological Seminary; DME, 1972, University of Oklahoma

JIMMIE O. SHEPARD, 1968

Assistant professor of English

AB, 1963, MA, 1964, and further graduate study, University of Missouri-Kansas City; further graduate study, Florida State University

SHERMAN W. SHERRICK, 1968

Assistant professor of mathematics

BS, 1964, Southwest Missouri State; MS, 1968, University of Missouri-Rolla

PAUL L. SMOCK, 1971

Associate professor of psychology

AB, Oklahoma Baptist University; MA, Oklahoma State University; PhD, 1970, Brigham Young University

M. J. STOCKTON, 1972

Assistant professor of education

BA, 1962, Baylor University; MA, 1967, Sam Houston State University; EdD, 1971, Baylor University

*DARREL R. THOMAN, 1962

Chairman of department and associate professor of mathematics

BA, 1960, Hastings College; MA, 1962, University of Kansas; PhD, 1968, University of Missouri-Rolla; further graduate study, University of Missouri-Kansas City

OLIVE E. THOMAS, 1936

Associate professor of biology

AB, 1929, William Jewell College; AM, 1941, University of Missouri; further graduate study, University of Missouri, University of Michigan, U.C.L.A.

STEVEN HOWARD THOMSON, 1970

Instructor of physical education and baseball coach

BA, 1964, Bethany College; MA, 1972, Central Missouri State College

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

JANET VINCENT, 1973

Instructor of nursing

MN, 1973, University of Kansas; further graduate study, School of Nursing, University of Kansas

BETTY VREEMAN, 1972

Instructor 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

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

EARL R. WHALEY, 1955

Acting chairman of department and professor of sociology

BS, 1949, University of Tennessee; BD, 1952, ThM, 1953, Southern Baptist Theological Seminary; MA, 1954, George Peabody College for Teachers; further graduate study, University of Kansas and Midwestern Baptist Theological Seminary

ROBERT F. WICKE, 1961

Chairman of department and professor of education

BA, 1949, MA, 1950, University of Missouri-Kansas City; EdD, 1961, University of Kansas

***TOM H. WILLETT, 1967**

Assistant professor of speech 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; further graduate study, University of Missouri — Kansas City

SHERRY YOWELL, 1973

Instructor of nursing

MS, 1971, University of California at San Francisco; further graduate study, School of Nursing, University of Kansas

ARTIST IN RESIDENCE

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

VISITING AND PART-TIME FACULTY 1973-74

HELEN BROWN, 1968

Instructor in piano

BME 1961, Samford University; MCM, 1964, School of Church Music, Southwestern Baptist Theological Seminary

EVELYN BRYANT, 1973

Visiting instructor of mathematics

BS, 1970, Evangel College; MA, 1972, University of Kansas-Lawrence; further graduate study, Southwest Missouri State University

LINDA DAVIS, 1972

Visiting instructor of language

BA, 1969, University of Nebraska; MA, 1972, Middlebury College

BETTY DUNHAM, 1969

Instructor of piano

BA, 1960, Hastings College; MM, 1968, University of Nebraska

FRANK G. EDSON, 1929

Professor of chemistry

AB, 1925, William Jewell College; AM, 1929, PhD, 1933, University of Colorado; further study, University of Chicago, University of Minnesota, University of Southern California; National Science Foundation Fellow, 1957-58, Harvard University

GEORGE FLANAGAN, 1973

Visiting instructor of speech and director of forensics

AB, 1970, William Jewell College; MA, 1973, Central Missouri State University

BERNICE B. GONZALEZ, 1964

Associate professor of modern languages

AB, 1926, Bethel College; MA, 1943, George Peabody College; further graduate study, University of Missouri-Kansas City, Middlebury College

JODY GREINER, 1971

Instructor of music

AB, 1969, Stevens College; MA, 1970, University of Missouri

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

PATRICIA LUND, 1968

Instructor of physical education

AB, 1948, William Jewell College

LOUIS LYNCH, 1972

Instructor of music (instrumental)

BM, 1963, Conservatory of Music of the University of Cincinnati; MM, 1967, Conservatory of Music of the University of Missouri-Kansas City

MARY S. MILLER, 1967

Visiting assistant professor of education

BS, 1964, MS, 1967, Eastern Connecticut State College (formerly Willimantic State College);
doctoral candidate, University of Missouri-Kansas City

MARSHA PALMBERG, 1973

Clinical Assistant

BS, 1971, University of Kansas

ANN POSEY, 1966

Instructor of piano

BM, 1963, University of Alabama, further graduate study, University of Alabama

TOM REED, 1973

Instructor of pharmacology

BS, 1966, University of Kansas, School of Pharmacy

DONALD RIDDLE, 1972

Instructor of music (instrumental)

BS in Ed., 1952, Southwest Missouri State University; MSM, 1956, School of Church Music,
Southern Baptist Theological Seminary; doctoral candidate, Oklahoma University

GENE STOKES, 1971

Instructor of voice

BM, 1960, Westminster Choir College, Princeton, N.J.

VERONICA TAPSONYI, 1969

Instructor of piano

Diploma, Gyor, Hungary; Winner of Liszt Prize, Gyor, Hungary; B.Mus, 1968; M.Mus, 1970,
University of Missouri-Kansas City

JAMES C. WATKINS, 1972

Visiting instructor of business administration and economics

AB, 1969, William Jewell College; further study, UCLA; doctoral candidate, University of
Missouri

COLLEEN YOUNG, 1973

Instructor of nutrition

BS, University of Minnesota; RD, 1965, Duke University, 1964

MAX ZICKEFOOSE, 1972

Instructor of guitar

BA, University of Illinois-Champaign; further graduate study, Conservatory of Music,
Kansas City, Missouri

EMERITI FACULTY AND ADMINISTRATORS

P. CASPAR HARVEY

Professor of English composition, 1920-1958

HUBERT INMAN HESTER

Professor of religion, 1926-1961

Interim President, 1942-1943; Vice President, 1943-1961

E. W. HOLZAPFEL

Vice President of Student Affairs, 1947-1970

Acting President, 1969-70

THURSTON F. ISLEY

Professor of education 1930-1971

D. VERN LaFRENZ

Associate professor of mathematics, 1945-1969

LYDIA LOVAN

Associate professor of music, 1946-1971

RUTH McDANIEL

Professor of modern languages, 1942-1970

LETHA MILLSOM

Associate professor of music, 1956-1970

ULMA ROACH PUGH

Professor of history, 1929-1966



STANDING COMMITTEES, 1973-74

ACADEMIC CALENDAR — Kingsley (Chm.), Brown, Hamilton, Lambert, Newton, B. Thomson, Student: George Frazier

ACADEMIC CEREMONIES — B. Thomson (Chm.), Field, Forbis, Goodner, Newlon, Philpot, Petty, Thomas, Willett, Students: Elizabeth Kramer, Steve Baker

ADMISSIONS — B. Thomson (Chm.), Brose, Lambert, Posey, Wicke, Wyatt, Student: Thaddeus Jones

ADVISORY PROGRAM — Kingsley (Chm.), Cone, Hilton, Lambert, Newton,
B. Thomson, Student: Larry Harmon

ATHLETICS — Philpot (Chm.), David, Goodner, D. Johnson, Nelson, B.
Thomson, Wagenknecht, Student: Kurt Schuerman

CATALOG — B. Thomson, (Chm.), Bowman, Goodner, Wyatt, Student:
Roger Hill

CHRISTIAN CONCERN — Moore (Chm.), Mathis, Riddle, Smock, Students:
Roger Gench, Gloria Harbord

COMMUNITY AND COLLEGE RELATIONS — V. Rice (Chm.), Gourley, D.
Johnson, Michel, Nelson, Posey, Wyatt, Student: Glenna Sharp

CURRICULUM AND EDUCATIONAL POLICY — B. Thomson (Chm.), Ad-
ams, Brose, Cuthbertson, Dunham, Gonzalez, Hilton, Moore, Newlon,
Trotter, Young, Student: John Pillsbury

CONDUCT — Newton (Chm.), Hamilton, Brown, Newlon, Philpot, Whaley,
Students: Greg Grounds, John Ball, Carol Roberts, Marva Yancy, Don
Frey

FACULTY REPRESENTATIVES ON STUDENT PUBLICATIONS — Bowman
(Chm.), Lambert, Watkins

FINANCIAL AIDS — Lambert (Chm.), Coffman, Dixon, Goodner, Human,
Moore, Treadwell

FINE ARTS — Harriman (Chm.), Forbis, D. Johnson, Matthews, H. Thomas,
B. Thomson, Turnage, L. Walker, Students: Norman Dunfee, Ken Lyle

INDEPENDENT AND OFF-CAMPUS STUDIES — Griffith (Chm.), Emerson,
Kingsley, Lambert, Mathis, Newlon, B. Thomson, Vreeman, Students:
Don Frey, Alice Amick

HONORARY DEGREES & CITATIONS — Edson (Chm.), Bruner, Chiles,
Field, Hilton, B. Thomson, Trotter

HONORS COUNCIL — Harris (Chm.), Adams, Buss, Philpot, L. Walker,
Young, Students: Lynn Doss, Gary Barnes

INSTRUCTIONAL IMPROVEMENT — Minor (Chm.), Dixon, Dunham,
Macke, Newlon, Stockton, Student: Walt Franz

INTERDISCIPLINARY STUDIES — Kingsley (Chm.), Brooks, Cone, Cuthbert-
son, David, Harriman, Minor, Student: Bob Blunden

LIBRARY — David (Chm.), Brooks, Chiles, Griffith, Hutchison, Knauss,
Kingsley, Rice, Wagenknecht, Young, Students: Tom Tait, Phyllis Smith

PRE-MEDICAL — Wagenknecht (Chm.), Brose, Dixon, Lambert

REGISTRATION — Kingsley (Chm.), Cone, Gairrett, Hamilton, Treadwell,
Valentine, Wyatt, Student: Bob Painter

SABBATICAL LEAVE — Willard (Chm.), Cuthbertson, Field, Goodner, Hil-
ton, Mallory, B. Thomson, Trotter, Turnage

SOCIAL ORGANIZATIONS AND SPECIAL STUDENT EVENTS — Treadwell
(Chm.), Harriman, Human, Lakin, Newton, S. Thomson, Students: Shari
Drinnen, Tom Albright

WHO'S WHO IN AMERICAN COLLEGES AND UNIVERSITIES — Lambert
(Chm.), Bruner, Chiles, Hickman, Human, Lakin, Mathis, Matthews,
Treadwell, Trotter, Whaley

WILLIAM JEWELL SCHOLARS PROGRAM — Philpot (Chm.), Adams, Cozad,
Harris, L. Walker, Willett, Student: Dennis Owens

COMMITTEE ON COMMITTEES — Brown, Buss, Davidson, Edmiston,
Geilker, J. Johnson, McKinney, V. Rice, Sherrick



WILLIAM JEWELL COLLEGE CALENDAR 1973-74

First Semester, 1973

Saturday, September 1	Residence Halls Open
Sunday-Monday, September 2-3.....	Freshman Orientation
Tuesday, September 4.....	Registration
Wednesday, September 5	Classes Begin
Tuesday, September 11.....	Opening Convocation
Monday, September 17.....	Close of Registration Changes
Saturday, October 13	Homecoming
Thursday, November 1.....	Achievement Day
Saturday, November 10	Parents' Weekend
Wednesday, November 21 (Noon)	Thanksgiving Holiday Begins
Sunday, November 25.....	Dorms Open — Supper Served
Monday, November 26	Classes Resume
Saturday-Thursday, December 15-20	First Semester Final Exams
Friday, December 21 (Noon)	Christmas Holiday Begins

Winterim, 1974

Monday, January 7.....	Suggested Winterim Beginning
Friday, January 25.....	Winterim Ends

Second Semester, 1974

Sunday, January 27	Registration (2:00-5:00 p.m.)
Monday, January 28.....	Registration and Classes Begin
Friday, February 8	Final Date for Registration Changes
Friday, Saturday, February 8-9.....	Tatler Revue
Monday, March 18.....	Spring Vacation Begins
Sunday, March 24	Residence Halls Open — Supper Served
Monday, March 25.....	Classes Resume
Monday-Friday, May 13-17	Second Semester Final Exams
Saturday, May 18.....	Alumni Day
Sunday, May 19.....	Baccalaureate Service Commencement

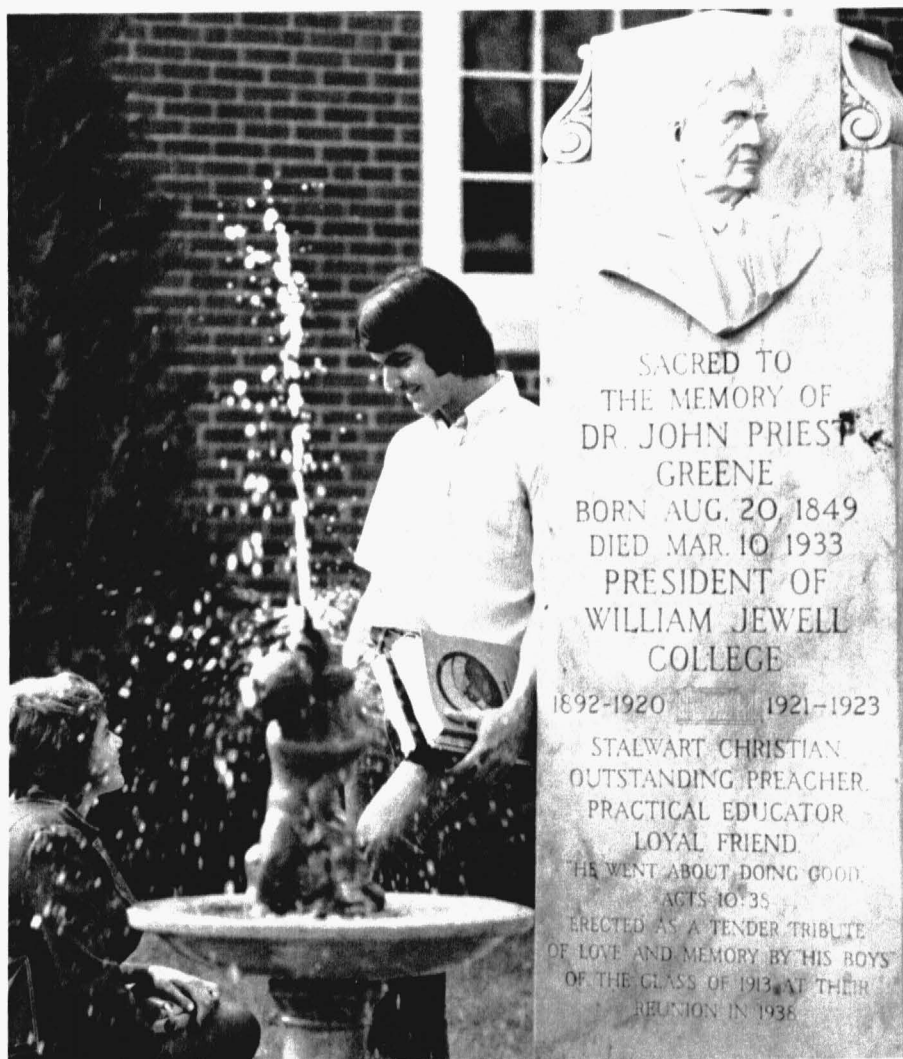
Summer School — 1974

Monday, June 3.....	Summer School Registration
Tuesday, June 4.....	Classes Begin
Friday, July 26	Summer School Ends

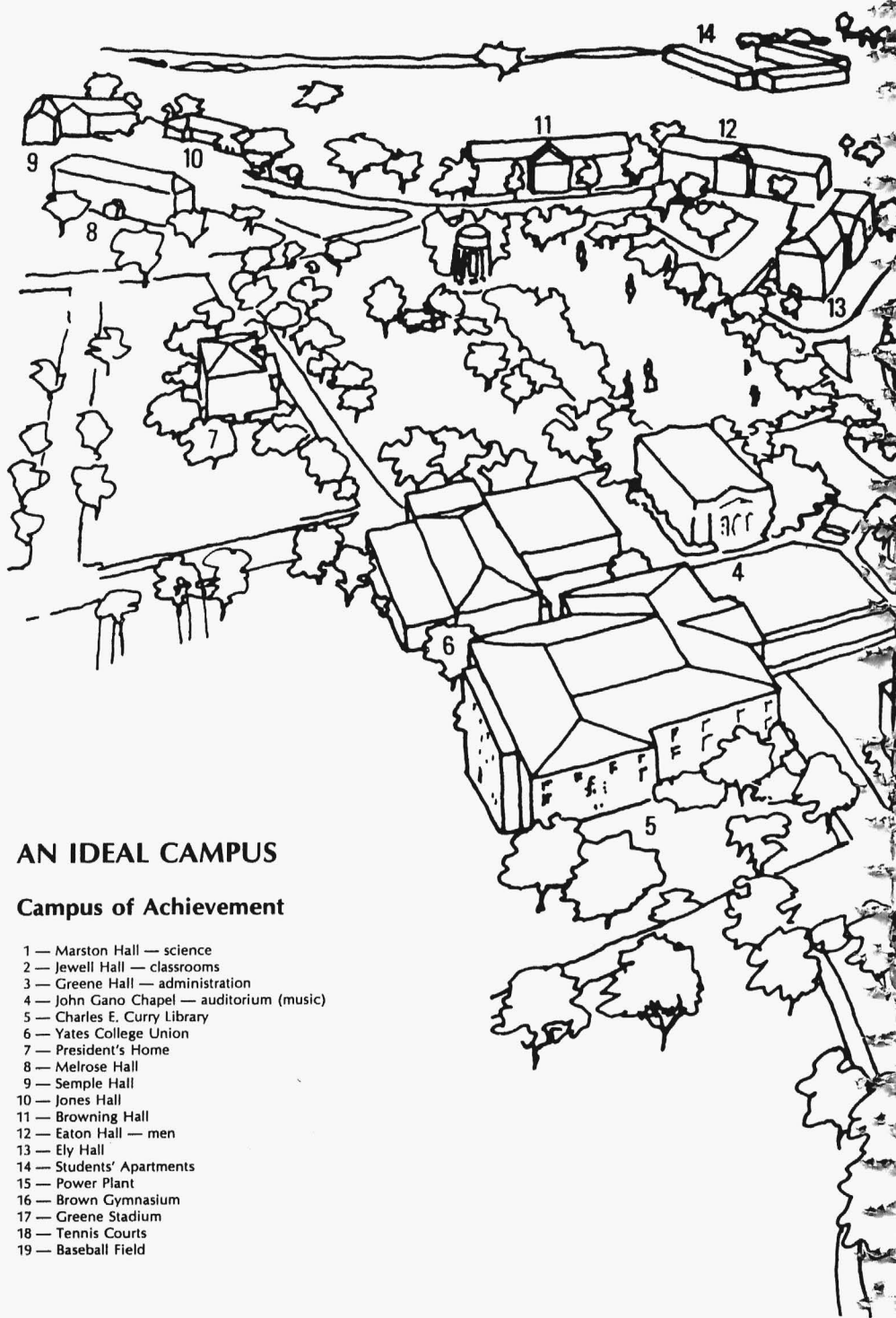
WILLIAM JEWELL COLLEGE CALENDAR FOR 1974-75

First Semester 1974

Saturday	Aug. 31	Residence Halls Open
Sunday-Tuesday	Sept. 1-3	Freshman Orientation
Tuesday	Sept. 3	Registration
Wednesday	Sept. 4	Classes Begin
Saturday-Thursday	Dec. 14-19	Final Exams
Friday	Dec. 20	Christmas Holiday begins



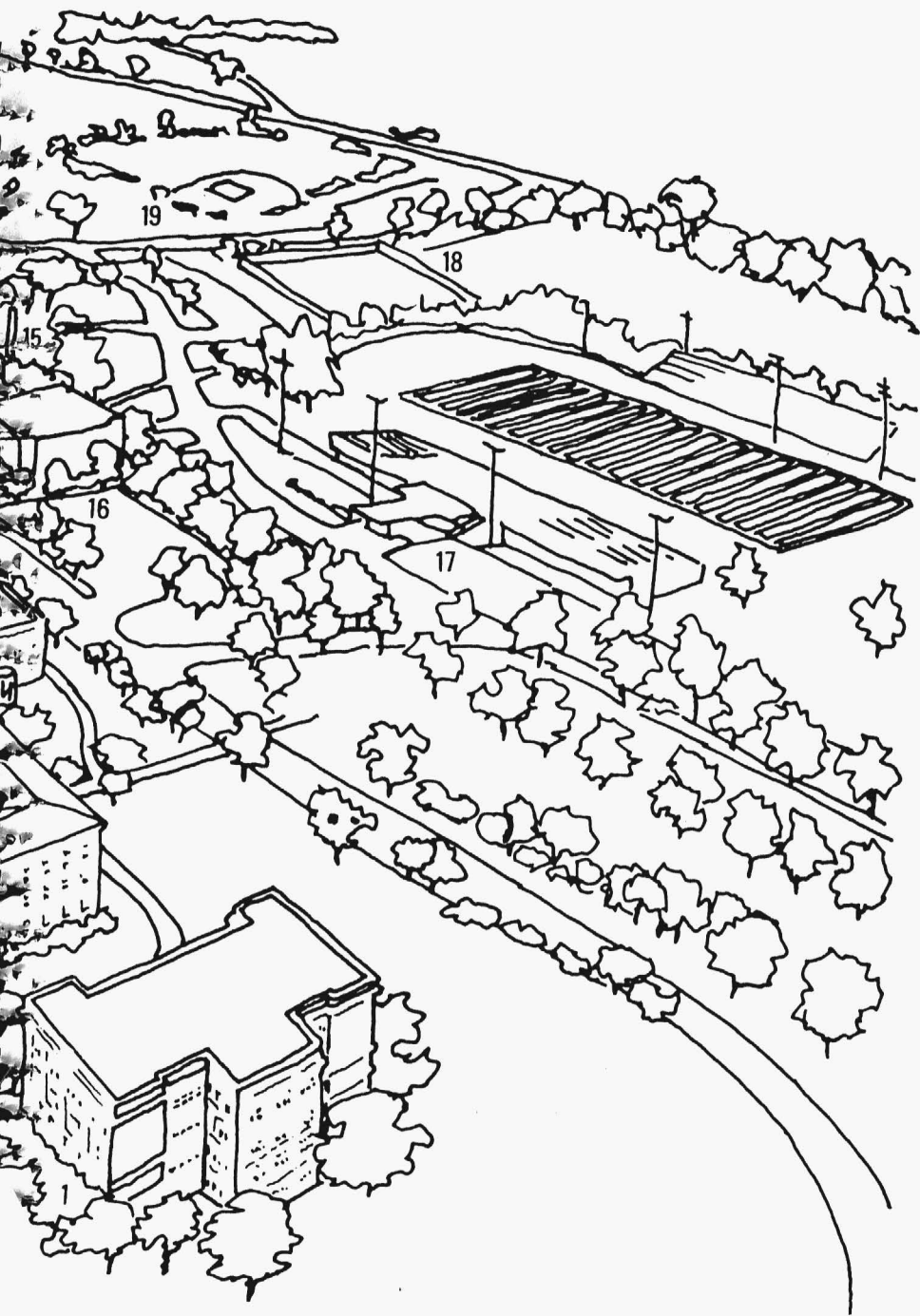




AN IDEAL CAMPUS

Campus of Achievement

- 1 — Marston Hall — science
- 2 — Jewell Hall — classrooms
- 3 — Greene Hall — administration
- 4 — John Gano Chapel — auditorium (music)
- 5 — Charles E. Curry Library
- 6 — Yates College Union
- 7 — President's Home
- 8 — Melrose Hall
- 9 — Semple Hall
- 10 — Jones Hall
- 11 — Browning Hall
- 12 — Eaton Hall — men
- 13 — Ely Hall
- 14 — Students' Apartments
- 15 — Power Plant
- 16 — Brown Gymnasium
- 17 — Greene Stadium
- 18 — Tennis Courts
- 19 — Baseball Field



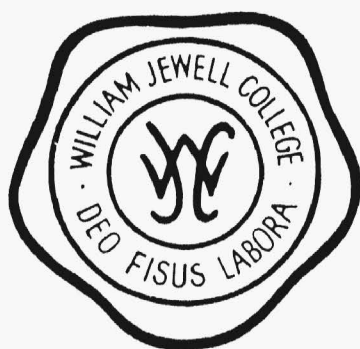
A Purpose

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.





**william jewell
college**

campus of achievement

a Baptist college of quiet distinction in a setting of exciting Americana.

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