

Bulletin of William Jewell College

FOUNDED 1849

LIBERTY, MISSOURI

CATALOG

SERIES XXVI, MARCH 15, 1929 No. 8

ANNOUNCEMENTS FOR THE YEAR
1929-1930



Accredited by the North Central Association of Colleges and Secondary Schools.
William Jewell College is also one of five colleges in Missouri approved
by the Association of American Universities.

PUBLISHED MONTHLY BY THE COLLEGE

Entered April 2, 1909 at Liberty, Mo. as second-class matter under act of Congress of July 16, 1894. Acceptance for mailing at special rate of postage provided for in Section 1103, Act of October 3, 1918 authorized on July 2, 1918,

William Jewell College Calendar

1929-1930

SEPTEMBER							OCTOBER							NOVEMBER						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7			1	2	3	4	5						1	2
8	9	10	11	12	13	14	6	7	8	9	10	11	12	3	4	5	6	7	8	9
15	16	17	18	19	20	21	13	14	15	16	17	18	19	10	11	12	13	14	15	16
22	23	24	25	26	27	28	20	21	22	23	24	25	26	17	18	19	20	21	22	23
29	30						27	28	29	30	31			24	25	26	27	28	29	30
DECEMBER							JANUARY							FEBRUARY						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7				1	2	3	4							1
8	9	10	11	12	13	14	5	6	7	8	9	10	11	2	3	4	5	6	7	8
15	16	17	18	19	20	21	12	13	14	15	16	17	18	9	10	11	12	13	14	15
22	23	24	25	26	27	28	19	20	21	22	23	24	25	16	17	18	19	20	21	22
29	30	31					26	27	28	29	30	31		23	24	25	26	27	28	
MARCH							APRIL							MAY						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
						1			1	2	3	4	5						1	2
2	3	4	5	6	7	8	6	7	8	9	10	11	12	4	5	6	7	8	9	10
9	10	11	12	13	14	15	13	14	15	16	17	18	19	11	12	13	14	15	16	17
16	17	18	19	20	21	22	20	21	22	23	24	25	26	18	19	20	21	22	23	24
23	24	25	26	27	28	29	27	28	29	30				25	26	27	28	29	30	31

Fall Term opens Wednesday, September 4, 1929.

Classification and payment of fees, Wednesday and Thursday, September 4 and 5.

Class work begins Friday, September 6.

Examinations, November 25, 26, and 27.

Fall term ends Wednesday, November 27.

Winter Term begins Friday, November 29.

Classification and payment of fees, Friday and Saturday, November 29 and 30.

Class work begins Monday, December 2.

Christmas recess begins Friday, December 20, 4 p. m.

Work resumed Thursday, January 3, 1930, 7:50 a. m.

Examinations, Wednesday, Thursday, and Friday, February 26, 27, and 28.

Winter term ends Friday, February 28, 4 p. m.

Spring Term begins Saturday, March 1, 1930.

Classification and payment of fees previous to Saturday, March 1, and not later than Monday, March 3.

Class work begins Monday, March 3, 7:50 a. m.

Examinations, Monday, Tuesday, Wednesday, May 19, 20, and 21.

Spring term ends Wednesday, May 21.

Commencement, Wednesday and Thursday, May 21 and 22.

Meeting of Missouri Baptist Historical Society, Thursday, May 22.

For failure to matriculate and be classified within the period set therefor, an extra fee of \$3.00 will be charged and in addition to this, an extra fee of \$3.00 will be required for late payment of regular fees. These extra fees will be reduced to \$2.00 each for new students.

FACULTY

JOHN F. HERGET, A. M., President.

JOHN PRIEST GREENE, A. M., D. D., LL. D., President-Emeritus.

ANCIENT LANGUAGES

ALLEN J. MOON, A. M., LL. D., (Howard College).

Head of Department and Professor of Latin. Six majors at the University of Virginia and twenty majors at the University of Chicago on the Ph. D. degree.

FREDERICK DERWACHTER, PH. D. (Chicago).

Professor of Greek.

BIBLE

H. I. HESTER, TH. D., (Southern Baptist Theological Seminary).

Head of Department and Professor of Bible and Religious Education.

BIOLOGY

CLARENCE JEROME ELMORE, PH. D., (Nebraska).

Head of Department and Professor of Biology.

MARY ELIZABETH ELMORE, A. M. (Kansas).

Assistant Professor of Biology.

CHEMISTRY

GEORGE F. WEIDA, PH. D., (Johns Hopkins).

Head of Department and Professor of Chemistry.

WALTER O. WALKER, S. M. (Chicago).

Professor of Chemistry.

Work for Ph. D. completed except thesis.

EDUCATION

J. B. SULLIVAN, A. M., (Columbia University).

Head of Department and Professor of Education.

Work for Ph. D. completed at George Washington University, except thesis.

ROBERT W. FREDERICK, PH. D. (New York University).

Professor of Education.

ENGLISH AND PHILOSOPHY

JOHN PHELPS FRUIT, PH. D., (Leipzig).

Head of Department and Professor of English Literature and Philosophy.

P. CASPAR HARVEY, A. M., (William Jewell).

Professor of English Composition. One summer's work in the teaching of English, Chicago University.

ETHEL MARIE HENDERSON, A. B., (Wellesley).

Instructor in English.

HISTORY AND POLITICAL SCIENCE

JOHN KNUDSON, DR. SC. POL., (University of Geneva).

Head of Department and Professor of History and Political Science.

MATHEMATICS AND ASTRONOMY

- ✓ B. E. DENTON, A. M., (George Peabody College).
 Head of Department and Professor of Mathematics.
 ✓ CHARLES R. BURKE, A. B., (William Jewell)
 Instructor in Mathematics.

MODERN LANGUAGES

- ✓ CONSTANTINE BILA, PH. D., (University of Paris).
 Head of Department and Professor of French and German.
 ✓ ARTHUR GROVER BYRNS, A. M., (Kansas).
 Professor of Spanish. Thirteen years of foreign residence.

MUSIC

- ✓ DAVID GROSCH.
 Head of Department and Professor of Music.
 Taught in Chicago Musical College, Bush Conservatory and was Dean of Conservatory of Music, Baker University. Studied voice with Adolph Schulze of Berlin, piano with John Petrie Dunn of Edinburgh, oratorio with Dr. Charles Allum of London, opera with Hermann Devries of Chicago, and composition with Samuel DeLange of Stuttgart, Germany.

PHYSICAL EDUCATION

- ROBERT EARL BOWLES, A. B., (William Jewell).
 Head of Department and Athletic Director. Two summers' work at the University of Wisconsin and one summer at Lake Geneva, Wisconsin, in Physical Education.
 WILLIAM N. COLLINS, B. S., (Missouri).
 Athletic Coach. One summer's work in Illinois Coaching School.

PHYSICS

- JOHN E. DAVIS, A. B., (William Jewell).
 Head of Department and Professor of Physics. Twenty-four majors at Chicago university for the Ph. D. degree.
 ✓ CHARLES R. BURKE, A. B., (William Jewell).
 Instructor in Physics.

SOCIAL SCIENCE

- ✓ C. R. HOWD, PH. D. (California).
 Head of Department and Professor of Social Sciences.

LOCATION

William Jewell College is located at Liberty, Missouri, fifteen miles from Kansas City. Liberty is on the main lines of the C. B. & Q., the C. M. & St. P., the C. R. I. & P. Railroads and the Kansas City, Clay County, and St. Joseph Electric Railway. A concrete road extends from Liberty to Kansas City.

BOARD OF TRUSTEES OF WILLIAM JEWELL COLLEGE

W. D. Johnson, Kansas City, President.	J. C. James, Kansas City.
John S. Major, Liberty, Sec'y. and Treas.	J. B. Reynolds, Kansas City.
J. P. Greene, Liberty.	A. T. Ray, Gallatin.
J. P. Graham, St. Louis.	W. C. Harris, Fulton.
W. H. Griffith, St. Joseph.	Minetry Jones, St. Joseph.
W. M. Fitch, St. Louis.	E. E. Amick, Kansas City.
E. S. Pillsbury, St. Louis.	Hugh Wilhite, Excelsior Springs.
Frank H. Trimble, Liberty.	L. M. Proctor, Independence.
C. P. Storts, Slater.	W. W. Martin, Doniphan.
S. J. Brown, Kansas City.	E. G. Trimble, Kansas City.
Paul Weber, Jefferson City.	T. D. Martin, Springfield.
J. C. Mackey, Clarksville.	A. M. Tutt, Liberty.

ADMINISTRATION

John F. Herget, President.
Allen J. Moon, Registrar.
John S. Major, Treasurer.
H. B. Early, Ass't Treas. and Cashier.
J. C. Armstrong, Librarian.
John Davis, Business Manager.
Homer S. Huff, Field Representative and Personnel Secretary.

STANDING COMMITTEES OF THE FACULTY

- Athletics: Professors Bowles, Collins, Davis, Walker.
- Chapel Attendance: Miss Elmore, Mr. Huff.
- Chapel Exercises: President Herget and Professors Grosch and Hester.
- Entrance Committee: Professors Moon, Sullivan, Elmore.
- Faculty Advisors of Student Council: Professors Fruit, Elmore, Howd.
- Fraternities: Professors Davis, Frederick.
- Religious Activities: Professors Hester, Byrns, Derwacter.
- Committee on Curriculum: Professors Moon, Fruit, Sullivan, Frederick.
- Student Publications and Faculty Representatives on the Board of Control: Professors Harvey, Byrns, Knudson.
- Committee on Catalog: Professors Moon, Frederick, Denton.
- Committee on Library: J. C. Armstrong, Librarian; Professors Frederick, Howd.
- Committee on Music and Dramatics: Miss Henderson, Professors Fruit, Grosch.
- Committee on Debate: Professors Harvey, Knudson.
- Committee on Dormitories: Professors Elmore, Frederick, Bila.
- Committee on Discipline: President and Professors Moon, Frederick, Hester.
- Publicity Committee: Harvey, Herget, Davis, Hester, Frederick, Huff, Ray.

HISTORICAL SKETCH

It was soon after the organization of the Missouri Baptist General Association in the year 1835 that the initial steps were taken for the establishment of an institution of higher learning for young men, and in particular for candidates for the Christian ministry. No definite action was taken until 1843, when Dr. William Jewell of Columbia, Missouri, made to the General Association the conditional offer of ten thousand dollars in lands as a nucleus for the building and endowment of a college. The offer was not accepted until 1848. A charter was granted by the legislature and approved by the Governor, February 27, 1849.

In accordance with the terms of this charter the subscribers to the building and endowment funds met in Boonville for the purpose of selecting a location and fixing upon a name for the institution. After an animated contest the town of Liberty—the county seat of Clay County—was selected, and it was unanimously decided that the name of the institution should be William Jewell College.

The College was opened to students (in the old Liberty Academy) on January 1, 1850, with Rev. J. S. Dulin as Principal and Professor of Ancient Languages, and Rev. T. F. Lockett as Professor of Mathematics. Dr. Dulin served as Principal until the close of the session of 1851-52. Then on account of financial embarrassment the school survived the year 1852-53 as a private enterprise.

In the meantime the foundation had been laid for the building now known as Jewell Hall, and by the summer of 1853 the structure had advanced towards completion so far as to admit of occupancy and use. It was not finally completed until 1858. The building was begun under the immediate superintendence of Dr. Jewell, who died in August, 1852, from the effects of exposure to the intense heat of that summer.

In 1853, the trustees resuming full control, called to the presidency Rev. R. S. Thomas, D. D., from a professorship in the State University at Columbia. This administration continued until the summer of 1855, when new financial trouble caused the suspension of the College for the next two years.

The College reopened in the fall of 1857 under the presidency of Rev. William Thompson, LL. D. Dr. Thompson was a graduate of the University of Edinburgh, and was a scholar of distinction and one of the most brilliant orators of his day. His administration lasted until June, 1861, when it was deemed prudent to suspend operations until by the return of peace, the conditions of the country should be more favorable for the prosecution of academic pursuits. There was, however, a school carried on in the college building during the years of the war whenever it was practicable.

Not until 1867 was it thought safe to reopen the institution. In June of this year, Rev. Thomas Rambaut of Louisville, Kentucky, was called to

the presidency. He was a graduate of Trinity College, Dublin, and was a man of wide experience in the management of educational enterprises. The first year of his incumbency was devoted to the reorganization and the increasing of endowment.

The reopening was on September 28, 1868, with Dr. Rambaut, President; R. B. Semple, Professor of Latin and French; A. F. Fleet, Professor of Greek and German; John F. Lanneau, Professor of Mathematics; James R. Eaton, Professor of Natural Sciences. Dr. Rambaut's administration ended in the spring of 1874 on account of ill health.

The office of President remained vacant until the summer of 1892. In the meantime the affairs of the College were administered by the Faculty, acting through a chairman. Professor William R. Rothwell was Chairman from 1873 to June, 1883, and Professor James G. Clark from that date until June, 1892.

The financial affairs of this period were in the hands of Lewis B. Ely of Carrollton, who had been a most ardent friend of the College. But previous to his election as financial agent in 1887, the Rev. W. Pope Yeaman, D. D., was appointed Chancellor of the College and for two years succeeded in enlarging the endowment.

In June, 1892, the productive endowment had been largely increased, several buildings erected, one of which was named in honor of the financial agent, Ely Hall, and several members added to the Faculty. Mr. Ely was also president of the Board of Trustees until his death in June, 1897.

In June 1892, Dr. John Priest Greene, pastor of the Third Baptist Church of St. Louis, was elected President of the College. Under his administration the number of students was greatly increased, a library with a capacity of 100,000 volumes was erected, also a modern dormitory and a most excellent science building. Many new departments of instruction were added. The crowning glory of Dr. Greene's presidency of twenty-seven years was that he held the College to the prime purpose of its establishment, namely, the thorough literary and scientific training of young men for Christian service.

On January 1, 1920, Dr. Greene resigned his office as President and was succeeded by Dr. David Jones Evans, who for many years had been Dean of Biblical Literature and Religious Education. Dr. Evans served until September 1, 1921, when he resigned to become Pastor of the First Baptist Church of Kansas City, Missouri. Dr. Greene was again requested to act as President until a suitable person could be found for the place.

On March 29, 1923, the Trustees of the College elected as President Dr. Harry Clifford Wayman of Louisville, Kentucky. Dr. Wayman was a professor in the Southern Baptist Theological Seminary. He served

until June 11, 1928.

On July 3, 1928, Mr. John F. Herget was selected by the Trustees for the presidency. Mr. Herget is an alumnus of William Jewell. He came to the college as its president from a pastorate of twenty-five years of Ninth Street Baptist church, Cincinnati, Ohio.

CHOOSING A COLLEGE

The choice of a college is an important matter to every person seeking an education, but it is especially so to students having definite professional aims in view.

Professional schools, especially those of **engineering** and **medicine**, impose rigorous preliminary requirements upon their students. The first two years of college work nearly always determine the ability and fitness of a student for the line of study he has in mind. If this work is done in a poor school or poorly done in a good school, the student will suffer a serious handicap in pursuing his advanced studies. The significance of this latter statement will be evident to any medical student who has attempted to enter any of the standard medical colleges. For example, the Harvard Medical School seldom accepts more than fifty per cent of the applicants from Harvard University itself and thirty per cent of those from other colleges and universities. The same might be said of the medical departments of some of our neighboring universities. It is therefore evident that graduation from a large university itself does not insure admission to the medical department of that institution.

What then should a student do to make sure that he will not be denied first class training after doing his pre-medical work? The answer is this—he must not only do his pre-medical work in well equipped laboratories and under competent instructors but he must acquire high standing in his classes. The dull or lazy student will find it difficult to gain admission to a good medical college even if he is a graduate of a standard university.

STANDING OF WILLIAM JEWELL

William Jewell College is a member of the North Central Association of Colleges and Secondary Schools, and is also approved by the Association of American Universities.

CAMPUS AND BUILDINGS

Grounds

The College campus consists of one hundred acres of wooded upland situated just within the northern and eastern corporation limits of the city of Liberty. The buildings are located on the "old Hill," surrounded with historic associations.

The athletic field of twenty acres is at the foot of the College Hill. It contains a quarter-mile and a 220-yard straight away cinder track, a football field and a baseball diamond. Eight tennis courts are provided in the vicinity of the gymnasium.

Buildings and Equipment

Jewell Hall

Jewell Hall is the oldest of the college buildings on the Hill. It was built in the early fifties, Dr. Jewell, the founder of the College, himself superintending the work. It is a brick structure containing the recitation and lecture rooms of languages, literature and history. The literary societies also have rooms in this building. The Conservatory of Music is on the third floor.

Marston Science Hall

The science hall is located at the southern extremity of "The Hill" and contains the class rooms and laboratories of biology, chemistry and physics as well as some allied subjects. Most of the first and second floors are occupied by the department of chemistry. The third floor is given over to physics and the fourth floor contains the museum and the department of biology. This building is of modern, fireproof construction, and is valued at \$225,000. It is especially designed for science work and is a model of its kind.

Marston Science Hall was named in honor of Doctor S. W. Marston who had great interest in the development of the physical and biological sciences. Mr. E. W. Marston, son of Doctor Marston, contributed very liberally to the erection and equipment of the building.

Gano Assembly Hall

The friends of the College, realizing the great inconvenience suffered for years because of a lack of an adequate room for daily assemblies, have recently given in cash and pledges sufficient money to build a new assembly hall. The principal donor to this much needed building on the Hill was a friend in Kansas City. The building is named the "Gano Assembly Hall" in honor of Reverend John Gano, the great grandfather

of this donor. This distinguished minister of the Gospel established the First Baptist church in New York City, served as chaplain in Washington's army and enjoyed the most intimate friendship of that great American. The building is now completed, being located at the extreme north end of the quadrangle and facing south. It seats about 1100 persons. The administrative offices are also in this building.

Gymnasium

The new Brown Gymnasium has just been completed at a cost of \$150,000. It is located on the drive just east of Gano Chapel, and north of the site of the old gymnasium.

The building measures 88 by 110 feet, and has a main auditorium that will seat 2,000 persons. It is equipped with a swimming pool, measuring 20 by 75 feet. In the front of the building are offices for the director of physical education and the coach of athletics. On the second floor in the front of the building there is a private gymnasium for the faculty equipped with two hand-ball courts. Other features are: A hall for the girls; a room, equipped with showers, for visiting teams; an indoor dirt practice track; class rooms for instruction in physical education; ample locker rooms and shower baths; rooms equipped for hot steam baths; modern ventilating system, and other features which make this one of the finest gymnasiums in this section of the country.

New Ely Hall

New Ely Hall, the men's dormitory, is a large, three-story brick and stone building on the college hill. It is a beautiful, thoroughly fire-proof structure offering modern accommodations to over a hundred men. The appointments provide all the modern conveniences of showers, abundant lavatory equipment, electric lights, etc. The large and comfortable lobby with its piano and fireplaces provides a recreational center.

Old Ely

Old Ely Hall, situated in the midst of the central buildings of the campus, is an historical and beautifully ivy covered three-story brick structure. The first floor is given over to the college barber shop, the offices of the Student and the Tatler, central offices of the debate squad, and the women's retiring room. The other two floors provide additional living accommodations for men of the college.

Women's Dormitory—Melrose Hall

This is a beautiful modern home for girls. It is under the supervision of Mrs. H. I. Hester. This dormitory will accommodate fifty-eight girls. Melrose Hall stands on a wooded hill-top overlooking the beautiful

country north and east of Liberty. It contains, besides dormitory facilities, two conference rooms, two kitchenettes and pressing rooms, laundry room, infirmary, and a guest suite. A large living room and music room offer means for social intercourse. Two girls occupy a room. The cost for each person is from \$25 to \$30 per term of twelve weeks, according to the size and position of the room.

The cost of board is \$60.00 per term of twelve weeks. The same prices obtain here as do in the boys' dormitory. All non-resident girls will be expected to live in the College dormitory. Permission to live elsewhere must be secured from President Herget.

Everything is furnished for rooms except towels, sheets, pillow slips, bed covering, window curtains, table napkins, napkin rings and irons.

For convenience in bringing furnishings, the following dimensions are given: dresser 40x20 inches, highboy 36x20 inches; desk 48x30 inches; single beds, sheets 50x90 inches; pillows 27x18 inches.

Room and board together cost from \$85 to \$90 per term of twelve weeks each, payable in advance. There are three terms in the school year.

The total necessary year's expense (including tuition and fees) for a woman rooming and boarding in Melrose Hall should not exceed \$480.00.

To reserve a room, the student should send \$5.00 to H. B. Early, Ass't. Treasurer. This will be credited on the room rent.

The Library

The Library occupies a handsome modern building, the gift of Mr. Andrew Carnegie, and other friends of the College. It has 36,040 accessioned volumes classified according to the Dewey system and fully catalogued. In the large reading room may be found encyclopedias, dictionaries, and such modern works as are needed for reference. The reading room receives regularly about 140 periodicals selected so as to help students in the various courses of their college work. At least 60 of the best magazines are bound, and are accessible to the students. The library is especially rich in the stock of bound magazines covering the last third of a century.

The library and reading room are open from 7:50 a. m. until 6:00 p. m., except Saturday afternoons, and on Monday, Tuesday, Wednesday and Thursday evenings from 7:30 to 9:45.

The Spurgeon library of 7,000 volumes occupies a large section. The records of the Missouri Baptist Historical Society are in Marston Hall. Professor H. I. Hester is custodian of these records.

Power Plant

All of the buildings on the Campus are heated by steam from a central power plant which is valued at \$40,000.00. This adds to the com-

fort of those living in the dormitories as it eliminates all coal dust and smoke from their rooms.

The Co-operative Book Store

The Co-operative Book Store is situated in the south end of the basement of Gano Hall. Books and other school supplies may be purchased here at reasonable prices.

The store is conducted under the supervision of the Faculty of the College. Its earnings are used to improve the campus.

The William Jewell Press

The William Jewell Press, established in 1914, has become interwoven into the warp and woof of the life of the college and the welfare of a considerable portion of the student body is affected by it. It is the busiest spot on the campus except during an intercollegiate game. At present thirty-one young men and young women are earning all or part of their college expenses in this printing shop.

This establishment has grown with the college. It now occupies most of the ground floor of the new Gano Memorial Chapel building, requiring about four thousand square feet of floor space for its type cabinets, presses, imposing tables, working quarters and office space.

In addition to its function as a means of subsistence for students while in college, it has a positive educational and preparatory capacity as well, though it is not listed in the curriculum of the college. It teaches the student a trade. "Many students who have learned the fundamentals of the printing trade at the William Jewell Press are now instructors of printing in high schools and technical schools throughout the country. School boards seek the young men who have received their training here for their vocational shops."

The Press started in 1914 with a small bindery as an adjunct of the library, employing one student. The next year a small press was installed for the printing of the forms used by the college and another student was hired. In 1916 another press was donated by Mr. T. O. Sims, of St. Joseph, who also furnished about \$150 worth of type. That same year, a fund of \$3,500 was provided by M. C. Treat, Pasadena; W. D. Johnson, Kansas City; C. Q. Chandler, Wichita; E. S. Pillsbury, St. Louis, and G. M. Smith, Kansas City. Pictures of these men hang on the walls of the Press office.

The Press has been under the management of Mr. Harvey J. Ray since 1921. Experienced printers wishing to attend William Jewell should apply to the manager if they wish employment.

COST OF ATTENDING WILLIAM JEWELL COLLEGE

Fees and Expenses

The necessary expenses for a student boarding and rooming in the college dormitories are from \$410.00 to \$475.00 per year.

For cost of room and board in dormitories see pages 12 and 13.

ALL TUITION AND FEES PAYABLE IN ADVANCE.

Tuition, per term	\$50.00
Tuition, per term, for ministerial students and sons and daughters of ministers	25.00
Tuition, per term, for students taking one subject.....	15.00
Tuition, per term, for students taking two subjects.....	30.00
If more than two subjects are taken full tuition will be charged.	
Gymnasium fee per term.....	2.00
Physical examination fee, per year	2.00
Caution fee	5.00

The caution fee will be refunded to the student on his withdrawal from college, less whatever charges may be against him for damage to college property.

Student activity fee, per term.....	4.00
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This fee will be apportioned as follows: In the fall term, \$2.00 for athletics, \$1.00 for the Student, \$1.00 for music. In the winter term, \$2.00 for athletics, \$1.00 for the Student and \$1.00 for the library. In the spring term, \$2.00 for forensics, \$1.00 for athletics and \$1.00 for the Library.

The Student activity fee is payable in cash and is non-returnable. It cannot be included in any scholarship or in any other form of gifts or credit that does not provide the actual cash.

Laboratory and Special Fees, Payable in Advance

Laboratory fee in chemistry.....	\$5.00
Laboratory fee in physics.....	2.50
Laboratory fee in biology, except 28 and 28a.....	2.50
Laboratory fee in biology, 28 and 28a.....	5.00
Fee in graphics.....	2.50
Education 11 and 13.....	1.00
Geology.	1.00
Astronomy (fall and winter terms only).....	1.00

The diploma fee for graduates is \$5.00.

Late Enrollment

On page 2 of this catalog will be found the periods of time set aside for classification and payment of fees for each term of the school year 1928-1929.

For failure to matriculate and be classified within the period set therefor, an extra fee of \$3.00 will be charged and in addition to this, an extra fee of \$3.00 will be required for late payment of regular fees. These extra fees will be reduced to \$2.00 each for new students.

Refunds

Since the college, in good faith, employs its faculty and incurs all of its educational expenses for the year in advance, there can be no refund of any tuition or fees for any reason. And there will be no refunds under any circumstances on room rent, but unused portions of advanced payments on board will be returned in cases of protracted illness certified to by an attendant physician, and then only for so much time as the student was prevented thereby from attending to his or her college duties.

Reduced Tuition

William Jewell College gives reduced tuition to ministerial students and sons and daughters of ministers. To secure reduced tuition each student for the ministry must present either ordination papers or a license to preach or the formal approval of his church.

OPPORTUNITIES FOR SELF-HELP

About one hundred students earn at least a part of their expenses while in college.

There is a demand in Liberty for help in keeping furnaces, waiting tables, carrying papers, house cleaning and various other kinds of odd jobs. A good many students work in stores, garages, printing offices and restaurants. The College also offers employment to a number of students about the campus and in buildings.

Students wishing employment on the campus should correspond with Professor J. E. Davis, Liberty, Mo. The College has no control of work out in town. To secure such it is necessary for a student to make application in person to those needing help. Mr. Harvey Ray, manager of the William Jewell Press, employs a limited number of students, preferably those with experience in the printing business.

Loan Funds and Scholarships

A loan fund of \$3,000.00 is available for the benefit of students worthy of financial aid. All funds provided by churches or individuals and designated for certain students will be administered according to the wishes of the donors.

Competitive Scholarships

The A. R. Levering Scholarship is awarded to the sophomore making the most satisfactory record in his freshman year at William Jewell College.

The L. B. Ely Scholarship is awarded to the junior making the most satisfactory record as a sophomore.

The John Sillers Scholarship is awarded to the senior making the most satisfactory record in his junior year.

These scholarships provide full tuition for one year and are awarded to applicants by the faculty. They do not include special fees.

The Marston Scholarship yields about \$250.00 annually and is for a William Jewell College graduate in Brown University. It is open to competition under rules prescribed by the faculty. The scholarship was founded by Mr. E. L. Marston, son of Rev. S. W. Marston, D. D.

The estate of La Verne Noyes of Chicago assigned to William Jewell College five full scholarships for the year 1928-29 to be used by ex-service men or the children of ex-service men.

Non-Competitive Scholarships

The following scholarships are governed by the College and will be granted to applicants whom the College thinks most worthy of receiving them.

Students pursuing any mode of living not conducive to economy or engaging in extravagant habits will not be given the scholarships.

The R. E. Turner and the Elizabeth Johnson Scholarships are available for either literary or ministerial students.

The following scholarships are awarded to ministerial students only:

Three scholarships, known as the James G. Clark Memorial Scholarship, the W. B. Ballew Scholarship, the W. F. Elliott Scholarship, the Mrs. Mary Elliott Scholarship, the H. W. Gilliam Scholarship, the Mildred Ely Montgomery Scholarship, the Thos. F. Melvin and Wife Scholarship, the William M. Senter Scholarship, the Joint Scholarship of William Anderson Crouch, a Baptist preacher, and Martha Alice Crouch, his wife.

Besides these scholarships, there is a scholarship fund maintained by the friends of the College from which needy and worthy students may receive aid.

Students receiving these scholarships are required to work for the College at least one hour per day and are expected to room and board in the College dormitories.

PRIZES

The William M. Fitch Prize—William M. Fitch, '93, offers a \$20.00

gold medal annually to the student who writes the best essay on some specified sociological subject.

The Frank B. Hearne Medal in Chemistry—By the will of Mrs. Roberta Lee C. Hearne of Independence, Missouri, "the Trustees of William Jewell College are directed to purchase annually a medal to cost approximately \$50.00, such medal to be known as the Frank B. Hearne Medal to be awarded annually as a scholarship medal for excellency in the study of chemistry. At the discretion of the Trustees, and with the approval of the recipient, the sum of \$50.00 in gold coin may be awarded. The bequest is in affectionate remembrance of her husband, Frank B. Hearne, whose college education was obtained at William Jewell." This prize will in general be awarded to a member of the graduating class, but in exceptional circumstances may be given to a lower class man.

ROOM AND BOARD

There are two dormitories for men and one for women. These dormitories were built for the accommodation of students and not for the purpose of making money. Board and room are given at actual cost. It is the desire of the College to make the dormitories good places in which to live and study.

The dormitories are modern in equipment. The rooms are comfortable, and neatly furnished with everything necessary except bed covers, sheets, pillow cases, towels and window curtains, which are furnished by the occupants. Students are required to keep their own rooms clean and in good order.

Men's Dormitories

The cost of rooms in New Ely ranges from \$18.00 to \$25.00 per term of 12 weeks. The College reserves the right to place at least two students in a room. The chart of prices indicates the number of students who may occupy a room.

Freshman boys are required to room and board in the College dormitories. Exceptions to this rule will be made in case students live in the community or work in town for their board or room.

Discipline in Dormitories

Discipline in the men's dormitories is in charge of the superintendent of the dormitories, the matron of the dining hall, and the discipline committee. Discipline in Melrose Hall is in charge of the directress of women and the discipline committee.

If it should become necessary to dismiss a student from a dormitory on account of misconduct, his future relation to the College will be determined by the faculty.

No refund will be made to a student on either board or room if it becomes necessary to dismiss him from a dormitory on account of bad conduct, since the money paid by such a student does not meet the expense incurred by such behavior.

Plats of the dormitories will be found on pages 62, 63. In order to reserve a room the student must send H. B. Early, the Assistant Treasurer, \$5.00 which will be applied on the room rent. This sum will be forfeited if the room is not occupied.

Board

The dining hall for men is in New Ely dormitory, and for women, in Melrose Hall. The former has a seating capacity of 250 persons and the latter 75. Both are equipped with every modern device for preparing food in the best approved manner. The College has its own dairy herd of fifteen pure-bred cows that are tested annually. The cost of board for the term of approximately 12 weeks is \$60.00.

Board and room rent are payable for one term of 12 weeks in advance.

The total necessary expenses for a student rooming and boarding in the college dormitories range from \$410.00 to \$475.00 per year.

There will be no refunds under any circumstances on room rent, but unused portions of advanced payments on board will be returned in cases of protracted illness certified to by an attendant physician, and then only for so much time as the student was prevented thereby from attending to his or her college duties.

REQUIREMENTS FOR ADMISSION AND GRADUATION

How to Enter William Jewell College

Graduates in the regular college entrance course of an approved high school or academy are admitted to William Jewell College without conditions. Such students should request an officer of the high school to send an official transcript of their entrance credits to the Dean of William Jewell College, Liberty, Missouri. The College prefers to have these credits on its own blanks which the student will find in this college bulletin on the inside of the back cover.

Since freshmen, with some exceptions, are required to room and board in the college dormitories, they should select a room early in the summer and reserve it by sending Mr. H. B. Early \$5.00 as part payment on the rent. The positions and prices of rooms may be found on page 57.

In case a student is not a graduate of an approved high school, he should have an official transcript of his credits sent to the Registrar and

receive from him a statement as to the number of units that will be granted.

After presenting his entrance credits and reserving a room, the student has no other arrangements to make until coming to Liberty, then the Registrar will give him a course of study, after which he will pay fees and begin work.

Students coming from other colleges must bring honorable dismissals. Those wishing to enter later than two weeks after the beginning of a term should correspond with the Registrar before coming to Liberty.

No one is permitted to enter a course of study later than two weeks after class work has begun, unless he can show that he has already done the missing work in a satisfactory manner in an accredited school.

Scholastic Requirements for Entrance

Applicants who have graduated from the regular college entrance course of an approved high school or academy are admitted to William Jewell College without condition. They should request the proper high school officer to send an official transcript of their credits to the Dean of William Jewell College, Liberty, Missouri. A blank on which the student may have his credits sent may be found on a detachable sheet inside the back cover of this bulletin.

In case a student is not a graduate of an approved high school, 15 units are required. These must include:

- 2 units of one foreign language.
- 3 units of English.
- 2 units of mathematics (1 algebra, 1 plane geometry).
- 1 unit of laboratory science.
- 1 unit of history.
- 6 units elective.

He may have an official transcript of his credits sent to the Registrar and may receive from him a statement as to the number of units that will be accepted.

A student may also enter William Jewell with twelve units done in an approved senior high school as recommended by the North Central Association of Colleges and Secondary Schools.

A unit of work is the standard unit of the high schools, approved by the Superintendent of Public Schools of Missouri.

Conditioned Freshmen

A student offering 15 units, but deficient in not more than one unit, caused by a lack of specific requirements, may enter college as a conditioned freshman. This condition must be removed, however, by the beginning of his sophomore year. It is sometimes necessary for a student to make up the deficiency in the college department. In that case

12 hours will count as one unit. Examinations will be arranged for those desiring them, not later than two weeks after the student enters college.

A student coming from another college must provide an honorable dismissal from the college last attended, and also a transcript of grades. These credentials should not be presented by the student himself but should be sent directly from the college issuing them.

By permission of the Registrar a student may take not more than two subjects and be listed as a special student. For students so listed a special rate of tuition will be charged in addition to registration, caution and student activity fees.

The College reserves the right to refuse admittance to a student whose high school record or moral life seems to make him unfit for college work.

Degree Conferred

William Jewell College grants only one degree, namely, the Bachelor of Arts. This degree will be conferred upon students who have satisfied the entrance requirements and have completed 186 term hours of college work in the manner prescribed under Specific Requirements for Graduation.

SPECIFIC REQUIREMENTS FOR GRADUATION

PLAN OF MAJORS AND MINORS

1. All college courses are classified in a general way under three groups which, for convenience of reference, will be designated by I, II, III, as follows:

- I. Latin, Greek, French, German and Spanish.
- II. Mathematics, chemistry, physics and biology.
- III. History and political science, the social sciences, philosophy, education, Bible and advanced English.
- IV. All other subjects taught.

2. On entering college a student is required to take in his freshman year the following subjects:

Freshman English, one foreign language and one subject from either mathematics, physics, chemistry or biology.

3. Three term hours of hygiene and sanitation are required for graduation and also six hours of Bible, namely, Bible 1a, 2a, 3a.

4. After completing the freshman work a student must choose one of the twelve majors and its three prescribed minors as shown in the table of majors and minors (See page 61). A major is nine terms of

work in one subject (unless otherwise stated) taken in regular sequence, and of not less than four hours per week. A minor is six terms of work with such exceptions as appear in the table.

All other work necessary to make the 186 hours for graduation is elective.

The maximum amount of credit a student may receive in one department is sixty hours.

5. Any senior having fulfilled all other requirements for graduation with his class except the lack of not more than twelve (12) term hours may, by permission of the Faculty, do this work in absentia, and thereupon be graduated as of his class, provided he complete this deficiency before February 1st of the following year. Such a student may participate only in the graduating exercises of the class following the completion of his work, but will be graduated as of his own class.

6. A student having completed in William Jewell College the required work for graduation may, with the approval of the Faculty, finish the work for the A. B. degree by one year of satisfactory work done in an A-grade technical school. (This privilege will not be granted to a student of low scholastic ability or one having more than a normal year's work to complete for graduation.)

7. Students offering three or more years of college work from other institutions must complete their entire senior year's work (not less than 45 hours) in William Jewell College in order to acquire the A. B. degree in this institution.

GENERAL REGULATION

Classification

To be classified as Freshman a student must present 15 units as described on page 20.

To be classified Sophomore all conditions for entrance must have been removed and at least 36 term hours of college work completed.

To be classified Junior, at least 84 term hours, and as Senior at least 132 term hours must be presented, and in addition to this there must also be at least 84 and 132 honor points respectively to entitle students to these classifications.

In each of these cases the student's work must be of such a kind as to lead to graduation in the normal time.

Grading, Examination, Honor Points

1. Grades are expressed by the letters A, B, C, D and F. The first four letters indicate grades ranging in order from 100 per cent down to 60 per cent. F means failure.

2. The grade A entitles a student to three honor points per credit hour. B carries with it two such honor points per hour and C one honor point per hour. No honor points are given for the grade D. In arriving at student averages the grade F is assigned one negative honor point per credit hour, but this is not done when determining a student's classification.

The number of honor points won by a student determines his scholastic rating.

3. In classes of more than 14 students the number of those receiving a grade of A is limited to 25 per cent of the class. A teacher may disregard this rule, however, provided he limit the number of A grades in his whole department to 25 per cent of the number of students.

4. No student is admitted to examination in a subject in which the number of his class absences has reached 25 per cent of the total number of recitations.

5. In order to be admitted to a final examination a student must have acquired a class grade of at least D (60 per cent). No second examinations are permitted because of failures, except that a senior may be granted one re-examination as a senior privilege.

6. College students are limited to 18 hours of work per week. Less than 12 hours of work per week cannot be carried without the permission of the Registrar.

7. Students are not permitted to drop or exchange a study later than one week after recitations begin, without consent of the Registrar.

8. The College reserves the privilege of omitting courses, the demand for which is not sufficient to justify their being given.

Incomplete Work

If at the close of any term a student's grade is reported as "incomplete," he must make up the deficiency prior to the examination period of the next following term or a grade of F will be recorded and the student barred from further participation in any course to which the deficiency is a prerequisite.

Correspondence

The College will not accept for graduation work done by correspondence from any institution except those of high standing having regularly organized correspondence departments, and then in no greater amount than one-fourth of the number of term hours required for graduation. Not more than fifteen term hours of correspondence work will be accepted in any one department of instruction.

Student Conduct

It is assumed that every student matriculating in William Jewell College agrees to conduct himself in a manner conducive to the highest sort of mental and moral development. The faculty reserves the right to send any student home whose habits are considered inconsistent with the ideals of the institution.

Hazing in any form is contrary to the wishes of both the trustees and faculty of the College. The domination by force of one class by another is now regarded by the best colleges and universities as contrary to the spirit of modern education.

Class Attendance

Students are required to attend classes regularly. A grade of zero will be given for each class absence. This zero grade may be removed by the student's making up the work with the permission of the teacher.

Penalties for Absences

(a) For a total number of twelve absences from any class or classes or chapel assembly in one term one negative hour shall be assigned.

(b) Each absence on the day immediately before or after a holiday or vacation shall count as three absences.

Chapel.

All students are required to attend chapel exercises, which are held on Tuesday, Wednesday and Thursday at 10:35. This convocation is not only for the purpose of holding religious exercises, but also to hear public announcements and to cultivate college spirit and good fellowship.

For each 12 unexcused absences from chapel, one negative hour will be given. Excuses from chapel are issued by the chapel committee.

PREPARATION FOR PROFESSIONAL SCHOOLS

The best schools of law and medicine require a minimum amount of specific college work for entrance, in addition to graduation from a four-year high school. They also place particular emphasis upon the **quality** of this work and also the **personality** and **adaptability** of the candidate for admission.

Two years of college work is still the minimum **quantitative** requirement for entrance to some well approved professional schools, but there is a strong tendency to raise this amount to three years. The medical department of the University of Missouri has announced this change to take effect in 1928-1929.

Even after graduation from college, which is required in some institutions, it is not always possible for a student to gain admission to the

professional school of his choice. The Harvard Medical School chooses only 125 men out of about 600 qualified applicants. The Yale School of Law bases its selection of candidates upon quality of college record, an aptitude test and letters of recommendation, in addition to the quantity of preparation.

Students interested in a medical education should secure a pamphlet issued by the Council of Medical Education and Hospital, 535 North Dearborn street, Chicago, Ill. This booklet contains a good deal of information about medical schools besides a list of minimum requirements.

For students wishing to do only two years of college work before entering a professional school the following outlines are recommended:

TWO-YEAR PRE-MEDICAL COURSE

Freshman Year

Fall term		Winter term		Spring term	
Gen. Chem.	5 hrs.	Gen. Chem.	5 hrs.	Gen. Chem.	5 hrs.
English	4 "	English	4 "	English	4 "
For. Lang.	4 "	For. Lang.	4 "	For. Lang.	4 "
Biology	4 "	Biology	4 "	Biology	4 "
Total	17 "	Total	17 "	Total	17 "

Sophomore Year

Fall term		Winter term		Spring term	
Org. Chem.	5 hrs.	Org. Chem.	5 hrs.	Org. Chem.	5 hrs.
Bacteriol.	4 "	Physiology	4 "	Embryol'y	4 "
Physics	4 "	Physics	4 "	Physics	4 "
For. Lang.	4 "	For. Lang.	4 "	For. Lang.	4 "
Total	17 "	Total	17 "	Total	17 "

TWO-YEAR PRE-LEGAL COURSE

Freshman Year

Fall term		Winter term		Spring term	
English	4 hrs.	English	4 hrs.	English	4 hrs.
Anc. Hist.	4 "	Mod. Hist.	4 "	Mod. Hist.	4 "
Sci. or Math.	5 "	Sci. or Math.	5 "	Sci. or Math.	5 "
For. Lang.	4 "	For. Lang.	4 "	For. Lang.	4 "
Total	17 "	Total	17 "	Total	17 "

Sophomore Year

Fall term		Winter term		Spring term	
Eng. Const. Hist.	4 hrs.	Am. Const. His.	4 "	Am. Hist.	4 hrs.
Intro. Pol. Sci.	4 "	European Gov.	4 "	Am. Gov.	4 "
For. Lang.	4 "	For. Lang.	4 "	For. Lang.	4 "
Eng. Lit.	4 "	Shakespeare	4 "	Eng. Lit.	4 "
Total	16 "	Total	16 "	Total	16 "

PRE-ENGINEERING COURSE

Freshman Year

Fall term		Winter term		Spring term	
Col. Alg.	5 hrs.	Trigonom.	5 hrs.	Adv. Alg.	5 hrs.
English	4 "	English	4 "	English	4 "
Gen. Chem.	5 "	Gen. Chem.	5 "	Qual. Anal.	5 "
For. Lang.	4 "	For. Lang.	4 "	For. Lang.	4 "
Total	18 "	Total	18 "	Total	18 "

Sophomore Year

Fall term		Winter term		Spring term	
An. Geom. & Cal.	5 hrs.	Calculus	5 "	Calculus	5 "
Physics	4 "	Physics	4 "	Physics	4 "
For. Lang.	4 "	For. Lang.	4 "	For. Lang.	4 "
Mech. Draw.	4 "	Mech. Draw.	4 "	Mech. Draw.	4 "
Total	17 "	Total	17 "	Total	17 "

These courses may be varied somewhat according to the kind of engineering desired.

PRE-COMMERCE COURSE

Freshman Year

Fall term		Winter term		Spring term	
English	4 hrs.	English	4 hrs.	English	4 hrs.
For. Lang.	4 "	For. Lang.	4 "	Math.	5 "
Math.	5 "	Math.	5 "	Economics	4 "
Com. Geog.	3 "	Econ. Hist.	3 "	For. Lang.	4 "
Total	16 "	Total	16 "	Total	16 "

Sophomore Year

Fall term		Winter term		Spring term	
Eng. Lit.	4 hrs.	Shakespeare	4 hrs.	Eng. Lit.	4 hrs.
Economics	4 "	Economics	4 "	Economics	4 "
Pol. Sci.	4 "	Europ. Gov.	4 "	Am. Gov.	4 "
For. Lang.	4 "	For. Lang.	4 "	For. Lang.	4 "
Total	16 "	Total	16 "	Total	16 "

BIBLE DEPARTMENT

Professor Hester

A major in this department must include courses 11a, 12a, 13a, 8, 9, 10, and 31, 32, 33. A minor is any six of the above courses taken in their proper order.

1a, 2a, 3a, Bible History. Required for graduation. Fall, winter and spring terms. Two sections, 1:15 on Tuesdays and Thursdays and on Wednesdays and Fridays. Credit 2 hours each. The aim of this course is to give the student a knowledge of the chief events in Bible history. Fall and winter terms are devoted to a study of introductory matters and Old Testament history. The spring term is used in the study of the interbiblical period and New Testament history.

Textbooks: Bible, American Standard Version; A Class Book of Old Testament History (Maclear); Between the Testaments (Grant); Library References; Studies in the New Testament (Robertson).

8-9, 10. Life of Christ. Apostolic Age. Christian Ethics. Fall, winter and spring terms at 9.40. For freshmen. Credit, 4 hrs. each. A careful study of the principal facts in the life of Christ with special attention to the development of His mission. And a course that takes up the history of the Christian movement at the ascension of Jesus, tracing the development through the work of the Apostles during the first century. In the spring term as careful study as the time will permit is made of the ethical teachings of Jesus.

Textbooks: Bible, American Standard Version; The Days of His Flesh (Smith); The Life and Letters of St. Paul (Smith); The Ethic of Jesus (Stalker); Library References.

31-32, 33. History of Christianity. Prerequisite, one course of college history. A rapid review of the first century and a study of the development of Christianity from the close of the Apostolic Age to the present time. Christian missions, a study of modern missions and the needs and opportunity for missionary service in the world today. Fall, winter and spring terms at 7.50. Credit, 4 hrs. each.

Textbooks: The History of the Christian Church (Fisher); The Progress of World-Wide Missions (Glover); The Religions of the World (Grant); Library References.

11a-12a-13a. Greek New Testament. Fall, winter and spring terms at 9.40. Prerequisite, Greek 23 (two years of Greek). Credit, 4 hrs. each. In these courses the student is made familiar with the main differences between classical and the New Testament Greek. One of the Gospels and one of Paul's epistles are read in Greek. Grammar is studied

and translations from English into Greek required. (See department of Greek.)

41b. **Organization and Administration of Religious Education.** Fall term T., Th., at 2.10. Prerequisite, Educ. 13. Credit, 2 hrs.

42b. **The Teaching of Religious Education.** Winter term. T., Th., at 2.10. Prerequisite, Educ. 13. Credit, 2 hrs.

43b. **The Efficient Church.** Spring term. T., Th., at 2.10. Prerequisite, Educ. 13. Credit, 2 hrs.

BIOLOGY

Professor Elmore, Miss Elmore and Assistants

Any six courses constitute a minor and any nine a major.

21-22. **General Zoology.** Fall and winter terms. Lectures T., Th. at 9.40. Laboratory 4 hrs. per week. For freshmen. Credit, 4 hrs. per term. A course dealing with the general principles of biology and giving a general view of all of the animal phyla. Text: *College Zoology* (Hegner).

23. **General Botany.** Spring term. Lectures T., Th. at 9.40. Laboratory 4 hours per week. For freshmen. Credit, 4 hours. A brief survey of the plant kingdom with special attention to the Phanerogams. Part of the time is given to a study of the local flora and the preparation of an herbarium. *21, 22, 23, prerequisite to all other courses in the department.* Text: *Principles of Botany* (Bergen and Davis).

28-28a. **General Bacteriology.** Fall and winter terms. Lectures T., Th. at 11.00. Laboratory M., W. at 2.10. Prerequisite, Chemistry 1a, 2a, 3a. Credit, 4 hours each term. Fundamental principles of Bacteriology, including the relation of bacteria to industries and disease. Laboratory work is coordinated with the principles developed in the lectures, with emphasis upon technique. Typical pathogenic and non-pathogenic bacteria are studied. Text: *Bacteriology* (Buchanan).

30. **Botany.** Spring term. Lectures T., Th. at 11.00. Laboratory, 4 hours per week. Credit, 4 hours. A course in general botany treating of the structure, physiology, and relationships of plants. Text: *Principles of Botany* (Bergen and Davis), and *Plant Histology* (Chamberlain).

29. **Human Physiology.** Winter term. Lectures M., W. at 11.00. Laboratory, 4 hours per week. Prerequisite, 32. Credit, 4 hours. A study of the anatomy and physiology of the human body. The laboratory work consists of a study of the gross and microscopical structure of organs and of physiological processes. Text: *Textbook of Anatomy and Physiology* (Williams).

32. **Histology.** Fall term. Lectures, M., W. at 11.00. Laboratory, 4 hours per week. Prerequisite 21, 22 and 23. Credit, 4 hours. A study of the microscopic structure of animal tissues and the methods of histological work. Text: *Manual of Normal Histology* (Hill).

27. **Embryology.** Spring term. Lectures, M., W. at 11.00. Laboratory 4 hours per week. Prerequisite, 29 and 32 or 34 and 25. Credit, 4 hours. A study of embryological development as illustrated in

the chick. Lectures deal with the development of sexual cells, cleavage of the egg, formation of principal organs, and the differentiation of tissues in vertebrates. Text: Vertebrate Embryology (Shumway), and Laboratory Outlines (Lillie).

34. Entomology. Fall term. Lectures M., W. at 11.00. Laboratory, minimum 4 hours per week. Credit, 4 hours. An elementary course dealing with the structure, physiology, development, classification, and economic relations of insects.

25. Comparative Anatomy of the Vertebrates. Winter term. Lectures M., W. at 11.00. Laboratory, 4 hours per week. Credit, 4 hours. A study of the comparative development of the various systems and organs of vertebrate animals, their structure and homologies. The laboratory work consists of a comparative study of Amphioxus, lamprey, dogfish, turtle, and cat. Text: Vertebrate Zoology (Newman).

33. Systematic Botany. Fall or spring term. Lectures Mon. at 9.40. Laboratory, 6 hrs. per week. Credit, 3 hrs. Prerequisite, Biol. 21, 22, 23, 30. A study of local flora and the principles of classification of seed plants.

33a. Systematic Botany. Fall or spring term. Lectures Mon. at 9.40. Laboratory, 12 hrs. per week. Credit, 6 hrs. Prerequisite, Biol. 21, 22, 23, 30. A study of local flora and the principles of classification of seed plants.

Courses 21, 22, 23, 27, 28, 30, 31 will be given every year.

Courses 25, 29, 32, 34, will be given in alternate years.

Courses 34, 25, 29, 32 will be given in alternate years; 34 and 25 in 1929-1930.

Laboratory hours for courses 21, 22, 23 are as follows: For boys—first division, Monday, 9.00-11.00 and Friday, 2.10-4.00; second division, Monday and Wednesday, 2.10-4.00; third division, Saturday, 8.00-12.00. For girls—Tuesday and Thursday, 2.10-4.00.

The College has an herbarium consisting of about 5000 specimens collected in thirty-six states and foreign countries. Among the foreign countries represented are India, Palestine, Germany, Belgium, France, and England. Included in the herbarium is a large collection from Wisconsin by Dr. J. S. Douglas and one from Shelby County, Missouri by C. A. Ripley. Plants from India, Palestine, and some from Europe are from W. T. Elmore.

CHEMISTRY

Professors Weida and Walker and Assistants

Any three years of chemistry constitute a major and any two years a minor.

1a—2a. General Chemistry. Fall and winter terms. Lectures M., W., F. at 9.40. Laboratory, two periods weekly. For freshmen. Credit, 5 hrs. per term. Students who offer chemistry for college entrance will be enrolled in this course, but may be given special work suited to their advancement. Chem. 1a covers the general introduction to chemistry and the non-metallic elements. Chem. 2a takes up the metals. Text: Newth's Inorganic Chemistry.

3a. Qualitative Analysis. Spring term. Prerequisite, Chem. 2a, of which this course is a continuation. Lectures W., F. at 9.40. Laboratory, three periods weekly. Credit, 5 hrs. Lectures will embrace general chemical theory including the elements of physical chemistry.

7-8. Quantitative Analysis. Fall and winter terms, at 1.15. Laboratory, M., W., F. at 2.10. For sophomores and juniors. Prerequisite, Chem. 3a. Credit, 5 hrs. each. Text: Popoff's Quantitative Analysis. The course includes gravimetric analysis, volumetric analysis and various forms of standard methods for the determination of the chemical elements.

9a. Physical Chemistry. Spring term. M., W., F. at 1.15. Laboratory, T., Th., at 1.15. Prerequisite, Chem. 8. Credit, 5 hrs. For juniors and seniors. Text: Millard, Physical Chemistry.

5-6. Organic Chemistry. Fall and winter terms. M., W., F., at 7.50. Laboratory, T., Th., at 2.10. For sophomores and juniors. Prerequisite, 3a. Credit, 5 hrs. each per term. Text: Theoretical Organic Chemistry—Cohen.

13. Synthetic Organic Preparations. For juniors and seniors. Spring term T., Th., at 7.50. Laboratory, M., W., F., at 2.10. Prerequisite, Chem. 6. Credit, 5 hrs. Advanced preparation of carbon compounds. Special topics in organic chemistry.

14-15. Water Analysis. Fall and winter terms at 11.00. Laboratory hours to be arranged. For juniors and seniors. Prerequisite, Chem. 8. Examination of water, including standard bacteriological practice. Credit, 5 hrs. each per term. Text: A. P. H. A. Manual and Mason's Water Supply.

16. Special Methods of Quantitative Analysis. Spring term at 1.15 M., W., F. Laboratory, M., W., F., at 2.10. For juniors and seniors.

Prerequisite, Chem. 8. Parr's Fuel and Gas Analysis. Special methods, including fuel and gas analysis. The work in courses 14, 15, 16 may be varied somewhat to suit the need of the individual student. Credit, 5 hours.

Students preparing for engineering should take at least two years of physics, and two years of mathematics in addition to chemistry. Those expecting to study medicine should take at least one year of physics and one, or preferably, two in biology, in addition to a minimum of three years of chemistry.

Students preparing for graduate work in chemistry should take two years of German, two years of French and mathematics thru the calculus.

The work of the senior year in chemistry may be modified to suit the individual student. The professor should be consulted.

All laboratory work up to the senior year will come regularly afternoons from 2.10 to 4. Sections will be so alternated that any student may take any two sciences without conflict, at least in the elementary classes.

For courses 14-15, 16 alternate courses may be offered in 1929-1930.

EDUCATION

Professors Sullivan and Frederick

Courses 11, 12a, 13, 14, 15, 19, 24, 21a and 18a form a major in education. Twenty-four hours in education form a minor. The following courses are recommended for a minor: 11, 13, 14, 19, 24, 21a.

11. General Psychology. It is the purpose of this course to give a general treatment of main elements, facts and principles of psychology. Inherited traits, instincts, reflexes, emotions, central nervous systems and the various mental processes are a few of the topics studied in the course. Fall term, M., T., W., T. at 7.50, 9.40, 1.15. Credit, 4 hours.

12a. Applied Psychology. A study of the application of the principles of General Psychology in various lines of work, such as law, medicine, business, industry. Special attention will also be given to educational and vocational guidance. Winter term. M., T., W., Th., 7.50, 9.40, 1.15. Prerequisite, 11. Credit, 4 hours.

13. Educational Psychology. A study of the facts and principles of the learning process, and an application of the methods and results of experimental psychology to the problems of class room instruction. A few of the topics studied are the learning process, habits, association, individual differences, intelligence, memory, and types of tests. Spring term. 7.50, 9.40, 1.15. Prerequisite, 11. Credit, 4 hours.

14. Technique of Teaching in H. S. An intensive study of principles underlying the teaching process, an evaluation of the common and newer teaching procedures, and a consideration of the general factors in teaching as reviews, assignments, etc. Required by the state department of education. Should be taken before special methods courses. Fall term. T., W., Th., at 9.40. Freshmen not admitted. Prerequisite, 11 or 13. Credit, 4 hours.

15. Principles of Secondary Education. This course seeks to discover and apply the fundamental social and psychological principles upon which the organization and administration of the high school should be based. Required by the state department of education. Winter term. T., W., Th., F. at 9.40. Freshmen not admitted. Prerequisite, 14. Credit, 4 hours.

101. Special Methods in the Teaching of the Social Studies. This course concerns itself first with the selection of subject matter for high school courses in history, civics, sociology, etc. Second with the application in detail of the fundamental principles developed in course 14, "Technique of Teaching." Winter term. T., W., Th., F. Freshmen not admitted. Prerequisite 14 and 2 years or 24 Jewell hours in history,

political science, sociology, economics. Credit, 4 hours. Hours to be arranged.

19. **Extra-Curricular Activities in the Secondary School.** The aim of this course will be to secure a practical and working knowledge about a progressive attitude toward, and a constructive philosophy of extra-curricular activities. Lectures, readings, discussions, case studies and reports will be employed. Topics will include: the old and new attitude, social and psychological bases, initiating, organizing, financing a program, sponsorship, dangers and limitations, etc. Special attention will be given athletics, clubs, debating, assemblies, student participation in control, "social" life, advisors, publications, drives, honor societies, glee clubs, commencements. Prerequisite, education 13. Spring term. T., W., Th., F. at 9.40. Credit, 4 hours.

102. **Special Methods in the Teaching of Science.** Same course as 101 for students preparing to teach physics, chemistry, biology, general science, hygiene, zoology, etc. Winter term. T., W., Th., F. Freshmen not admitted. Prerequisite, 14 and 2 years or 24 Jewell hours in science. Credit, 4 hours. Hours to be arranged.

17. **Public School Administration.** For students interested in preparing for administrative positions. Attention will be given the national system of education, state, county and district organization, financial problems, consolidations, city or town administration, etc. Winter term. T., W., Th., F. at 1.15. Freshmen not admitted. Prerequisite, 15 and 16. Credit, 4 hours.

24. **Educational Sociology.** A critical analysis of the school as a social and telic institution, including the relation of the school to other social institutions and modern social problems. Freshmen not admitted. Fall term. T., W., Th., F., at 11.00. Credit, 4 hrs.

21a. **History of Education.** A brief study of the systems of Greece and Rome and of the development of the school during the middle ages. Special emphasis will be given to the development of the educational systems of modern European nations and the United States. Winter term. T., W., Th., F., at 11.00. Credit, 4 hrs.

18a. **Mental and Educational Tests and Measurements.** A study of the formation, standardization and application of mental and educational tests and measurements with special reference to the use of these tests in public school systems. Spring term. T., W., Th., F., at 11.00. Prerequisite, 11 or 13. Credit, 4 hrs.

25. **High School Organization and Administration.** Considers problems in relation to provisions for individual differences, promotion, graduation, elimination, study halls, libraries, schedule making, home room,

hand-book, blanks and forms, ability grouping, noon hour, length of periods, absences, attendance, marking systems, faculty meetings, transfer of pupils, the first day of school, the cafeteria, failure, care of building and equipment. Fall term. T., W., Th., F. at 1.15. Credit, 4 hours.

17a. **Supervision of Instruction.** Considers problems involved in the selection, training and supervision of teachers. Attention will be given the improvement of teachers in service, rating scales, supervision, visitation, promotion, uses of tests and measures in supervision, etc. Spring term. T., W., Th., F. at 1.15. Credit, 4 hours.

23. **Observation and Practice Teaching.** Two weeks are devoted to a study of practice teaching plans and procedure; two weeks to observation of the work conducted in the classes in which practice work is to be done; four weeks to responsible conduct of class work and two weeks to teaching special types of lessons. The last two weeks of the term are given to a study of special problems and to observation. Prerequisite, 14. This course will be planned for any student for the subject and hour which suits best so far as this can be done. Arrangements must be made with the head of the department of education.

CERTIFICATES

Students interested in the requirements for elementary and secondary teachers' certificates should consult the head of the department of education.

Education 17, 17a and 25 are intended for those students who wish to prepare themselves for positions as superintendents and principals of high schools. Students taking these courses must have the approval of the teacher in charge and the head of the department of education.

TEACHER APPOINTMENT BUREAU

The College has established an Appointment Bureau for the purpose of assisting William Jewell men and women in securing teaching positions. It is the desire of the bureau to serve all students, those in attendance at present and also former students. Students and graduates who are interested, should communicate with the bureau. Application blanks for enrollment will be furnished upon request. An enrollment fee of \$2.00 will be charged each applicant. Address all communications to Professor J. B. Sullivan, 604 E. Kansas, Liberty, Missouri.

ENGLISH

Professors Fruit, Harvey and Miss Henderson

Courses in Journalism, Public Speaking and Dramatics do not count toward a major.

15. **English Composition.** Professor Harvey. Fall term. T., W., Th., F., at 8.45, 11.00, and at 1.15. Prerequisites, college entrance requirements in English. Required of all freshmen. Credit, 4 hrs. Texts: Practice Handbook in English Composition—Harvey; Century Vocabulary Builder—Greever and Bachelor; What Can Literature Do for Me—Smith; How to Study in College—Headley; The Mind at Work—Lyman. The essentials of prose composition and much writing. Daily written exercises are required. The spelling requirement imposed by the faculty is met in this class. Courses 16 and 17 are a continuation of this one.

16. **Composition.** Professor Harvey. Winter term. Hours as in 15. Prerequisite, 15. Required of all freshmen. Credit, 4 hrs. The purpose of this course is to give training in the methods, structure, and style of the forms of prose composition.

17. **Composition.** Professor Harvey. Spring term. Hours as in 15. Prerequisites, 15, 16. Required of all freshmen. Credit, 4 hrs. Special study and practice in narration and description.

18. **Journalism.** Gathering news. Professor Harvey. Fall term. Prerequisites, 15, 16, 17. Hours, 9.40, twice a week, days to be arranged. Credit, 2 hrs. Text: Newspaper Writing and Editing—Bleyer. For members of the Student staff and its reporters.

19. **Journalism.** Problems of Reporting. Professor Harvey. Winter term. Hours as in 18. Prerequisite, 18. Credit, 2 hrs. For members of the Student staff and its reporters. Analysis of news values and the problems of reporting. Discussion of fair play and accuracy.

20. **Journalism.** The Newspaper. Professor Harvey. Spring term. Hours as in 18. Prerequisite, 19. Credit, 2 hrs. For the members of the Student staff and its reporters. Reading copy and rewriting. Fundamentals of newspaper organization.

21, 22, 23. **Public Speaking.** Professor Harvey. Fall, winter and spring terms. Hours and days to be arranged. Prerequisites, 15, 16. Credit, 2 hrs. each. Intensive training in oratory and debate for the members of the intercollegiate debate squad and for the oratorical contestants.

30b. **"Survey of World Literature."** Miss Henderson. Fall term. T., W., Th., F. at 8.45 and 9.40. Prerequisites, English 15, 16, 17. Credit, 4 hrs. For sophomores.

30. "Survey of English Literature." Miss Henderson. Winter term. T., W., Th., F. at 8.45 and 9.40. Prerequisites, English 15, 16, 17. Credit, 4 hrs. For sophomores.

5. "Shakespeare as a Dramatist." Miss Henderson. Spring term. T., W., Th., F. at 8.45 and 9.40. Prerequisite, English 30. Credit, 4 hrs. For sophomores.

9. "Literature of the Victorian Era." Professor Fruit. Fall term. T., W., Th., F. at 7.50. Prerequisites, English 30 and 5. Credit, 4 hrs. For juniors and seniors.

36a. "Modern English Novel." Professor Fruit. Winter term. T., W., Th., F. at 7.50. Credit, 4 hrs. Prerequisites, English 30 and 15. For juniors and seniors.

35. "Esthetics and Criticism." Professor Fruit. Spring term. T., W., Th., F. at 7.50. Credit, 4 hrs. Prerequisite, General Psychology. For juniors and seniors.

*Not given in 1929-1930.

Debate. Public tryouts in debate are held in the fall term. All students are eligible to compete for membership in the debate squad. This work is under the personal direction of Professor Harvey who gives intensive training thruout the year to the selected squad.

DRAMATICS

Heretofore Dramatics in William Jewell College has been under the auspices of a loosely organized "dramatic club" wherein no serious attention was, or could be, given to the study of the Art of the Drama, and consequently no credit could be offered.

To dignify this activity as a part of the English curriculum the following course of instruction is arranged for.

38. "Dramatic Structure and Criticism." Miss Henderson. Fall term. At a convenient hour. Credit, 2 hrs.

39. "Stage-Craft." Miss Henderson. Winter term. At a convenient hour. Credit, 2 hrs.

40. "Reading, Dramatizing and Reviewing Plays." Miss Henderson. Spring term. Hours to be arranged. Credit, 2 hrs.

Note—The class will be limited in membership to twenty (20) selected from upper classmen at the discretion of Miss Henderson.

GEOLOGY

Professor Walker

Geology. 1-2. Winter and spring terms at 11.00. Credit, 4 hrs. each. Structural and historical geology. Text: College Geology—Chamberlin and Salisbury. Prerequisites, Chemistry 2a; Biology 21, 22, 23.

GRAPHICS

Professor Davis and Assistant

1a. Elements of Drafting. Use of instruments, applied geometry, freehand lettering; isometric projection. Course repeated fall, winter and spring terms at 2.10. M., W., or T., Th. Elective. Credit, 2 hrs. Text: Engineering Drawing—French.

2a. Projections. Orthographic projection, pictorial representation. Course repeated fall, winter and spring terms at 2.10. M., W., or T., Th. Credit, 2 hrs. Prerequisite, Graphics 1a. Text: Same as Graphics 1a.

3a. Applications of Drawing. Working drawings, sketches, tracings and duplication in blue-print. Course repeated fall, winter and spring terms at 2.10. M., W., or T., Th. Credit, 2 hrs. Prerequisite, Graphics 2a. Text: Same as Graphics 1a.

4a. Descriptive Geometry. Point, line and plane. Fall term at 2.10. M., T., W., Th. Credit, 4 hrs. Prerequisite, Graphics 3a. Text: Theory of Engineering Drawing—Adler. Upon presentation of plates showing satisfactory completion of the equivalent of courses 1, 2 and 3 a student may be enrolled in this course.

5. Descriptive Geometry. Surfaces, intersection and developments. Winter term at 2.10. M., T., W., Th. Credit, 4 hrs. Prerequisite, Graphics 4a. Text: Same as Graphics 4a.

6. Descriptive Geometry. Perspective projection, shades and shadows. Spring term at 2.10. M., T., W., Th. Credit, 4 hrs. Prerequisite, Graphics 5. Text: Same as Graphics 4a.

Graphics 1a to 6 are required for entrance to most engineering schools.

GREEK

Professor Derwacter

Courses 1d, 2d, 3d, 21, 22, 23 form a minor. Nine terms of Greek form a major.

1d-2d-3d. Elementary Greek. Fall, winter and spring terms at 11.00. Credit, 4 hrs. each.

21. Xenophon, Anabasis. Fall term at 2.10. Prerequisite, 3d. Credit, 4 hrs. The purpose of the course is to strengthen the student's knowledge of forms and syntax, and to increase his facility in the reading of easy Greek. A thorough study of Goodwin's Greek Grammar is made in courses 21, 22 and 23.

22. Herodotus, Selections. Winter term at 2.10. Prerequisite, 21. Credit, 4 hrs. Herodotus is studied both as a story teller and as a historian. Many of his most interesting stories are read. One purpose of the course is to increase the student's vocabulary.

23. Homer, Iliad. Spring term at 2.10. Prerequisite, 22. Credit, 4 hrs.

Bible, 11a-12a-13a. New Testament Greek. Fall, winter and spring terms at 9.40. Prerequisite, Greek 23 (two years of Greek). Credit, 4 hrs. each. In these courses the student is made familiar with the main differences between the classical Greek and the Koine Greek in which the New Testament was written. One of the Gospels and one or more of the epistles are read in Greek. Grammar is studied and translations from English into Greek are required.

*24. Plato, Apology and Crito. Fall term. Prerequisite, 23. Credit, 4 hrs.

*28. Euripides, Selected Plays. Winter term. Prerequisite, 24. Credit, 4 hrs.

*25 Sophocles, Antigone. Spring term. Prerequisite, 23. Credit, 4 hrs.

29. Septuagint. Fall term. A course in the Greek Old Testament as a background for the study of the New Testament. Prerequisite, 23. Credit, 4 hours.

30. Greek Papyri. Winter term. A study of some of the letters unearthed in Egypt, written in the vernacular of the first century. Prerequisite, 23. Credit, 4 hours.

*Will be given on sufficient demand.

HISTORY

Professor Knudson and Assistant

Nine terms of history or six terms of history and three terms of political science form a major. Any six terms form a minor.

1, 2-3. **Ancient and European History.** Fall, winter and spring terms. Lectures and class discussion. M., T., W., Th., at 1.15. T., W., Th., F., at 7.50 and 8.45. For Freshmen. Credit, 4 hrs. each per term. A general survey of ancient civilization and a study of the development of European civilization during the medieval and modern periods. Texts: Breasted, *Ancient Times*; Robinson, *History of Western Europe*, Vol. I and II.

8. **Social and Political History of the United States.** A survey of the formation and development of the national life of the United States up to 1828. Fall term. T., W., Th., F., at 1.15. Prerequisite, History 2, 3. Credit, 4 hrs. Text: Hockett—*Political and Social History of the United States—1492 to 1828*.

5. **Recent History of the United States.** Winter term. T., W., Th., F., at 1.15. Prerequisite, History 2 and 3. Credit, 4 hrs. This course is a continuation of Hist. 8 from 1829 to the present. Text: Schlesinger—*A Political and Social History of the United States, 1829-1925*.

9a. **History of American Foreign Relations.** Spring term. T., W., Th., F., at 1.15. Prerequisite, History 2 and 3. Credit, 4 hrs. A course dealing with the foreign policy of the United States and with current international problems. Text: Adams—*A History of the Foreign Policy of the United States*.

7 and 7b. **History of England.** A survey of English history with special emphasis on the social and political development of England. Fall and Winter terms. T., W., Th., F., at 11.00. Prerequisite, History 2 and 3. Credit, 4 hrs. Class notes on lectures, discussion, library reading and preparation of special topics are required.

7a. **The British Empire.** Spring term. T., W., Th., F., at 11.00. Prerequisite, History 2 and 3. Credit, 4 hrs. A study of British expansion overseas with special emphasis upon the history of Canada, South Africa, Australasia and India, and the problems of the British Commonwealth of Nations. Library reading and preparation of papers. Text: Robinson—*The Development of the British Empire*.

6. **The Renaissance and The Reformation.** Fall term. T., W., Th., F., at 11.00. Prerequisites, History 2 and 3. Credit, 4 hrs. A course dealing with the Renaissance movement in western Europe and a study

of the religious changes during the 16th and 17th centuries. Special emphasis given to the cultural, social and political history of the period. The various religious reforms in Germany, Switzerland and England will be studied.

6a. The French Revolution and Napoleonic Era. Winter term. T., W., Th., F., at 11.00. Prerequisite, History 2 and 3. Credit, 4 hrs. The causes leading up to the French Revolution of 1789 and an intensive study of the conflict between the old and the new regime which resulted in the triumph of revolutionary ideas. The course continues with a study of the Napoleonic wars with the final settlement in the Congress of Vienna in 1815.

4a. Advanced Modern European History. Spring term. T., W., Th., F., at 11.00. Prerequisite, History 2 and 3. Credit, 4 hrs. A study of the political and social development of Western Europe since 1815, with emphasis upon contemporary European civilization. Library reading and preparation of papers. Text: Political and Social History of Modern Europe, Vol. II—Hayes.

31, 32, 33. History of Christianity. Prerequisite, one course of college history. A rapid review of the first century and a study of the development of Christianity from the close of the Apostolic Age to the present time. Christian missions, a study of modern missions and the needs and opportunity for missionary service in the world today. Fall, winter and spring terms at 7.50. Credit, 4 hrs. each. (Identical with Bible 31, 32, 33.)

Courses 7, 7b, 7a, 6, 6a, 4a, will be given in alternate years; 6, 6a and 4a will be given in 1929-1930.

LATIN

Professor Moon

Courses 1d, 2d, 3d, 21, 22, 23 and three additional terms of four hours each, for which 23 is a prerequisite, form a major. Six consecutive terms of college Latin form a minor.

1a-2a-3a. **Beginning Latin and Caesar.** Fall, winter and spring terms at 1.15. Credit, 4 hrs. each term. This course is open for credit to those who offer two units of Latin or less for entrance.

1c-2c-3c. **Caesar and Cicero's Orations.** Fall, winter and spring terms, 8.45. Prerequisite, two entrance units in Latin. Credit, 4 hrs. each term. Latin composition will be given one day a week. Emphasis will be placed on word derivation. Some study will be made of Roman political institutions. This course is designed primarily for students who offer only two entrance units of Latin.

1d-2d-3d. **Ovid and Virgil's Aeneid.** Fall, winter and spring terms, 7.50. Prerequisite, three entrance units in Latin. Credit, 4 hrs. each term. Emphasis will be placed on the cultural aspect of the two poets.

21. **Cicero, De Amicitia, De Senectute.** Fall term at 9.40. Prerequisite, four entrance units of Latin. Credit, 4 hrs. The *De Amicitia* will be read carefully and the *De Senectute* more rapidly.

22. **Pliny, Selected Letters.** Winter term, 9.40. Prerequisite, four entrance units in Latin. Credit, 4 hrs. In this course some study will be made of Roman Life in the Silver Age. The epistolary type of literature also will be studied.

23. **Selections From Latin Authors.** Spring term, 9.40. Prerequisite, four entrance units in Latin. Credit, 4 hrs. In this course are included the best of the shorter poems in Latin literature, and selections from various prose writers.

*24. **Horace, Odes.** Fall term at 3.05. Prerequisite, 23. Credit, 4 hrs. Translation and interpretation of the Odes, and careful study of the metrical systems.

*25. **Cicero, Philosophical Works.** Winter term at 3.05. Prerequisite, 23. Credit, 4 hrs. The *Tuscular Disputations* will be as a basis for study.

*26. **Lucretius, De Rerum Natura.** Spring term at 3.05. Prerequisite, 23. Credit, 4 hrs. Critical study of Epicureanism as expounded by Lucretius.

*32. Tacitus, *Germania* and *Agricola*. Fall term at 3.05. Prerequisite, 23. Study of Tacitus' sources for the *Germania*, and the character of ancient biography.

*28. Latin Composition. Winter term at 3.05. Prerequisite, 23. Credit, 4 hrs.

*30. Juvenal. Spring term at 3.05. Prerequisite, 23. The origin and development of Roman satire. Study of social life at Rome in the first century, A. D.

*39. Seneca's *Epistles*. Fall term at 3.05. Prerequisite, 23. Credit, 4 hrs. Study of Greek and Roman philosophy, and the influence of Seneca on later literature.

*40. Roman Comedy. Winter term at 3.05. Prerequisite, 23. Credit, 4 hrs. Origin and development of Roman comedy. Not less than two plays of Terence or Plautus will be studied.

*41. Roman Elegy. Spring term at 3.05. Prerequisite, 23. Credit, 4 hrs. Selections from Tibullus and Propertius. Attention to contents, metre, and stylistic features.

*Given according to demand.

MATHEMATICS AND ASTRONOMY

Professor Denton and Mr. Burke

Courses number 11a, 11b, 15a, 15b, 17, 22, 25, 26, 34, and 36 are required for a major in mathematics. The first eight of these courses are required for a minor. Solid Geometry may not be substituted for a required course for either a major or minor in mathematics. Courses numbered 31 and 32 are primarily intended for students preparing to become engineers, but all who are majoring in mathematics are urged to choose these courses as electives.

10. Solid Geometry. Winter term. M., W., F., at 7.50. Credit, 3 hrs. Prerequisite, one unit each of algebra and plane geometry. For freshmen. An introduction to space relationships. Treating of planes, dihedral, trihedral, and polyhedral angles, prisms, pyramids, cylinders, cones, spheres, etc. May be elected by those who did not receive admission credit for it. Recommended for students who have not had solid geometry in high school and who expect to continue in mathematics beyond the freshman year.

11a. College Algebra. Fall term. M., W., F., at 8.45. Credit, 3 hrs. Prerequisite, one unit each in algebra and plane geometry. For freshmen. In addition to a rapid review of the fundamentals of secondary school mathematics this course includes systems of linear equations, quadratic equations, systems of second degree equations, determinants, inequalities, progressions, logarithms, etc. (Corresponds to Mathematics 12 of the 1928-29 catalog.)

11b. College Algebra. Winter term. M., W., F., at 8.45. Credit, 3 hrs. Prerequisite, Mathematics 11a. This course is a continuation of Mathematics 11a and treats of mathematical induction, binomial theorem, complex numbers, theory of equations, mathematics of finance, partial fractions, permutations and combinations, probabilities, and series. (Corresponds to Mathematics 14 of the 1928-29 catalog.)

15a. Plane Trigonometry. Fall term. Tu., Th., at 8.45. Credit, 2 hrs. Prerequisite, one unit each of algebra and plane geometry. For freshmen. This course treats mainly of the fundamentals of trigonometry and their applications to measurements, with special emphasis on tables and their uses. (Corresponds to the first half of Mathematics 13 of the 1928-29 catalog.)

15b. Plane Trigonometry. Winter term. Tu., Th., at 8.45. Credit, 2 hrs. Prerequisite, Mathematics 15a. This course is a continuation of Mathematics 15a and treats of those phases of trigonometry that are ap-

plicable to higher mathematics and to the solution of trigonometric equations. (Corresponds to the last half of Mathematics 13 of the 1928-29 catalog.)

17. **Plane Analytic Geometry.** Fall and Spring terms. Daily, at 9.40. Credit, 5 hrs. Prerequisite, Mathematics 11b and 15b. In this course the following topics will be considered: fundamental notions, equations and their graphs, the straight line, parabola, ellipse, hyperbola, transformation of coordinates, polar coordinates, higher plane curves, and the elements of curve fitting. (Corresponds to Mathematics 24 of the 1928-29 catalog.)

21. **Spherical Trigonometry.** Winter term. Tu., Th., at 9.40. Credit, 2 hrs. Prerequisite, Mathematics 15b. This course is intended for those students interested in higher mathematics and astronomy. It treats of polar triangles, right spherical triangles, oblique spherical triangles, and applications to spherical trigonometry. (Will not be given in 1929-30.)

22. **Solid Analytic Geometry.** Winter term. M., W., F., at 9.40. Credit, 3 hrs. Prerequisite, Mathematics 25. This course is intended for those students interested in higher mathematics or engineering. The following topics will be studied: general considerations, planes and lines, transformations of coordinates, types of surfaces, properties of quadratic surfaces, etc. (Will not be given in 1929-30.)

25. **The Calculus.** Winter term. Daily, at 9.40. Credit, 5 hrs. Prerequisite, Mathematics 17. The following topics will be studied: brief review of the underlying principles, general principles of differentiation, differentiation of algebraic, trigonometric, inverse trigonometric, logarithmic and exponential functions, applications of differentiation, higher derivatives, differentials, maxima and minima and their applications, integration, applications of integrations, etc.

26. **The Calculus.** Spring term. Daily, at 9.40. Credit, 5 hrs. Prerequisite, Mathematics 25. This course is a continuation of Mathematics 25 and includes successive integration, infinite series, expansion of functions, properties of plane curves, applications to geometry and mechanics, special integrals, differentiation and integration of functions of two or more variables, partial derivatives, multiple integrals, etc.

31. **Analytic Mechanics.** (Statics.) Fall term. Daily, at 7.50. Credit, 5 hrs. Prerequisite, Mathematics 26. The following topics will be studied: fundamental laws, conceptions and definitions, resultants of force systems, equilibrium of force systems, friction, first moments and centroids, second moment, etc. (Corresponds to Mathematics 29 of the 1928-29 catalog.)

32. Analytic Mechanics. (Kinematics and Kinetics.) Winter term. Daily, at 7.50. Credit, 5 hrs. Prerequisite, Mathematics, 31. The following topics will be studied: force, mass, acceleration, work, energy, impulse, momentum, etc. Special emphasis will be given the mathematics of these topics. (Corresponds to Mathematics 28 of the 1928-29 catalog.)

34. Differential Equations. Spring term. Daily, at 7.50. Credit, 5 hrs. Prerequisite, Mathematics 26. Differential equations of the first order and first degree and first order and higher degrees, singular solutions, linear equations with constant and variable coefficients, exact differential equations, integration in series, equations of the second order, ordinary differential equations of more than two variables, partial differential equations, and applications of the above principles to geometry, mechanics, and physics. (Corresponds to Mathematics 27 of the 1928-29 catalog.)

(This course alternates with Mathematics 36.)

36. Theory of Equations. Spring term. Daily, at 7.50. Credit, 5 hrs. Prerequisite, Mathematics 26. Complex numbers, theorems on the roots of an equation, constructions, cubic and quartic equations, graphs of equations, isolation of real roots of an equation, solution of numerical equations, determinants, systems of linear equations, symmetric functions, elimination, resultants, etc. (This course alternates with Mathematics 34.)

38a. Selected Topics from Higher Mathematics. Fall or winter term. Credit, 5 hrs. Prerequisite, Mathematics 34. Eulerian integrals, elliptic integrals, existence theorems, theory of complex variables, mathematical theory of probability, etc. Given only on sufficient demand. Hours to be arranged. (An additional quarter of work in this will be numbered 38b.)

1f. Descriptive Astronomy. Fall term. Tu., Th., at 7.50. Credit, 2 hrs. This course will take up the study of astronomical terms, stars, nebulae, planets, comets, satellites, telescopes, spectroscopy, paths of heavenly bodies, etc.

2w. Descriptive Astronomy. Winter term. Tu., Th., at 7.50. Credit, 2 hrs. Prerequisite, Astronomy 1f. Continuation of Astronomy 1f.

3s. Descriptive Astronomy. Spring term. Tu., Th., at 7.50. Credit, 2 hrs. Prerequisite, Astronomy 2w. Continuation of Astronomy 2w.

DEPARTMENT OF MODERN LANGUAGES—GENERAL REMARKS

In the early stages of the study of the languages taught in the Department, the student is made to learn the correct and standard pronunciation by means of the international phonetic symbols of sounds in such a way, that he not only learns to pronounce the French, German, and Spanish, respectively, but, by constant comparisons of the sounds of the foreign languages studied with those of English, he is enabled to appreciate a more correct pronunciation of his own native tongue.

By constant drill, the student learns the written and the spoken language; and by the middle of the second year of his studies, he is able to read and converse fairly well in the language studied.

Towards the end of the third year, the student surveys the entire field of the literature of the language he studies and gets acquainted with all its outstanding epochs, with the great master-minds and their dominating characteristics.

Having surveyed the field, the student then reads selections from the classics and from the romanticists of the respective literature under consideration.

During the reading of these selections the student is made to observe the essential difference between the view of life as portrayed in the literature studied as compared with the view portrayed in the English literature. In this respect, the student may rest assured that—as some American authors have expressed it—no literature has been so productive or so continuous as that of France, for instance, and certainly none so rich in criticism, in reflections on the manner of life.

As a final word we wish to say that the Department aims and endeavors to attain a high standard of scholarship and a high degree of co-ordination with all the other departments of William Jewell College by fostering the powers of accurate observation and rational comparison, by inculcating a finer taste for correct and agreeable speech sounds, thus strengthening in the student the analytical, the synthetical, and the artistic; the philosophical, the scientific, and the esthetic faculties of the mind.

FRENCH

Professor Bila

The following courses form a major in French; the first six from a minor.

1, 2, 3. **Elementary French.** (A course for beginners.) Fall, winter and spring terms. T., W., Th., F. at 11.00; M., T., W., Th. at 1.15. Credit, 4 hrs. each. Rudiments of the grammar; pronunciation, with special em-

phasis on the international phonetic symbols; inflection, the elementary laws of syntax and their application. Translations of selections from modern prose writers, with constant reference to morphology and idiom. Drill in regular verbs and in the more common irregular verbs.

4, 5, 6. **Intermediate course.** (Second year French.) Fall, winter and spring terms. T., W., Th., F. at 8.45. Credit, 4 hrs. each. Open to students who have completed the Elementary French (course for beginners) 1, 2, 3, or its equivalent of two years of high school French. The reading of a comparatively large amount of not too difficult French chosen from modern short stories and plays. Such works as Daudet's short stories, the plays of Labiche, selections from De Maupassant, About, Loti, and others. Conversation and summaries in French. Review of Grammar. Stress is laid on understanding the French without translation. It is the aim of this course to give a reasonable facility in the rapid reading of everyday French and a feeling for the spoken language together with the ability to write simple French with correctness.

7, 8, 9. **Introduction to French Classics.** (Third Year Course). Fall, winter and spring terms. T., W., Th., F. at 2.10. Credit, 4 hrs. each. Open to students who have completed the intermediate course or the equivalent. In these courses time is divided between the reading of plays by Moliere, Racine, and Corneille and those of the romanticists such as Hugo, De Musset, and others. About 1,400 pages of text is read.

10, 11, 12. **An Outline Study of the History of French Literature** (Survey Course). A general survey of French literature from the beginning to 1900, with illustrative readings. Earnestly recommended to those who expect to major in French and wish to prepare for work on the M. A. degree in that subject. This course is alternated with 7, 8, 9 and is, therefore, open to juniors, seniors and possibly to sophomores who have completed the Intermediate, or Second Year French. The course presupposes a good reading knowledge of French and the ability to follow the spoken language as well as to express oneself with reasonable ease in speaking and writing. Students who intend to take four years of French are advised to take this course before 7, 8, 9, if possible.

GERMAN

Professors Bila and Byrns

1d-2d-3d. **Elementary German.** Fall, winter and spring terms. T., W., Th., F., at 7.50. Credit, 4 hrs. each. Texts: First course in German—Schrage and Alexis; German Reader for Beginners—Pope; Immensee—Storm. The first term is devoted to grammar. With the second term the reading of simple German texts is begun and continued through the year. About 150 pages are read. With the grammar and

reading is combined a great deal of composition, both oral and written.

4, 5, 6. **Intermediate** (Second Year German). T., W., Th., F. at 8.45. Fall term. Prerequisite, 3d. Credit, 4 hrs. Oral and written work. Review of grammar. Essentials of German—Vos; Nachlese—Diamond and Reinsch. Winter term. Prerequisite, 4. Credit, 4 hours. With the reading of about 250 pages of such authors as Storm, Sudermann, Rosegger is combined practice in oral and written composition. Spring term. Prerequisite, 4. Credit, 4 hrs. Text: German Science Reader—Wait.

7, 8, 9. **Introduction to German Classics** (Third Year Course). Fall, winter and spring terms. T., W., Th., F. at 8.45. This course alternates with 4, 5, 6, and is, therefore, open to students who have completed 1, 2, 3 or its equivalent. In the interest of those who may wish to major in German, this course is conducted as a survey course of German literature, accompanied with illustrated readings mainly from the classical period.

SPANISH

Professor Byrns

Nine terms of Spanish form a major. Six terms a minor.

1-2. **Elementary Spanish**. Fall and winter terms. M., T., W., Th., at 1.15 and T., W., Th., F., at 9.40. Credit, 4 hrs. each. Grammar, composition and conversation. Text: First Spanish Course—Hills and Ford.

3a. **Elementary Spanish**. Spring term. M., T., W., Th., at 1.15 and T., W., Th., F., at 9.40. Prerequisite, 2. Credit, 4 hrs. Grammar completed. Short course in commercial Spanish. Text: Spanish Correspondence—Harrison.

4-5-6. **Second Year Spanish**. Fall, winter and spring terms. T., W., Th., F., at 7.50. Prerequisite, 3a. Credit, 4 hrs. each. Review of grammar with abundant practice in composition in connection with the reading of Spanish texts. The last term is devoted especially to the reading and interpretation of modern Spanish literature with some composition. Text: Spanish Composition—Crawford; works of Alarcon, Pardo-Bazin, and other modern authors.

7-8-9. **Advanced Spanish**. Fall, winter and spring terms at 2.10. Prerequisite 6. Credit, 4 hrs. each. A short course in Advanced Spanish composition will be given in the fall term. In the winter and spring terms there will be reading from such authors as Galdos, Blasco-Ibanez, Martinez Sierra, Cervantes, Gorostiza, Pereda, etc. Conversation and outside reading.

MUSIC

Professor Grosch

1, 2, 3. Music Appreciation. Fall, winter and spring terms. T., Th., at 1.15. For college students. Credit, 2 hrs. per term. A lecture course designed to enable the student to appreciate all forms of good music. A brief survey of the history of the art is made, and a number of great masterpieces are analyzed and studied.

4, 5, 6. Men's Glee Club. Fall, winter and spring terms. Tuesday afternoon at 4 o'clock. Open to regularly enrolled students of the college. The club makes two extended concert tours annually in addition to a number of local concerts. Credit, $\frac{1}{2}$ hour per term.

10, 11, 12. Women's Glee Club. Fall, winter and spring terms. Wednesday afternoon at 4 o'clock. For regularly enrolled college students. Local concerts are given by the club and one or more concert trips are taken during the year. Credit, $\frac{1}{2}$ hour per term.

7. Band. Fall term only. Thursday afternoon at 4 o'clock. Credit, $\frac{1}{2}$ hour. The band is used at many of the athletic events and other college activities.

8. Orchestra. Winter and spring terms. Wednesday afternoon at 5 o'clock. Credit $\frac{1}{2}$ hour.

Private lessons in voice, piano and violin may be had under competent instructors. Application should be made to the director of the department. The proximity to Kansas City affords exceptional opportunity for hearing noted visiting artists and symphony orchestras.

PHILOSOPHY

Professor Fruit

General psychology and two terms of philosophy may be offered as a half minor in group III.

4. Introduction to Philosophy. Professor Fruit. Fall term. M., T., W., Th., at 1.15. Prerequisite, Edu. 11. Credit, 4 hrs. This course is designed to give the beginner a perspective of what philosophy is about and how it may help him. Text: Introduction to Philosophy—Cunningham.

6. History of Philosophy. Professor Fruit. Winter term. M., T., W., Th., at 1.15. Prerequisite, Edu. 11. Credit, 4 hrs. Text: Rogers—Student's History of Philosophy.

3. Logic. Professor Fruit. Spring term. M., T., W., Th., at 1.15. Prerequisite, psychology. Credit, 4 hrs. This is an elementary course in the study of the aims and methods of thinking. Text—Creighton.

PHYSICAL EDUCATION

Professor Bowles and Associate Professor Collins

1, 2, 3. Physical Education—Practical. Fall, winter and spring terms at 11.00, 2.10, 3.05, and 4.00. One hour each period three times a week. Credit, one-half hour per term.

The following forms of exercise will be given throughout the year: Football, basket ball, baseball, track, tennis, handball, medicine ball, soccer, indoor baseball, gymnastics, wrestling, boxing.

Physical Education 1. Fall term. Classes in the following forms of exercise will be organized: Basket ball, tennis, handball, medicine ball, soccer, track and football, at the hours given above.

Physical Education 2. Winter term. Boxing, wrestling, handball, medicine ball, soccer, gymnastics, indoor baseball, track and basket ball will be given at the hours designated above.

Physical Education 3. Spring term. Basket ball, tennis, handball, track, football, medicine ball, soccer and baseball—see hours named above.

All students in the freshman and sophomore classes are required to spend at least three hours per week in some form of athletic sport approved by the faculty. Credit toward graduation will be given at the rate of $\frac{1}{2}$ hour per term. A maximum of six hours may be offered toward graduation, in addition to the credit for courses 7, 8, 9.

7, 8, 9. Principles of Coaching. Fall, winter and spring terms. Lectures, Tuesday and Thursday at 11.00. Prerequisites, actual participation in one of the major sports. Freshmen are not admitted to these courses. Credit, 2 hours per term. Bibliography, history and development; equipment of teams; conduct of a season of football, basket ball, baseball, games; track and field athletics.

No one will be recommended for a position as Athletic Coach or Director of athletics who has not completed these courses.

Additional courses in Physical Education will be required of those who expect to teach in the high schools of Missouri.

HYGIENE AND SANITATION

Professor Bowles

1, 2, 3. Fall, winter and spring terms. Monday at 11.00. Required for graduation. This course must be taken in the freshman or sophomore year unless deferred by advice of the Registrar. Credit, 1 hr. per term.

In these courses will be discussed the fundamental laws of health and the health relations of the individual to the community.

This requirement will be made of all students entering college after June, 1924.

PHYSICS

Professors Davis, Walker and Mr. Burke

Courses 1, 2, 3, and any six additional courses of physics form a major; 1, 2, 3, and any three additional courses form a minor.

1-2-3. General Physics. Fall, winter and spring terms. Lectures, T., Th., at 11.00. Two laboratory periods per week. For freshmen. Credit, 4 hrs. per term. Students offering physics for entrance as well as those who are taking the subject for the first time are enrolled in this class. The equivalent of 1, 2, and 3, is required of all students entering medical or engineering schools, elective by all others. Students offering physics for entrance may enter physics 2 without physics 1. A First Course in Physics for colleges.—Milliken, Gale, Edwards.

The purpose of these courses is to give information in the field of mechanics, heat, sound, light, and electricity, to the student desiring a general education.

4. Mechanics. Fall term. Lectures, M., W., F., at 11.00. Two laboratory periods per week. For sophomores. Prerequisites 3 and Math. 15a and 15b. Credit, 5 hrs. Courses 4, 5, and 6 comprise the second year of general physics. Discussion of force, machines, liquids and gases.

5. Heat, Light and Sound. Winter term. Lectures, M., W., F., at 11.00. Two laboratory periods per week. For sophomores. Credit, 5 hrs. Prerequisites 3 and Math. 15a and 15b. This course is founded on the theory of the transmission of energy by wave motion.

6. Electricity. Spring term. Lectures, M., W., F., at 11.00. Two laboratory periods per week. Prerequisites, 3 and Math. 15a and 15b. For sophomores. Credit, 5 hrs. Text: *Physics for Technical Students*—Anderson. This deals with the elements of electricity and magnetism and is prerequisite to 10a, 10 and 11; 4, 5, and 6 are required of all engineering students; 4 and 6 are required for entrance to some medical schools.

4, 5, 6 are required for entrance to technical schools. These courses offer a study of theoretical laws and their application to industry. Students offering one year of Physics for entrance and Math. 15a and 15b may take 4, 5, 6 without 1, 2, 3.

***9. Heat and Light.** Winter term. Lectures, conferences and laboratory daily at 9.40. Prerequisite, 5. For juniors and seniors. Credit, 5 hrs. A general discussion of the transmission of energy by wave motion and an introduction to spectrum analysis. Text: *Heat for Advanced Students*—Edser.

7. **Electron Theory.** Professor Walker. Fall term. Lectures at 9.40 M., T., W., Th., F. Prerequisite 6 and Chemistry 3a., or Chem. 6 and Phys. 3. For juniors and seniors. Credit, 5 hrs. Course includes the electron theory, discharge through gases, x-ray, radioactivity, principles of photography, heat and light. Atomic structure and other topics of importance in modern physics and chemistry. Recommended for all advanced students in chemistry and physics.

12. **Surveying.** Spring term at 2.10. Prerequisites, 3 and Math. 15a and 15b. Credit, 5 hrs. Text: Theory and Practice of Surveying—Johnson-Smith. In the classroom the theory of surveying will require about one hour per week. The rest of the time will be given to field work. This course requires a two-hour period.

10a. **Electricity and Magnetism.** Fall term. Lectures, conferences and laboratory, daily at 8.45. Prerequisites, Phys., 6 and Math. 26. Credit, 5 hrs. This course is a preparation for electrical engineering and is required of all engineers. The fundamental principles underlying the generation, distribution and use of electricity are discussed. Text: Timbie and Bush—Principles of Electrical Engineering.

10. **Direct Current Electricity.** Winter term. Lectures, conferences and laboratory, daily at 8.45. Prerequisites 6 and Math. 26. Credit, 5 hrs. Direct current machinery including dynamos, motors, coils and batteries as well as the distribution and use of the current will be discussed. Text: Pender—Direct Current Machinery.

11. **Alternating Currents.** Spring term. Lectures, conferences and laboratory, daily at 8.45. Prerequisite, 10. Credit, 5 hrs. Theory and practice in the generation, transmission and use of the alternating current. Text: Timbie—Alternating Currents.

In so far as possible all laboratory periods will be arranged from 2.10 to 4.00.

*This course may not be given in 1929-1930.

POLITICAL SCIENCE**Professor Knudson**

10. **European Governments.** Fall term. T., W., Th., F., 8.45. For Sophomores. Credit, 4 hrs. The constitutional organization and practical workings of the principal governments of Europe. Text: Munro—Governments of Europe.

1. **American Government.** The Nation. Winter term. T., W., Th., F., 8.45. Credit, 4 hrs. A basic course dealing with the fundamental principles of political science and the organization, principles and functions of American government. Chief emphasis will be placed on the study of the United States Constitution and the science of government from a national viewpoint. Text: Ogg and Ray—Introduction to American Government.

2. **American Government.** The States. Spring term. T., W., Th., F., 8.45. Credit, 4 hrs. An intensive study of the organization and development of state and local government will be made. The chief problems confronting state governments such as methods of election, initiative and referendum and other important state governmental questions will receive consideration. Text: Ogg and Ray—Introduction to American Government.

SOCIAL SCIENCE**Professor Howd and Assistant.**

Sociology. Major, nine courses; minor, six courses.

31. **Introduction to Sociology.** Fall term. T., W., Th., F. at 9.40. Credit, 4 hours. A general introduction to the study of society, with particular emphasis upon the forces shaping social development. The course is designed to aid students in observing the phenomena of society and in recording their observations and in reading and interpreting the literature of the subject. For sophomores.

4. **Social Psychology.** Winter term. T., W., Th., F. at 9.40. Credit, 4 hours. The way in which human personality and social groups are built up and function, with special emphasis upon the influence of native and environmental forces. While there are no prerequisites except sophomore standing, the student would do well to take Sociology 31 and Education 11, general psychology, before taking this course.

32. **Social Pathology.** Spring term. T., W., Th., F. at 9.40. Credit, 4 hours. A study of the maladjustments of society, their causes, preventative and proposed remedies. Prerequisites, Sociology 31 and 4.

34. **The Family.** Fall term. M., T., W., Th., at 1.15. Credit, 4 hours. A genetic study of the family, with particular emphasis upon the effect of modern conditions and movements upon the institution. Prerequisites, Courses 31 and 4.

35a. **Race Problems.** Winter term. M., T., W., Th. at 1.15. Credit, 4 hours. A study of the facts of race differences, physical, psychological, and social, and some of the chief problems arising out of the mingling of peoples. Prerequisites, courses 31 and 4.

3a. **Rural and Urban Sociology.** Spring term, at 1.15. Credit, 4 hours. A study of the genetic and historical development of rural and urban groups; of isolation, contact and accommodation in these environments. Attention is given to the influence of economic factors such as transportation and communication, occupations and vocations, in their effects upon the traditions and attitudes of these groups. Prerequisites, courses 31 and 4.

ECONOMICS

Major nine courses, minor six courses.

37. **Introduction to Economics.** Fall term. T., W., Th., F. at 7.50. Credit, 4 hours. The purpose of this course is to acquaint the student with industrial society in its relation to competition, production, distribution, consumption, exchange and other economic problems. During the fall term particular attention will be paid to the general economic organization, exchange, price, money, banking and foreign trade. For sophomores.

37a. **Introduction to Economics (Continued).** Winter term. T., W., Th., F. at 7.50. Credit, 4 hours. A continuation of 37, dealing with distribution, public finance, labor problems, and other problems. Prerequisite, 37.

38. **Labor Problems.** Spring term. T., W., Th., F. at 7.50. Credit, 4 hours. A study of the development of a "working class," the philosophy of individualism and Laissez Faire, growth of machine production, combinations of labor and capital, relations of labor to law and government. Prerequisite, Econ. 37a.

7. **Commercial Geography.** Fall term. T., W., Th., F. at 8.45. Credit, 4 hours. A study of the natural resources of the world and their development as these are related to modern social and political life. For sophomores.

8. **European Economic History.** Winter term. T., W., Th., F. at 8.45. Credit, 4 hours. The backgrounds and development of modern eco-

conomic institutions as these have developed in western Europe. For sophomores.

9. **American Economic History.** Spring term. T., W., Th., F. at 8.45. Credit, 4 hours. The settlement and growth of the United States, with special reference to the economic aspects of that development. For sophomores.

STUDENT ACTIVITIES

Y. W. C. A. An organization of all the girls in the College for religious and social activities.

Y. W. A. A College Young Women's Auxiliary is an organization devoted especially to missionary study.

The Student Volunteer Band. A group of boys and girls who have given their lives to definite Christian service.

The Ministerial Group is an organization of ministerial students. They meet for the purpose of religious discussion and devotion.

Publications. The William Jewell Student is published weekly by the student body. The Tatler is published annually by the Junior Class.

Musical Organizations. A band, an orchestra, and two glee clubs are organized each year.

The Khem Club is an organization of men devoted to the study of chemistry and related scientific subjects.

The Gamma Club is an organization of women devoted to the study of chemistry and related scientific subjects.

Beta Beta Beta. A national organization of advanced biology students is represented by the Lambda Chapter.

Beta Lambda. A women's organization of advanced biology students.

The Keats Club is an organization for the study and discussion of literature.

The International Relations Club devotes itself to the study of international problems.

The J. P. Fruit Dramatic Club is interested in theatrical entertainment in general and in stage representation.

The Classical Club is devoted to the study of the classics.

Pi Kappa Delta. A national forensic honorary fraternity, has a chapter in William Jewell College. Thirty intercollegiate debates are held annually.

Sigma Tau Delta. National organization of students who are interested in creative writing.

Gamma Pi Epsilon. An organization composed of editors of student publications.

J. Club. An organization composed of men who have won their "J" in at least one of the major sports, such as football, basket ball, baseball, track and tennis.

THE ALUMNI ASSOCIATION

Headquarters: Liberty, Missouri

President: Maurice Winger, Kansas City, Missouri,

Secretary: J. E. Davis, Liberty, Missouri.

Local associations are sustained in St. Louis, Kansas City, St. Joseph and Chicago.

The future success of William Jewell College depends largely upon the efforts of the Alumni Association.

It is the desire of the Trustees and Faculty of William Jewell to secure a still closer cooperation of the alumni with the direct interests of the College. The alumni are urged to keep themselves informed as to the ideals, the policies and the needs of their Alma Mater, and to see that the institution is conducted on the highest plane of efficiency and economy, both as to administration and teaching.

PRICES FOR ROOMS PER TERM FOR EACH BOY

Description of Rooms	Price for one student in room	Price each for two students in room
South rooms on east and west ends	\$35	\$25
North rooms on east and west ends	\$32	\$22
South single closet rooms	\$30	\$20
North single closet rooms	\$28	\$18
South double closet rooms		\$25
North double closet rooms		\$23
Old Ely: all large rooms. No plat.		\$20

In the plat of New Ely dormitory single-closet rooms will be marked, S, and double-closet, D.

PRICES FOR ROOMS PER TERM FOR EACH GIRL

Prices: Corner rooms, \$30.00 per term. All other rooms, \$25.00 per term.
(There will be two girls in each room.)

SCHEDULE FOR 1929-1930

7:50

8:45

9:40

10:35

11:05

FALL			WINTER			SPRING		
Courses	Prerequisites	Cr. Hrs.	Courses	Prerequisites	Cr. Hrs.	Courses	Prerequisites	Cr. Hrs.
Bible 31	4 hr. Hist.	4	Bible 32	4 hr. Hist.	4	Bible 33	4 hr. Hist.	4
Chem. 5	3a	5	Chem. 6	5	5	Chem. 13	6	5
Edu. 11	Fr.	4	Edu. 12a	11	4	Edu. 13	11	4
Eng. 9	30, 5	4	Eng. 36a	30, 15	4	Eng. 35	Edu. 11	4
Hist. 1	Fr.	4	Hist. 2	Fr.	4	Hist. 3	2	4
Latin 1d	3U	4	Latin 2d	1d	4	Latin 3d	2d	4
Math. 81	26	5	Math. 10	2U	3	Math. 34 or 36	26	5
Astron. 1f	Fr.	2	Math. 32	31	5			
German 1d	Fr.	4	Astron. 2w	1f	2	Astron. 3s	2w	2
Span. 4	3a	4	German 2d	1d	4	German 3d	2d	4
Econ. 37	Soph.	4	Span. 5	4	4	Span. 6	5	4
			Econ. 37a	37	4	Econ. 38	37a	4
Eng. 15	Fr.	4	Eng. 16	15	4	Eng. 17	15, 16	4
Eng. 30b	15, 16, 17	4	Eng. 30	15, 16, 17	4	Eng. 5	30	4
Hist. 1	Fr.	4	Hist. 2	Fr.	4	Hist. 3	2	4
Latin 1c	2U	4	Latin 2c	1c	4	Latin 3c	2c	4
Math. 11a	2U	3	Math. 11b	11a	3			
Math. 15a	2U	2	Math. 15b	15a	2			
Fr. 4	3	4	Fr. 5	4	4	Fr. 6	5	4
German 4 or 7	3d	4	German 5 or 8	4	4	German 6 or 9	4	4
Phys. 10a	6, Math. 26	5	Phys. 10	6, Math. 26	5	Phys. 11	10	5
Pol. Sc. 10	Soph.	4	Pol. Sc. 1	Soph.	4	Pol. Sc. 2	Soph.	4
Econ. 7	Soph.	4	Econ. 8	Soph.	4	Econ. 9	Soph.	4
Courses	Prerequisites	Cr. Hrs.	Courses	Prerequisites	Cr. Hrs.	Courses	Prerequisites	Cr. Hrs.
Bible 8	Fr.	4	Bible 9	Fr.	4	Bible 10	Fr.	4
Bible 11a	Gr. 23	4	Bible 12a	11a	4	Bible 13a	12a	4
Biol. 21	Fr.	4	Biol. 22	21	4	Biol. 23	Fr.	4
Biol. 33	21, 22, 23, 30	3	Chem. 2a	1a	5	Biol. 33	21, 22, 23, 30	3
Biol. 33a	21, 22, 23, 30	6	Edu. 12a	11	4	Biol. 33a	21, 22, 23, 30	6
Chem. 1a	Fr.	5	Edu. 15	14	4	Chem. 3a	2a	5
Edu. 11	Fr.	4	Eng. 19	18	2	Edu. 13	11	5
Edu. 14	11 or 13	4	Eng. 30	15, 16, 17	4	Edu. 19	13	4
Eng. 18	15, 16, 17	2	Latin 22	4U	4	Eng. 20	19	2
Eng. 30b	15, 16, 17	4	Math. 21	15b	2	Eng. 5	30	4
Latin 21	4U	4	Math. 22	25	3	Latin 23	4U	4
Math. 17	11b, 15b	5	Math. 25	17	5	Math. 17	11b, 15b	5
Span. 1	Fr.	4	Span. 2	1	4	Math. 26	25	5
Phys. 7	6, Ch. 3a or 3, Chem 6	5	Phys. 9	5	5	Span. 3a	2	4
Soc. 31	Soph.	4	Soc. 4	Soc. 31, Edu. 11	4	Soc. 32	Soc. 31, 4	4
CONVOCATION								
Biol. 28	Ch. 1a, 2a, 3a	4	Biol. 28a	28	4	Biol. 30	23	4
Biol. 32	21, 22, 23	4	Biol. 29	32	4	Biol. 27	29, 30 or 34, 35	4
Biol. 34	21, 22, 23	4	Biol. 25	21, 22, 23	4			
Chem. 14	8	5	Chem. 15	14	5			
Edu. 24	Not Fr.	4	Edu. 21a	24	4	Edu. 18a	11 or 13	4
Eng. 15	Fr.	4	Eng. 16	15	4	Eng. 17	15, 16	4
Greek 1a	Fr.	4	Geol. 1	Ch. 2a; Biol. 21, 22, 23	4	Geol. 2	1	4
Hist. 7 or 6	2, 3	4	Greek 2d	1d	4	Greek 3d	2d	4
Fr. 1	Fr.	4	Hist. 7b or 6a	2, 3	4	Hist. 7a or 4a	2, 3	4
Phys. Ed. 1	Fr.	1/2	Fr. 2	1	4	Fr. 3	2	4
Phys. Ed. 7	Fr.	1/2	Phys. Ed. 2	Fr.	1/2	Phys. Ed. 3	Fr.	1/2
H. and S. 1	Fr.	1	Phys. Ed. 8	Fr.	2	Phys. Ed. 9	Fr.	2
Phys. 1	Fr.	4	H. and S. 2	Fr.	1	H. and S. 3	Fr.	1
Phys. 4	3, and Math. 15a, 15b	5	Phys. 2	1	4	Phys. 3	2	4
			Phys. 5	3 and Math. 15a, 15b	5	Phys. 6	3 and Math. 15a, 15b	5

Continued on next page

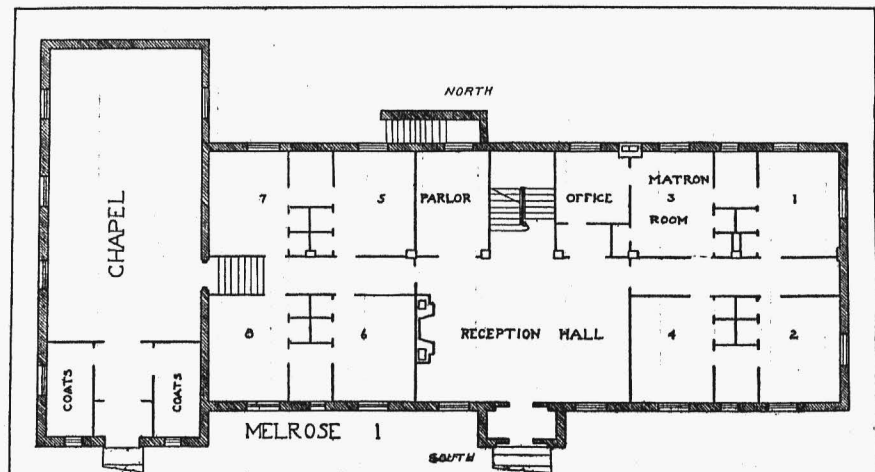
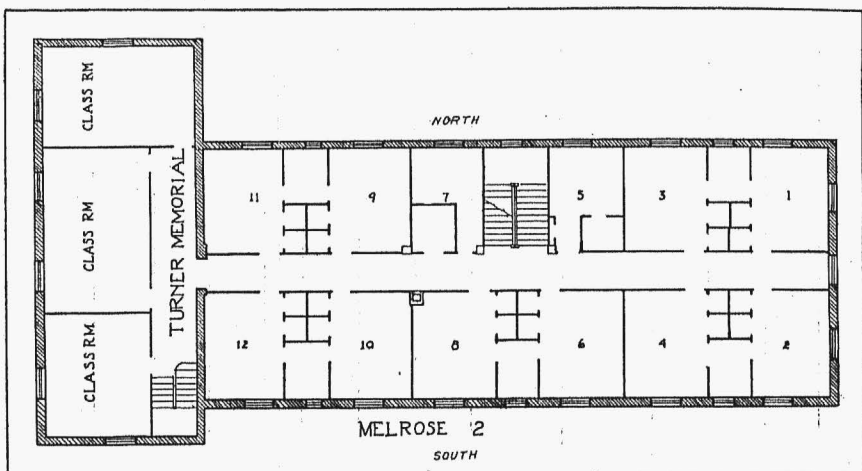
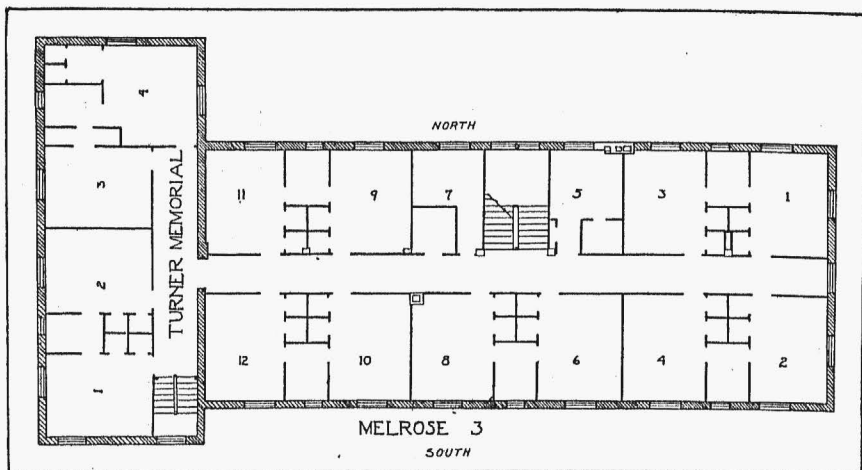
SCHEDULE FOR 1929-1930

		NOON								
		FALL			WINTER			SPRING		
		Courses	Prerequisites	Cr. Hrs.	Courses	Prerequisites	Cr. Hrs.	Courses	Prerequisites	Cr. Hrs.
1:15		Bible 1a	Fr.	2	Bible 2a	Fr.	2	Bible 3a	Fr.	2
		Chem. 7	3a	5	Chem. 8	7	5	Chem. 9a	8	5
		Edu. 11	Fr.	4	Edu. 12a	11	4	Chem. 16	8	5
		Edu. 25	Permit.	4	Edu. 17	15, 16	4	Edu. 13	11	4
		Eng. 15	Fr.	4	Eng. 16	15	4	Edu. 17a	25, 17	4
		Hist. 1	Fr.	4	Hist. 2	Fr.	4	Eng. 17	15, 16	4
		Hist. 8	2, 3	4	Hist. 5	2, 3	4	Hist. 3	2	4
		Latin 1a	Fr.	4	Latin 2a	1a	4	Hist. 9a	2, 3	4
		Fr. 1	Fr.	4	Fr. 2	1	4	Latin 3a	2a	4
		Span. 1	Fr.	4	Span. 2	1	4	Fr. 3	2	4
		Music 1	Fr.	2	Music 2	Fr.	2	Span. 3a	2	4
		Phil. 4	Edu. 11	4	Phil. 6	Edu. 11	4	Music 3	Fr.	2
		Soc. 34	31, 4	4	Soc. 35a	31, 4	4	Phil. 3	Edu. 11	4
								Soc. 3a	31, 4	4
2:10		Bible 41b	Ed. 13	2	Bible 42b	Ed. 13	2	Bible 43b	Ed. 13	2
		Graphics 1a	Fr.	2	Graphics 1a	Fr.	2	Graphics 1a	Fr.	2
		Graphics 2a	1a	2	Graphics 2a	1a	2	Graphics 2a	1a	2
		Graphics 3a	2a	2	Graphics 3a	2a	2	Graphics 3a	2a	2
		Graphics 4a	3a	4	Graphics 5	4a	4	Graphics 6	5	2
		Greek 21	3d	4	Greek 22	21	4	Greek 23	22	4
		Fr. 7 or 10	6	4	Fr. 8 or 11	7	4	Fr. 9 or 12	8	4
		Span. 7	6	4	Span. 8	7	4	Span. 9	8	4
		Phys. Ed. 1		1/2	Phys. Ed. 2		1/2	Phys. Ed. 3		1/2
								Phys. 12	3, Math. 15a, 15b	5
3:05		Latin 24	23	4	Latin 25	23	4	Latin 26	23	4
		Latin 32	23	4	Latin 28	23	4	Latin 30	23	4
		Latin 39	23	4	Latin 40	23	4	Latin 41	23	4
		Phys. Ed. 1		1/2	Phys. Ed. 2		1/2	Phys. Ed. 3		1/2
4:00		Music 4	Fr.	1/2	Music 5	Fr.	1/2	Music 6	Fr.	1/2
		Music 10	Fr.	1/2	Music 11	Fr.	1/2	Music 12	Fr.	1/2
		Music 7	Fr.	1/2						
		Phys. Ed. 1		1/2	Phys. Ed. 2		1/2	Phys. Ed. 3		1/2
5:00					Music 8	Fr.	1/2	Music 8	Fr.	1/2

TABLE OF MAJORS AND THEIR PRESCRIBED MINORS

Prerequisites to Majors	Majors	Cognate Minor	Second Minor	Third Minor
Entrance units	Bible (Must include 3 terms of N. T. Greek)	6 terms of social science, i. e. a minor in social science	5 terms of Greek	6 terms of one subject or 3 terms each of two subjects from group II.
Entrance units	Biology	6 terms of chemistry or 3 terms of chemistry and 3 terms of physics or math.	6 terms of one foreign language.	6 terms of one subject or 3 terms each of two subjects from group III.
Entrance units	Chemistry	6 terms in one laboratory sci- ence or 3 terms each in two.	5 terms of one subject or 3 terms each of two subjects from group III.	6 terms of one foreign language.
Entrance units	Education Prescribed Major	At least 36 hrs. in one subject other than education. This work must form a major.	At least 6 terms in one foreign language and 6 terms in one lab. science or three terms each in 2 lab. sciences are re- quired for graduation.	
Entrance units in- cluding at least 2 units of Latin	English	Two years of College Latin or two years of College Greek. One year of Latin if four years done in high school.	6 terms of one subject or 3 terms each of two subjects from group III.	6 terms of one subject or 3 terms each of two subjects from group II.
Entrance units	French	6 terms of one foreign language, other than French.	6 terms of one subject or 3 terms each of two subjects from group III.	6 terms of one subject or 3 terms each of two subjects from group II.
Entrance units	German	6 terms of one foreign lan- guage, other than German.	6 terms of one subject or 3 terms each of two subjects from group III.	6 terms of one subject or 3 terms each of two subjects from group II.
At least 2 units of Latin	Greek	6 terms of college Latin in ad- vance of Latin 1a, 2a, 3a.	6 terms of one subject or 3 terms each of two subjects from group III.	6 terms of one subject or 3 terms each of two subjects from group II.
Entrance units	History and Political Science or History	6 terms of social science	6 terms of one science or 3 terms each of two sciences.	6 terms of one foreign language
Entrance units in- cluding at least 2 units of Latin	Latin (6 years of Latin including entrance Latin)	6 terms of one foreign language, other than Latin.	6 terms of one subject or 3 terms each of two subjects from group III.	6 terms of one subject or 3 terms each of two subjects from group II.
Entrance units in- cluding 1½ units alg., 1-3sol.geom.	Mathematics	6 terms of physics or second year physics and 3 terms of some other science.	6 terms of one subject or 3 terms each of two subjects from group III.	6 terms of one foreign language
Entrance units, in- cluding 1½ units alg.	Physics	3 terms of mathematics and 3 terms of chemistry, or 6 terms of mathematics.	6 terms of one subject or 3 terms each of two subjects from group III.	6 terms of one foreign language
Entrance units	Social Science	6 terms of history or 3 terms each of history and political science.	6 terms of one foreign language.	6 terms of one subject or 3 terms each of two subjects from group II.
Entrance units	Spanish	6 terms of one foreign language, other than Spanish	6 terms of one subject or 3 terms each of two subjects in Group III	6 terms of one subject or 3 terms each of two subjects in group II

(See plan of Majors and Minors on page 21)



ANNOUNCEMENTS
for the
SUMMER SESSION
1929



Address all communication to
DIRECTOR OF THE SUMMER SESSION
WILLIAM JEWELL COLLEGE
LIBERTY, MISSOURI

CALENDAR

Registration, Monday, June 3.
Class work begins Tuesday, June 4.
First term ends Friday, July 12.
Second term begins Monday, July 15.
Second term ends Saturday, August 10.

FACULTY

JOHN F. HERGET, A. M., President.

JOHN PRIEST GREENE, A. M., D. D., LL. D., President-Emeritus.

ANCIENT LANGUAGES

ALLEN J. MOON, A. M., LL. D., (Howard College).

Head of Department and Professor of Latin. Six majors at the University of Virginia and twenty majors at the University of Chicago on the Ph. D. degree.

FREDERICK DERWACHTER, PH. D. (Chicago).

Professor of Greek.

BIBLE

H. I. HESTER, TH. D., (Southern Baptist Theological Seminary).

Head of Department and Professor of Bible and Religious Education.

BIOLOGY

CLARENCE JEROME ELMORE, PH. D., (Nebraska).

Head of Department and Professor of Biology.

MARY ELIZABETH ELMORE, A. M. (Kansas).

Assistant Professor of Biology.

CHEMISTRY

GEORGE F. WEIDA, PH. D., (Johns Hopkins).

Head of Department and Professor of Chemistry.

WALTER O. WALKER, S. M. (Chicago).

Professor of Chemistry.

Work for Ph. D. completed except thesis.

EDUCATION

J. B. SULLIVAN, A. M., (Columbia University).

Head of Department and Professor of Education.

Director of Summer Session

Work for Ph. D. completed at George Washington University, except thesis.

ROBERT W. FREDERICK, PH. D. (New York University).

Professor of Education.

ENGLISH AND PHILOSOPHY

JOHN PHELPS FRUIT, PH. D., (Leipzig).

Head of Department and Professor of English Literature and Philosophy.

P. CASPAR HARVEY, A. M., (William Jewell).

Professor of English Composition. One summer's work in the teaching of English, Chicago University.

ETHEL MARIE HENDERSON, A. B., (Wellesley).

Instructor in English.

HISTORY AND POLITICAL SCIENCE

JOHN KNUDSON, DR. SC. POL., (University of Geneva).

Head of Department and Professor of History and Political Science.

MATHEMATICS AND ASTRONOMY

B. E. DENTON, A. M., (George Peabody College).

Head of Department and Professor of Mathematics.

MODERN LANGUAGES

CONSTANTINE BILA, PH. D., (University of Paris).

Head of Department and Professor of French and German.

ARTHUR GROVER BYRNS, A. M., (Kansas).

Professor of Spanish. Thirteen years of foreign residence.

MUSIC

DAVID GROSCH.

Head of Department and Professor of Music.

Taught in Chicago Musical College, Bush Conservatory and was Dean of Conservatory of Music, Baker University. Studied voice with Adolph Schulze of Berlin, piano with John Petrie Dunn of Edinburgh, oratorio with Dr. Charles Allum of London, opera with Hermann Devries of Chicago, and composition with Samuel DeLange of Stuttgart, Germany.

PHYSICAL EDUCATION

ROBERT EARL BOWLES, A. B., (William Jewell).

Head of Department and Athletic Director. Two summers' work at the University of Wisconsin and one summer at Lake Geneva, Wisconsin, in Physical Education.

WILLIAM N. COLLINS, B. S., (Missouri).

Athletic Coach. One summer's work in Illinois Coaching School.

PHYSICS

JOHN E. DAVIS, A. B., (William Jewell).

Head of Department and Professor of Physics. Twenty-four majors at Chicago university for the Ph. D. degree.

CHARLES R. BURKE, A. B., (William Jewell).

Instructor in Physics.

SOCIAL SCIENCE

C. R. HOWD, PH. D. (California).

Head of Department and Professor of Social Sciences.

ADMISSION AND CREDITS

The requirements for entrance are either graduation from high school or fifteen high school units.

The work offered in the summer school may be credited on the A. B. degree and on teachers' certificates granted by the state superintendent of public instruction, as stated in the summer school catalogue.

TEN SEMESTER HOURS OF CREDIT MAY BE EARNED IN THE ENTIRE SESSION. SIX SEMESTER HOURS MAY BE EARNED IN THE FIRST SIX WEEKS.

TEACHERS' CERTIFICATES

William Jewell students wishing teachers' certificates may procure them through the registrar's office of William Jewell College. These certificates are issued by the superintendent of public instruction at Jefferson City upon receipt of the student's college record.

PURPOSE

The summer session of William Jewell College is designed to meet the needs of the following persons: (a) college students desirous of securing additional credits that they may hasten graduation; (b) teachers wishing to secure credits leading to both elementary and secondary certificates offered by the State Department of Education; (c) graduates of high schools wishing to pursue college work.

BUILDING AND EQUIPMENT

The entire plant of the college, in so far as it is needed will be at the disposal of the summer school. (See page 7.)

BOOK STORE

The College maintains a co-operative book store where books and other supplies may be purchased.

DORMITORIES

William Jewell has three well equipped dormitories which will accommodate 250 students. The beautiful Melrose Hall, for girls, will be at the disposal of summer school students. Girls desiring rooms in Mel-

rose Hall, should send \$5.00 to Professor J. E. Davis, Business Manager, as part payment on the rent to reserve a room. Prices of room and board in the dormitory are given below.

Private families: There are also many comfortable homes in Liberty where rooms can be had from \$7.50 to \$15.00 per month. Board in private families is procurable at \$5.50 to \$6.50 per week.

Note—Rooms in dormitory are furnished with all necessary equipment except linens and bed cloths.

APPROXIMATE EXPENSES

	Ten Weeks	Six Weeks
Tuition	\$40.00	\$25.00
Student Activity Fee	1.00	1.00
Physics Laboratory Fee (Entire Triple Course)....	7.50	5.00
Biology Laboratory Fee	7.50	5.00
Room and board in dormitory.....	65.00	

COURSES OF INSTRUCTION

Credits are given in semester hours. If a student remains only six weeks in a course his credits will be three-fifths of that for the ten weeks. Avoid conflicts in choosing courses.

Courses in the following Departments will be offered: Biology, Economics, Education and Psychology, English, History, Latin, Mathematics, Modern Languages, Physical Education, Physics, Sociology, and Commercial Courses. (Credit for Commercial Courses will not be given toward the degree in William Jewell College.)

DEGREES CONFERRED MAY 24, 1928

BACHELOR OF ARTS

- ✕ Allen, Ethel Kansas City
- ✕ Anderson, Harold Virgil, Marionville
- ✕ Ausman, G. A., Cainsville
- ✕ Bartley, William Foster, Liberty
- ✕ Baur, Roberta, Liberty
- ✕ *Bennett, Zelma Myrle, Metropolis
- ✕ Boone, Kenneth Stanley, Wheeling
- ✕ Bernard, Robert E., St. Joseph
- ✕ Burchard, Kenneth Reginald, Cainsville
- ✕ Burke, Charles Richard, Liberty
- ✕ *Butts, Dorothy Frances, Slater
- ✕ Byars, William Lemuel, Jr., Kansas City
- ✕ Cheek, Ruth Lee, Holt
- ✕ Church, Verna Elizabeth, Liberty
- ✕ *Clawson, Elmer Roy, Lathrop
- ✕ Coil, Everett Johnston, Mexico
- ✕ Crocker, Thomas Luther, Thayer
- ✕ Crockett, Randolph Will, Liberty
- ✕ *Davis, Alfred Charles, Kansas City
- ✕ Dinwiddie, Walter K., Palmyra
- ✕ Doerr, Harvey C., Columbia, Ill.
- ✕ Douglass, James Van, Kennett
- ✕ *Edson, Robert Clay, St. Joseph
- ✕ Eichenlaub, Martin Ernest, St. Joseph
- ✕ Gates, George Gallia, Callao
- ✕ *Gaunce, Ora Evelyn, St. Joseph
- ✕ *Goodin, Ruth Christopher, Moberly
- ✕ Graves, David Allen, Liberty
- ✕ Greene, William Wallace, Richmond
- ✕ Greer, Margaret Evelyn, St. Catherine
- ✕ Grissom, Phillip Allen, Carthage
- ✕ *Grobe, Oscar Paul, Liberty
- ✕ Groom, Meredith, Liberty
- ✕ Harbaugh, John Woodruff, Liberty
- ✕ Headlee, Floyd C., Reeds
- ✕ Henderson, Anne, Fulton
- ✕ Henry, Alice Mary, Liberty
- ✕ Hessel, Selma Cleda, Holt
- ✕ *Hill, Mary Marthan, Moberly
- ✕ Howard, Albert Cecil, Excelsior Springs
- ✕ Isley, Thurston Fayette, Holt
- ✕ Johnson, Robert Craig, Caruthersville
- ✕ Johnson, William Humphrey, Jr., Caruthersville
- ✕ Jones, Bonnie Pearl, Cowgill
- ✕ Jordan, Leonard, Liberty
- ✕ Keller, J. Oliver, Liberty
- ✕ *Kenney, Leon Fallis, Bristol, R. I.
- ✕ Manso, Sara Allene, Lawson
- ✕ Marshall, Nannie Dorcas, Kansas City
- ✕ *Martin, Warren Homer, Liberty
- ✕ Mayes, Martin, Jefferson City
- ✕ Montague, Margaret LaDieux, Liberty
- ✕ Moore, Vernon Edson, LaBelle
- ✕ *Morris, Benjamin Sims, Centralia
- ✕ *Nolte, Raymond Herman, Concordia
- ✕ Norvell, Phillip Hill, Kansas City
- ✕ Nutter, Paul Barnes, Liberty
- ✕ Orr, Edwin C., Jr., Chillicothe
- ✕ Payne, Howard Glenn, Trenton
- ✕ Pigg, L. Dale, Chillicothe
- ✕ Prather, Elizabeth, Avondale
- ✕ Ragsdale, John Thomas, Moberly
- ✕ Rees, Lucille Milbourne, Liberty
- ✕ Rice, Virginia Davenport, Liberty
- ✕ Rich, Austin David, St. Joseph
- ✕ *Robbins, Leslie Frank, Boulder, Colo.
- ✕ Robertson, John McAfee, Laredo
- ✕ Sample, Sydney Rafferty, Liberty
- ✕ Shirley, Evelynne B., Richmond
- ✕ Shouse, John LaMar, Jr., Kansas City
- ✕ Stotts, Eula, Jamesport
- ✕ *Strother, Lewis Robert, California
- ✕ *Syms, George Allen, Laclede
- ✕ Thomas, Elta Mae, Gashland
- ✕ *Thornberry, Hale Fuqua, St. Joseph
- ✕ *Wayland, John Terrill, Moberly
- ✕ Weicker, Forrest Cyrus, Liberty
- ✕ White, Kathleen Kelly, Liberty
- ✕ Williams, Barnett Ray, Jr., Macon
- ✕ Wilson, Harold, Liberty
- ✕ Withers, Conn, Liberty
- ✕ *Yard, Truman Lee, Carlinville, Ill.

Honorary Degrees: Doctor of Laws, Hudson, Manley O., Cambridge Mass.

The following students have completed their work in graduate schools for the A. B. degree according to a special ruling of the faculty: Ashley, Claude Wilber, Medical School of Washington University, Gladish, Harrell Burnette, School of Commerce, Northwestern University.

STUDENTS ENROLLED IN WILLIAM JEWELL COLLEGE, 1928-1929

SENIORS

- Adams, Cecil Clifton, McFall
*Adams, James Armstrong, Liberty
Adams, Leah Brooks, Nashua
Allen, Edyth Gypsy, Kansas City
Bailey, Harvey Howard, Casper, Wyo.
Beamer, George Charles, Liberty
Beck, Hazel Pauline, Bedford, Iowa
Benton, J. B., Trenton
Brown, Martha Elizabeth, Liberty
Burton, Eleanor Paxton, Kansas City
Carlisle, Anna B., Williamstown
Clark, John Wright, Kansas City
*Clark, Wayne Clinton, Bedford, Iowa
Cooper, Alice, St. Joseph
Crouch, James Anderson, Liberty
Cunningham, F. Standley, Liberty
Day, Glenn Buford, St. Joseph
*DeLozier, Homer Earl, Clinton
Dickinson, John S., Excelsior Springs
*Douglas, Mary, Liberty
Duncan, Marie Edgra, Liberty
Ferris, Elizabeth Lee, Mexico
Gary, Walter Raymond, Doniphan
*Grace, Daniel Lee, St. Joseph
*Hanan, Cleates Edgar, Liberty
Hankins, Harold T., Rayville
Hanson, Ruby Angie, Liberty
Hays, William Paul, Harrisburg, Ill.
Hinds, George Edward, Excelsior Springs
Hodgin, Willard T., Fairfax
*Holt, Champ Clark, Holt Summit
Holton, Harrod Burrus, Nevada
Hudlemeyer, James Thomas, Nashua
Hughes, Joseph Milton, Dawn
Huntington, Nancy Elizabeth, Liberty
Hutcheson, Charles Gregory, Kansas City
Johnson, Amos E., Dallas, Texas
Jones, Lloyd S., Edgerton
*King, William Ely, Selma, California
Link, Virginia Leah, Liberty
Lynch, Ada Idella, Liberty
*Lynch, Wanda Marie, Liberty
McBee, Earl Thurston, Liberty
McClellan, Juanita Dale, Liberty
Maxwell, Martha Frances, Springdale, Arkansas
Milem, Donald Asbury, Sikeston
Mulvania, Edith Leola, Phelps City
*Nebgen, Louis George, Oak Grove
Noel, Robert Barton, Lentner
Norman, Fred, Holden
*Patterson, John William F., Liberty
Payne, Gertrude Mae, Liberty
Perkins, Mildred Fontaine, Liberty
Peters, Garnett M., Kearney
Phipps, Andrew Bear, Kansas City
Power, Byron Aubrey, Laclede
Power, Coe, Liberty
Ramage, Richard Grant, Central City, Nebraska
*Raney, J. Lester, Denver, Colo.
Rychel, Edward Joseph, Jr., Kansas City
Short, Howard Oliver, Courtney
Smart, Grace Aileen, Liberty
Smith, Howard Field, LaBelle
Sproul, John William, Carrollton
Stogdale, Eugenia Belle, Liberty
Stuart, John Armstead, Liberty
Stuckey, Glenn LaVerne, Platte City
*Sturges, Paul Lee, Carrollton
Sugitan, Sofronio Orpilla, Alcala, P. I.
Swaney, Oliver Hamilton, Smithville
Simpson, Kathryn, Falls City, Nebr.
Thomas, Mary Belle, Braymer
Thomas, Olive Elizabeth, Braymer
Toalson, Wilmont, Clark

VanMeter, Richard Kenneth, Cord-
er

Wadley, Helen Jean, Braymer

*Walker, Elmer Garcia, Bernie

Walker, Mary Susan, Princeton

Walker, Mildred Lucy, Princeton
Wheeler, John Henry, Kansas City
White, Mahlon Neill, Warsaw

30 Women, 51 Men

JUNIORS

Alford, Verna Mae, St Louis

Benson, Lois Almy, Liberty

Bittick, Ralph, Joplin

Brattstrom, Baker, Lathrop

Bridges, Vernon Victor, Carthage

Brooks, Fred Norton, Carthage

*Brumley, Howard J., Liberty

Campbell, Robert W., Marshall

Clark, Mary Rothwell, Liberty

Clutter, James Franklin, Liberty

Connelley, Luethel May, Liberty

*Cónnelley, Victor, Liberty

Cope, Josef S., Lexington

*Correll, Nathan Russell, Brookfield

Cox, Ella, Liberty

Crouch, Hugh Chapman, Hannibal

Davis, Edythe Mae, Kansas City

Davis, Isla Dorothy, Clarksdale

Davis, Marlin Otho, Dearborn

*Day, Alfred Sylvester, Liberty

Early, Helen Cairns, Liberty

Ficklin, Emma Lee, St. Joseph

Gardner, Ethel Belle, Excelsior Springs

*Hicklin, Paul Ingram, Hume

*Hobbs, Everette Elie, Liberty

*Holtz, Muriel, Gillette, Wyo.

Hon, Howard Cranston, Platte City

Hoover, Charles Lester, Liberty

Huff, Homer Samuel, Liberty

Huff, Mary Lee, Carrollton

Iglehart, James A., Liberty

*Jennings, Edith Roberta, St. Joseph

*Johns, Earl Francis, Kirksville

Jordan, Lehman R., Liberty

*Kendall, William Frederick, Ekron,
Ky.

Kiger, Martin M., Washington, Kans.

*Kruse, Melvin H., Kearney

LaFrenz, Vern Daniel, Wyaconda

*Lamkin, Thomas Walter, Liberty

McClaskey, Martha Yates, Gallatin

McPherson, Robert Henry, Greenwood

Millen, Mary Ruth, Liberty

*Minort, John Baptiste, Liberty

Nowell, John A., El Dorado Springs

Owsley, William Logan, Jr., Palmyra

*Parker, George Gerald, Pleasant Hill

Parkhurst, Wendell Woods, Laredo

Payne, Weslie, Liberty

Pearson, Vernalee, Liberty

Pew, John Brooks, Jr., Kansas City

*Rains, John Edward, Buffalo

*Rainwater, Harrison Spurgeon, Kan-
sas City

Richardson, Harry A., Liberty

Ringo, Arthur Herbert, Ironton

Rude, Robert M., Great Bend, Kans.

Ryan, Horton Drake, Webster Groves

*Sanders, Eulah Delilah, St. Joseph

*Sanders, Perry Orr, Moberly

Scott, James William, Weston

Sevier, Robert Field, Liberty

Shaver, Marian Alice, Liberty

*Souter, Lex King, Trenton

Stephens, Glen, Liberty

Stonum, Mary Elizabeth, Lawson

Stuart, Mary Emily, Liberty

Tandy, Dorothy, Fulton

Tarrants, Blanche Velma, Liberty

Thompson, Gilbert Ware, Thompson

Turner, Solomon Leonard, Liberty

Tuttle, Norris Hall, Slater

Walker, Ralph Rand, Lathrop

Wallace, George Augustus, Pleasant
Hill

*Wayman, Mesheck Boman, Liberty

Witter, Mary Brace, Kansas City

*Wood, Ross Miller, Darlington

23 Women 52 Men

SOPHOMORES

Agee, Anderson Wesley, Huntsville	Everett, Kenneth Raymond, Lamar, Colo.
Archer, Margaret Belle, Liberty	
Atwater, Cora Eugenia, Liberty	Everett, Susan Evelyn, Osborn
*Bailey, Mary Francina, Casper, Wyo.	Fisher, William F., Marshall
Beck, Harold Boyd, Smithville	Forbis, Homer F., Albany
Benson, George Edward, Jr., Liberty	*Forderhase, Earl August, Higginsville
Blair, Henri Earl, Lamar	Freeman, Louis Reynolds, Thayer
Boswell, Howard Nelson, Pawnee City, Nebr.	Halferty, Mildred Irene, Gower
Brouillette, Nelson Parker, Liberty	Hallar, Edgar Vandervoort, Kansas City
Buckler, Melvin Turner, Weston	Hamm, Guy Magers, Jr., Kansas City
Bumbarger, Paul Rex, Memphis	Hardaway, Floyd Luther, Jasper
Burch, James Marvin, Braddyville, Ia.	*Heaton, James Franklin, Holden
Burch, Murray Allen, Braddyville, Ia.	Hepler, Kathryn Elizabeth, Liberty
Bush, Don, Liberty	Herod, Ruth Hallie, Liberty
Buxton, Howard Gibbs, Kansas City	Hoffman, Charles Payne, Moberly
Bywaters, Louis Madison, Camden Point	Hopper, Helen Louise, Clarence
Carmichael, Beverly Hamilton, Odessa	Hunt, Evelyn Lois, Liberty
Chapman, William Clifton, Norborne	Hutcherson, Curtis, Liberty
Chauncey, Hugh, Walnut Grove	Jerard, Ernestine, Pleasant Hill
Chewning, Mary Ruth, Harrisonville	Johnson, Agnes G., Liberty
*Coldren, Raymond, Liberty	Johnson, Forrest Rudolph, Jasper
*Coons, Elmer Thomas, Malden	Jordan, Lendell Thomas, Liberty
*Crismon, Leo Taylor, Jefferson City	Joy, Herbert Elmer, Holden
Cross, John Lowry, Clifton Hill	Kay, Strother, Liberty
Davis, Charles Braxton, Jr., Liberty	Kitt, Elliott, Chillicothe
Davis, Ella Thea, Kansas City, Kans.	Lands, Lewey Truman, Chillicothe
Davis, Kenneth Searle, Liberty	Lee, Meredith, Sikeston
Davis, Marthabelle, Kansas City	Ligon, Joe Leonard, Liberty
Day, Mrs. Julia Lucille, Liberty	*Lindsay, Elma Frances, McFall
Denham, Charles T., Martin City	Littell, Milan Benjamin, Pueblo, Colo.
Dennis, Willard Guy, Clifton Hill	Long, Laneita Ruth, Liberty
Dillinger, Mrs. Arloa, Excelsior Springs	*Longfellow, Roy Carl, Bedford, Iowa
*Diman, William Alfred, Chicago, Ill.	Lowe, George F., Pueblo, Colo.
Driver, William Aaron, Burrton, Kans.	McClarnon, Eldon Earl, Braddyville, Ia.
Duckett, Thomas Gaillard, Lamar	McGinnis, Irma Lee, Kearney
Dunphy, Thomas James, Carthage	McGraw, Clay Hillis, Sedalia
Duncan, Helen Katherine, Liberty	McWilliams, M. Clovis, St. Joseph
Dunfee, James William, Denver	Marriott, Walter Elmer, Moberly
Elliott, Ben, Odessa	Martin, Clarence Earle, Liberty
Elston, Frank Brown, Kirkwood	Martin, Kenneth Edwin, Allendale
	Maul, Chester Lloyd, Kansas City
	Moberly, William Eugene, Liberty

Moore, Irene M., Liberty
 Moore, Marion Edwin, Lamar
 Morrison, Nora Myrl, Mexico
 *Morse, Fred Eugene, Waterloo, Ia.
 Nelson, Esther Ersley, Kansas City
 Parker, Jane, Smithville
 Parkinson, Charles William, Ossian, Ind.
 Pennington, Clarence C., Liberty
 Petty, Jesse Edgar, Liberty
 Petty, Fred S., Liberty
 Piburn, John Perry, Liberty
 Prather, Macken Kenneth, Avondale
 Pricé, Edward C., Nevada
 *Rae, William Douglas, New York City
 Randel, Loran Glen, Doniphan
 *Reft, Herman Julius, Karluk, Alaska
 Richardson, Sarah Gordon, Liberty
 *Roark, William Byron, Anderson
 Rogers, Sam Storts, Slater
 Romigh, Louis William, Slater
 Saul, George Mitchell, Kansas City
 Savoca, Anthony Hershall, Kansas City
 Sharp, Virginia Dee, Liberty
 Sheldon, Marion Thomas, Albany
 Shelton, Stella Mabel, Liberty
 Short, Verlia Mae, Courtney

Silvius, Aden Beatty, Turney
 *Simkins, Lee J., Ludlow
 Simms, Betty Jeanne, Kansas City
 Smith, Anna Margaret, Butler
 Spradley, Everette Wesly, Slater
 Spurgeon, Vivian, Red Bird
 Spurlock, George Christian, Liberty
 Summers, Virginia Josephine, Palmyra
 Symonds, Raymond Morris, Pueblo, Colo.
 Thomas, Frances Lee, Braymer
 Thomason, Paul Fischer, Liberty
 Thornhill, Hugh Sandford, Jr., Versailles
 VanTrump, Joseph Heffley, Liberty
 *Watkins, Kermit Christopher, Fort Collins, Colo.
 Watson, Willis Harl, Canon City, Colo.
 Webdell, Richard Everett, Higginsville
 Weber, Frank T. E., Jefferson City
 White, Austin McLeod, Taylor
 Wilkinson, Thelma Maxine, LaGrange
 Williams, Twila Wood, Lucerne
 *Winchell, Lula Mae, St. Louis
 Wood, James Ford, Kansas City
 Wright, June Melvin, Smithville
 37 Women 93 Men

Copy
 FRESHMEN

Albright, Charles Benton, Liberty
 Albright, Ray Donald, Liberty
 Alford, Violet Marie, St. Louis
 Allen, Roy Bartlett, Rothville
 Ballard, Paul, Haskell, Texas
 Barker, Eldon D., Kansas City
 Barr, Raymond U., Kansas City
 Barrington, Gordon Benedict, Liberty
 Benton, Mrs. J. B., Trenton
 *Berquist, Millard John, Kansas City
 Billings, Heywood Sherman, Crystal City
 Bond, LeRoy Clair, Brookfield
 Bram, Helen Elizabeth, Denver

Brown, Roy Franklin, Independence
 Bruner, Wilbur, Liberty
 Buck, Robert E. Lee, Excelsior Springs
 Burger, Truman Arthur, Bunceton
 Buxton, George Isaac, Pierce City
 Carmichael, James William, Odessa
 Carter, Hanly Newton, Crawfordsville, Ind.
 Carver, William Homer, Cushing, Okla.
 Chapman, Clyde Woolsey, Norborne
 Clark, George Clay, Union Star
 *Clemons, Leslie Lee, Elvins
 Clevenger, Mary Etta, Mosby
 Combs, Maurice Wendell, St. Louis

*Congdon, Frank Gerald, Gebo, Wyo.
 Connelley, Zelda Pauline, Liberty
 Conway, James Scott, Monroe City
 Corl, Paul Eugene, Monett
 Corn, Thomas Max, Pawnee City, Neb.
 Craig, Homer Dallas, Paris
 Craven, Duane Freemont, Albany
 Crawford, Lester L., Jasper
 Crockett, George Gordon, Liberty
 Cuthbertson, George Raymond, Liberty
 Davidson, Thad C., Kansas City
 Davis, Fred H., Liberty
 Day, Louis Kenneth, Liberty
 *Demmel, Clyde Kenyon, Waterloo,
 Iowa
 Edwards, Alice Christine, Keytesville
 Eldridge, Homer Lord, Olathe, Kan.
 England, Elsie Eleanor, Kansas City
 Fleming, Lawrence Martin, Moberly
 French, Zelma Berneice, Platte City
 Gill, Ruth, Liberty
 Goodson, John Hayner, Macon
 Goodson, Walter Conrad, Jr., Macon
 Green, Harry Folk, Pierce City
 *Hamilton, Raymond Forest, Gary,
 Ind.
 Harris, Fred Kemper, Wichita, Kan.
 Hatcher, Doris Virginia, Liberty
 *Hatcher, Merrill Monroe, Auxvasse
 Hedberg, Ben Hollenback, Olathe
 Helbert, James Everett, Osborn
 Henry, James Riley, Fortescue
 Henry, Lucille Emily, Amity
 Herman, Kenneth Leroy, St. Louis
 Hermon, John Leonard, Kansas City
 Hickman, Fred Brown, Carthage
 Hopkins, Gerrit DeWitt, Golden City
 Hughes, Alois, Liberty
 Hulse, Frances Kathryn, Smithville
 Humphrey, Esther Marie, East Leav-
 enworth
 Jenson, Beaumont Gibson, Quincy, Ill.
 Jenson, Lowell Meredith, Quincy, Ill.
 Jones, Mary Alberta, Dawn
 Jordan, Lowell Everett, Liberty

Keele, Beatrice Irene, Butler
 Kincaid, Arthur Roy, Liberty
 Kline, Harry Wilbur, Pierce City
 *Lomelino, Eddie, Liberty
 Lord, Byron Francis, Osborn
 Lovell, Cornelia, Liberty
 Lowe, James Author, Liberty
 McKnight, James William, Hannibal
 McLain, Johnston Knott, Excelsior
 Springs
 McNew, Everett V., Cowgill
 Majors, Frederick Louis, Pierce City
 Marriott, Floyd Donald Duncan, Shang-
 hai, China
 Masoner, Julian Bruce, Edgerton
 Merrifield, Vivian Narcissus, Liberty
 *Miles, Herbert Jackson, Holliday
 Miller, Mason Edwin, Kansas City
 Mitchell, James Herbert, Louisiana
 Moore, Benjamin Clay, Trenton
 *Moore, Hassel Guy, DuQuoin, Ill.
 Moore, Thelma Elizabeth, Doniphan
 Morrow, Elman Archie, Independence
 Moyes, Cecil Lee, Union Star
 Nebgen, John O., Oak Grove
 Painter, Marvin Ray, Monroe City
 Paulson, William Ernest, Orrick
 Pence, Darwin Doherty, Liberty
 Petty, Paul B., Harlan, Iowa
 Pixlee, James Edwin, Liberty
 Poague, Henry Frederick, Clinton
 Porter, Charles Russell, Hume
 *Quisenberry, Martha Carolyn, Kansas
 City
 Rae, Mary, New York City, N. Y.
 Reed, Mildred Sarah, Gillette, Wyo.
 Riddell, Charlie Allen, Jr., Rothville
 Rigney, Lee Olen, Palmyra
 Roark, William Oscar, Tipton
 Rouse, David Mattingly, LaBelle
 Ryan, James, Warsaw
 Schooley, J. Calvin, Odessa
 *Selves, Henry Arthur, Ewing
 Singleton, Charles Howard, Gower
 Smith, Eleanor Woods, Liberty

Smith, Gwendolyn, Liberty	Triscik, George Gerald, Liberty
Sodeman, William Calvert, Edgerton	Vaughn, Agnes Lavinia, Blue Springs
Sskwor, Elsie Beryl, Overland	Walker, John Dora, Liberty
Stephens, J. D., Cowgill	Wallace, Hugh Andrew, Pleasant Hill
Straub, Charles Ellwood, Brunswick	White, Ann, Fairfax
Stuart, Lillian Virginia, Liberty	*Whitwer, Amel William, Tilden, Neb.
Summers, Carl, Monett	Willis, Franceil Mildred, Spickard
Summers, Walter Bruce, Palmyra	*Wood, George Horace, New York City
Tapp, Edmund Pendleton, Jr., Chandler	New York
Terrill, Maxine, Excelsior Springs	Woolfolk, Charles Walter, Liberty
Tinsley, Claude, Houston, Jr., Kansas City	York, Howard Arthur, Jasper
Tracy, Dean Calvin, Laredo	Zwahlen, Jack, Chillicothe
	30 Women 103 Men

UNCLASSIFIED

Benson, David Ella, Liberty	Hulse, Lena Marie, Liberty
Church, Verna Elizabeth, Liberty	Parker, Fay Josephine, Kansas City
Cochran, Theodore, Peculiar	
Howd, Mrs. Cloice R., Liberty	5 Women 1 Man

SUMMARY OF COLLEGE STUDENTS

Seniors	81
Juniors	75
Sophomores	130
Freshmen	133
Unclassified	6
Grand Total	425

RESIDENCES

Alaska	1
Arkansas	1
California	1
China	1
Colorado	6
Illinois	5
Indiana	3
Iowa	8
Kansas	5
Kentucky	1
Missouri	376
Nebraska	6
New York	3
Oklahoma	1
Philippines	1
Texas	1
Wyoming	5
TOTAL	425

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