

BULLETIN OF
WILLIAM JEWELL COLLEGE

FOUNDED 1849

LIBERTY, MISSOURI

CATALOG

SERIES XXVII

MARCH 15, 1930

No. 8

ANNOUNCEMENTS FOR THE YEAR

1930-1931



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

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William Jewell College Calendar

1930-1931

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				1	2	3	4							1
7	8	9	10	11	12	13	5	6	7	8	9	10	11	2	3	4	5	6	7	8
14	15	16	17	18	19	20	12	13	14	15	16	17	18	9	10	11	12	13	14	15
21	22	23	24	25	26	27	19	20	21	22	23	24	25	16	17	18	19	20	21	22
28	29	30					26	27	28	29	30	31		23 ³⁰	24	25	26	27	28	29
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					1	2	3	1	2	3	4	5	6	7
7	8	9	10	11	12	13	4	5	6	7	8	9	10	8	9	10	11	12	13	14
14	15	16	17	18	19	20	11	12	13	14	15	16	17	15	16	17	18	19	20	21
21	22	23	24	25	26	27	18	19	20	21	22	23	24	22	23	24	25	26	27	28
28	29	30	31				25	26	27	28	29	30	31							
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	2	3	4	5	6	7				1	2	3	4						1	2
8	9	10	11	12	13	14	5	6	7	8	9	10	11	3	4	5	6	7	8	9
15	16	17	18	19	20	21	12	13	14	15	16	17	18	10	11	12	13	14	15	16
22	23	24	25	26	27	28	19	20	21	22	23	24	25	17	18	19	20	21	22	23
29	30	31					26	27	28	29	30			24 ³¹	25	26	27	28	29	30
JUNE							JULY							AUGUST						
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				1	2	3	4							1
7	8	9	10	11	12	13	5	6	7	8	9	10	11	2	3	4	5	6	7	8
14	15	16	17	18	19	20	12	13	14	15	16	17	18	9	10	11	12	13	14	15
21	22	23	24	25	26	27	19	20	21	22	23	24	25	16	17	18	19	20	21	22
28	29	30					26	27	28	29	30	31		23 ³⁰	24 ³¹	25	26	27	28	29

William Jewell College Calendar

1930-1931

Fall Term opens Thursday, September 11, 1930.

Registration and Physical Examination of Freshmen, Thursday and Friday, September 11 and 12.

Registration of Upper Classmen, Monday and Tuesday, September 15 and 16.

Class work begins Wednesday, September 17.

Examinations, December 10, 11, and 12.

Fall Term ends, Christmas Recess begins, Friday, December 12, 4 p. m.

Winter Term begins Friday, January 2, 1931.

Registration, Friday and Saturday, January 2 and 3.

Class work begins Monday, January 5.

Examinations, Tuesday, Wednesday, and Thursday, March 24, 25, and 26.

Winter Term ends Thursday, March 26, 4 p. m.

Spring Term begins Friday, March 27.

Registration previous to 4 p. m., March 28.

Class work begins Monday, March 30, 7:50 a. m.

Examinations, Wednesday, Thursday, and Friday, June 3, 4, and 5.

Spring Term ends, Friday, June 5.

Commencement, Monday and Tuesday, June 1 and 2.

Meeting of Missouri Baptist Historical Society, Wednesday, June 3.

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.

BOARD OF TRUSTEES

ATWOOD, JUDGE FRANK E.	Jefferson City, Missouri
AMICK, E. E.	First National Bank, Kansas City, Missouri
BROWN, S. J.	Rialto Building, Kansas City, Missouri
BROWNING, W. P., jr.	Olathe, Kansas
FITCH, W. M.	Boatman's Bank Building, St. Louis, Missouri
GRIFFITH, W. H.	Griffith Shoe Company, St. Joseph, Missouri
GRAHAM, J. P.	Graham Lumber Company, St. Louis, Missouri
GREENE, DR. J. P.	Santa Ana, California
HARRIS, W. C.	Fulton, Missouri
JAMES, J. C.	James China Company, Kansas City, Missouri
JOHNSON, W. D., <i>President</i> ,	Fidelity Trust Co., Kansas City, Missouri
JONES, MINETRY.	Jones Hat Company, St. Joseph, Missouri
MAJOR, JOHN S., <i>Secretary-Treasurer</i> ,	First National Bank, Liberty, Missouri
MACKAY, J. C.	Clarksville, Missouri
MARTIN, W. W.	Masonic Orphans' Home, St. Louis, Missouri
MARTIN, T. D.	Martin Motor Company, Springfield, Missouri
PILLSBURY, E. S.	1827 Pine Street, St. Louis, Missouri
REYNOLDS, J. B., <i>Vice-President</i> ,	Kansas City Life Insurance Bldg., Kansas City, Missouri
RAY, A. T.	Gallatin, Missouri
PROCTOR, REV. L. M.	Independence, Missouri
STORTS, COM P.	Slater, Missouri
TRIMBLE, JUDGE FRANK H.	Liberty, Missouri
TRIMBLE, E. G.	Insurance Building, Kansas City, Missouri
TUTT, DR. A. M.	Liberty, Missouri
WEBER, REV. PAUL.	Jefferson City, Missouri
WILHITE, HUGH.	Excelsior Springs, Missouri

ADMINISTRATION

JOHN F. HERGET, <i>President</i> ,	Liberty, Missouri
ALLEN J. MOON, <i>Registrar</i> ,	Liberty, Missouri
JOHN S. MAJOR, <i>Treasurer</i> ,	Liberty, Missouri
H. B. EARLY, <i>Assistant Treasurer and Cashier</i> ,	Liberty, Missouri
J. C. ARMSTRONG, <i>Librarian</i> ,	Liberty, Missouri
JOHN E. DAVIS, <i>Business Manager</i> ,	Liberty, Missouri
A. G. BYRNS, <i>Secretary of Faculty</i> ,	Liberty, Missouri
HOMER S. HUFF, <i>Field Representative and Personnel Secretary</i> ,	Liberty, Missouri

FACULTY

- JOHN F. HERGET, A. M., LL. D., 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 M. DERWACTER, 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.
ELEANOR BURTON, A. B., (William Jewell).
Instructor of Biology.

CHEMISTRY

- GEORGE F. WEIDA, PH. D., (Johns Hopkins).
Head of Department and Professor of Chemistry.
FRANK G. EDSON, A. B., (William Jewell), M. A., (University of Colorado).
Assistant 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. degree 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 of Philosophy.

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

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

VIRGINIA D. RICE, A. B., (William Jewell).

Instructor of English.

One year's work for A. M. in English at University of Kansas.

W. PREWITT EWING, A. B., (William Jewell).

Instructor of English and Coach of Debate.

HISTORY AND POLITICAL SCIENCE

W. HOLT SMITH, A. B., (William Jewell), B. D., TH. M., PH. D., (Chicago).

Head of Department and Professor of History and Political Science.

ULMA R. PUGH, M. A., (Baylor), TH. M., (Southwestern Baptist Theological Seminary).

Assistant Professor of History.

Sixteen majors at the University of Iowa on the Ph. D. degree.

MATHEMATICS AND ASTRONOMY

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

Head of Department and Professor of Mathematics.

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

Instructor of Mathematics.

FRENCH AND GERMAN

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

Head of Department and Professor of French and German.

CLARENCE G. CHRISMAN, A. B., (William Jewell).

Instructor of French.

One year's study in Universities of Madrid and Paris.

SPANISH

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

Head of Department and Professor of Spanish.

CLARENCE G. CHRISMAN, A. B., (William Jewell).

Instructor of Spanish.

One year's study in Universities of Madrid and Paris.

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 Petric, Dunn of Edinburg, 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 of Physics.

SOCIAL SCIENCE

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

Head of Department and Professor of Social Sciences.

ULMA R. PUGH, M. A., (Baylor), TH. M., (Southwestern Baptist Theological Seminary).

Assistant Professor of Economics.

Sixteen majors at the University of Iowa on the Ph. D. degree.

STANDING COMMITTEES OF THE FACULTY

Athletics: Messrs. BOWLES (*Chairman*), COLLINS, DAVIS, and HUFF.

Chapel Attendance: Miss BURTON, Messrs. BURKE and HUFF (*Chairman*).

Chapel Exercises: The PRESIDENT (*Chairman*), and Messrs. GROSCH, and HESTER.

Entrance Committee: Messrs. ELMORE, The REGISTRAR (*Chairman*), and SULLIVAN.

Faculty Advisors of Student Council: Messrs. ELMORE, FRUIT (*Chairman*), and HOWD.

Fraternities: Messrs. DAVIS (*Chairman*), EWING, and FREDERICK.

Religious Activities: Messrs. BYRNS, DERWACTER, HESTER (*Chairman*), and SMITH.

Curriculum: Messrs. FREDERICK, FRUIT, The REGISTRAR (*Chairman*), and SULLIVAN.

Student Publications and Faculty Representatives on the Board of Control: Messrs. BYRNS, HARVEY (*Chairman*), and PUGH.

Catalog: Messrs. DENTON, FREDERICK, FRUIT, and The REGISTRAR (*Chairman*).

Library: Messrs. ARMSTRONG (*Chairman*), FREDERICK, and HOWD.

Music and Dramatics: Messrs. FRUIT, GROSCH (*Chairman*), and Miss RICE.

Debate: Messrs. EDSON, EWING, HARVEY (*Chairman*), and PUGH.

Dormitories: Messrs. BILA, DENTON, ELMORE (*Chairman*), and FREDERICK.

Discipline: The PRESIDENT (*Chairman*), Messrs. DENTON, FREDERICK, HESTER, and The REGISTRAR.

Publicity: The PRESIDENT, and Messrs. DAVIS, FREDERICK, HARVEY, HESTER, HUFF (*Chairman*), and RAY.

University Scholarships and Fellowships: Messrs. HARVEY (*Chairman*), SMITH, and WEIDA.

Committee on Improvement of Instruction: Messrs. FREDERICK, MOON (*Chairman*), SULLIVAN, and WEIDA.

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., C. R. I. & P. Railroads and the Kansas City, Clay County, and St. Joseph Electric Railway. A concrete road, Federal Highway No. 69, runs through Liberty to Kansas City, also State Highway No. 10.

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 Aug., 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.¹⁵ 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 Carrolton, 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 presiden-

cy 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.

William Jewell college aims to be in the highest sense of the term a Christian College; Christian in its ideals, its atmosphere, its teaching, its life. To train lay and ministerial students alike for Christian leadership in their churches and in their communities as well as to give thorough scholastic preparation for their life work is its inalterable purpose. All young people prepared to meet its scholastic requirements and desiring to pursue their studies in such an environment are cordially welcomed.

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, and a football field. 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 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 mathematics 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 an 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, lobby furniture, and fire-places provides a fine recreational center. See pages 17 and 18 for prices.

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 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.

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 over looking the beautiful country north and east of Liberty. It contains, besides dormitory facilities, two conference rooms, two kitchenettes, and pressing rooms, laundry rooms, infirmary, and a guest suite. A large living room and music room offer means for social intercourse. Two girls occupy a room.

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.

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. See pages 17 and 18 for prices.

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 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

comfort 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 twenty-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 under the management of Prof. Ward H. Edwards, 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

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

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

BOARD AND ROOM

Men—New Ely Dormitory. Rooms, per term, from \$18.00 to \$25.00—Key deposit \$1.00.

Women—Melrose Dormitory. Rooms, per term, \$25.00 to \$30.00—Key deposit \$1.00.

Board in both New Ely and Melrose dining halls is: Fall term, \$65.00; Winter term, \$57.50; and Spring term, \$57.50.

The necessary expenses for a student boarding and rooming in the college dormitories are from \$425.00 to \$475.00 per year.

LATE ENROLLMENT

On page 3 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 1930-1931.

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 number of 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 J. 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.

Non-Competitive Scholarships

The estate of La Verne Noyes of Chicago assigned to William Jewell College five full scholarships for the year 1930-31 to be used by ex-service men or the children of ex-service men.

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

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, and the Rev. John D. Green Memorial Scholarship.

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

All students receiving scholarships other than competitive scholarships are expected to room in the college dormitories.

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

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 classman.

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.

Freshmen 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. Permission must be obtained from President Herget.

WOMEN'S DORMITORY

The cost of rooms in Melrose Dormitory is \$25.00 to \$30.00 per term of 12 weeks. Two students in a room.

All non-resident young ladies will be expected to live in Melrose Dormitory.

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.

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.

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 \$425.00 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 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 Registrar of William Jewell College, Liberty, Mo. 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.

Entrance credits should reach the Registrar before September 1.

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 of rooms may be found on pages, 86-87. The prices of rooms may be found on page 88.

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, at which time matriculation will be completed.

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.

In case a student is not a graduate of an approved high school, 15 units are required for entrance. 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 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 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 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.

Degrees will be designated according to student's major: A. B. in Education, A. B. in Bible, A. B. in Mathematics, etc.

SPECIFIC REQUIREMENTS FOR GRADUATION

PLAN OF MAJORS AND MINORS

1. All college courses are classified in a general way under four groups which, for convenience of reference, will be designated by I, II, III, IV, 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 and physical education.

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 fourteen majors and its three prescribed minors as shown in the table of majors and minors (Pages 84-85). 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 there upon 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 23.

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, AND 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. 186 honor points required for graduation.

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. 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 the 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 made this change 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 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	4 "

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. Hist.	4 hrs.	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	
Math.	5 hrs.	Math.	5 hrs.	Math.	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	
Math.	5 hrs.	Math.	5 hrs.	Math.	5 hrs.
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	17 "

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

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.** 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 inter-biblical period and New Testament history. Texts: Bible, American Standard Version; A Class Book of Old Testament History—Maclear; Between the Testaments—Grant; Library references; Studies in the New Testament—Robertson.

Credit, 2 hours per term.

Fall, winter and spring terms. Two sections: T., Th. at 1:15; W., F. at 11:00. Jewell Hall.

PROFESSOR HESTER.

8, 9, 10. **LIFE OF CHRIST, APOSTOLIC AGE, CHRISTIAN ETHICS.** 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. Texts: Bible, American Standard Version; The Days of His Flesh—Smith; The Life and Letters of St. Paul—Smith; The Ethic of Jesus—Stalker; The Fundamental Virtues—Greene; library references.

Credit, 4 hours per term. For freshmen.

Fall, winter and spring terms. T., W., Th., F. at 9:40. Jewell Hall.

PROFESSOR HESTER.

31, 32, 33. **HISTORY OF CHRISTIANITY.** 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. Texts: The History of the Christian Church—Fisher; The Progress of World-Wide Missions—Glover; The Religions of the World—Grant; library references.

Credit, 4 hours per term. One course of college history requisite.

Fall, winter and spring terms. T., W., Th., F. at 7:50. Jewell Hall.

PROFESSOR HESTER.

11a, 12a, 13a. **GREEK NEW TESTAMENT.** 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).

Credit, 4 hours per term. Greek 23 (two years of Greek) requisite.
Fall, winter and spring terms. T., W., Th., F. at 9:40. Jewell Hall.
PROFESSOR DERWACHTER.

41b. **ORGANIZATION AND ADMINISTRATION OF RELIGIOUS EDUCATION.**

Credit, 2 hours. Education 13 requisite.
Fall term. T., Th. at 2:10. Jewell Hall.
PROFESSOR HESTER.

42b. **THE TEACHING OF RELIGIOUS EDUCATION.**

Credit, 2 hours. Education 13 requisite.
Winter term. T., Th. at 2:10. Jewell Hall.
PROFESSOR HESTER.

43b. **THE EFFICIENT CHURCH.**

Credit, 2 hours. Education 13 requisite.
Spring term. T., Th. at 2:10. Jewell Hall.
PROFESSOR HESTER.

BIOLOGY

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

21-22. **GENERAL ZOOLOGY.** A course dealing with the general principles of biology and giving a general view of all of the animal phyla. Text: College Zoology—Hegner. Fee, \$2.50.

Credit, 4 hours each term. For freshmen.

Fall and winter terms. Lectures T., Th. at 9:40. Laboratory, minimum 4 hours per week. Marston Hall.

PROFESSOR ELMORE AND MISS BURTON.

23. **GENERAL BOTANY.** A brief survey of the plant kingdom with special attention to the Phanerogams. Part of the time is given to a study of local flora and the preparation of an herbarium. Text: Principles of Botany—Bergen and Davis. Fee, \$2.50.

Credit, 4 hours. For Freshmen.

Spring term. Lectures T., Th. at 9:40. Laboratory, minimum 4 hours per week. Marston Hall.

PROFESSOR ELMORE AND MISS BURTON.

28-28a. **GENERAL BACTERIOLOGY.** Fundamental principles of Bacteriology, including the relation of bacteria to industries and diseases. Laboratory work is co-ordinated with the principles developed in the lectures, with emphasis upon technique. Typical pathogenic and non-pathogenic bacteria are studied. Text: Bacteriology—Buchanan. Fee, \$5.00.

Credit, 4 hours each term. Biology 21, 22, 23 and chemistry 1a, 2a, 3a requisite.

Fall and winter terms. Lectures T., Th. at 11:00. Laboratory M., W. at 2:10. Marston Hall.

MISS BURTON.

30. **BOTANY.** A course in general botany treating of the structure, physiology, and relationships of plants. Text: Principles of Botany—Bergen and Davis. Fee, \$2.50.

Credit, 4 hours. Biology 21, 22, 23 requisites.

Spring term. Lectures T., Th. at 11:00. Laboratory, minimum 4 hours per week. Marston Hall.

MISS BURTON.

32. **HISTOLOGY.** A study of the microscopic structure of animal tissues and the methods of histological work. Text: Manual of Normal Histology—Hill. Fee, \$2.50.

Given in alternate years; will be offered in 1930-31.

Credit, 4 hours. Biology 21, 22, 23 requisites.

Fall term. Lectures M., W. at 11:00. Laboratory, minimum 4 hours per week. Marston Hall.

PROFESSOR ELMORE.

29. **HUMAN PHYSIOLOGY.** 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. Fee, \$2.50.

Given in alternate years; will be offered in 1930-31.

Credit, 4 hours. Biology 21, 22, 23, 32 requisites.

Winter term. Lectures M., W. at 11:00. Laboratory, minimum 4 hours per week. Marston Hall.

PROFESSOR ELMORE.

27. **EMBRYOLOGY.** A study of embryological development as illustrated in the chick. Lectures deal with the development of germ cells, cleavage of the egg, formation of the principal organs, and the differentiation of tissues in vertebrates. Text: Vertebrate Embryology—Shumway; Laboratory Outlines—Lillie. Fee, \$2.50.

Credit, 4 hours. Biology 21, 22, 23, 29, 32 or 21, 22, 23, 34, 25 requisites.

Spring term. Lectures M., W. at 11:00. Laboratory, minimum 4 hours per week. Marston Hall.

PROFESSOR ELMORE.

34. **ENTOMOLOGY.** An elementary course dealing with the structure, physiology, development, classification, and economic relations of insects. Text: Economic Entomology—Fernald. Fee, \$2.50.

Given in alternate years; offered in 1929-30.

Credit, 4 hours. Biology 21, 22, 23 requisites.

Fall term. Lectures M., W. at 11:00. Laboratory, minimum 4 hours per week. Marston Hall.

PROFESSOR ELMORE.

25. **COMPARATIVE ANATOMY OF THE VERTEBRATES.** 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: Biology of the Vertebrates—Walter. Fee, \$2.50.

Given in alternate years; offered in 1929-30.

Credit, 4 hours. Biology 21, 22, 23, requisites.

Winter term. Lectures M., W. at 11:00. Laboratory, minimum 4 hours per week. Marston Hall.

PROFESSOR ELMORE.

33. **SYSTEMATIC BOTANY.** A study of local flora and the principles of classification of seed plants. Fee, \$2.50.

Credit, 3 hours. Biology 21, 22, 23 30 requisites.

Fall or spring term. Lectures M. at 9:40. Laboratory, minimum 6 hours per week. Marston Hall.

PROFESSOR ELMORE.

33a. **SYSTEMATIC BOTANY.** A study of local flora and the principles of classification of seed plants. Fee, \$2.50.

Credit, 6 hours. Biology 21, 22, 23, 30 requisites.

Fall or spring term. Lectures M. at 9:40. Laboratory, minimum 12 hours per week. Marston Hall.

PROFESSOR ELMORE.

35-36. **GENETICS.** A study of the anatomical structures and physiological processes concerned in heredity, and the application of these facts to the transmission of hereditary characters. Text: Genetics—Walter. Fee, \$2.50.

Credit, 2 hours. Elective for all college students.

Fall and winter terms. M., W. at 9:40. Marston Hall.

PROFESSOR ELMORE.

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

Any three years of Chemistry constitute a major; any two a minor. Those pursuing a major or minor in this department must take mathematics as a requisite, or take mathematics at the same time they take up the study of Chemistry.

1a, 2a, 3a. **GENERAL CHEMISTRY AND QUALITATIVE ANALYSIS.** A study of the common substances, elements and compounds and their behavior. Some qualitative analysis is included during latter part of year. There will be two classes; divisions to be arranged from time to time according to the students' ability or attainments.

Credit, 5 hours. First course in Chemistry. Open to freshmen.

Fall, winter and spring terms. Lectures M., W., F., at 8:45 or 9:40. Laboratory periods to be arranged; one M., W., afternoons, and one Monday mornings. Marston Hall.

PROFESSOR WEIDA.

31. **THEORETICAL CHEMISTRY.** The first term will be devoted to chemical laws and principles that could not be included in 1a, 2a, 3a. This course will precede or accompany all advanced Chemistry, and will indicate the fitness of the student to continue with Chemistry. Text: Second Year Chemistry—Chapin.

Credit, 5 hours. Chemistry 1a, 2a, 3a requisite.

Fall term. M., T., W., Th., F., at 7:50. Marston Hall.

PROFESSOR EDSON.

5-6. **ORGANIC CHEMISTRY.** A first course. Special topics in Organic Chemistry will be arranged to follow this course in the fall of 1931. Text: Conant; Adams and Johnson Manual.

Students who began chemistry after freshman year and who are taking major in chemistry may make arrangements to take courses 7 and 8 at same time as 5 and 6. Such students should take the course on the Electron given by Professor Edson, (also listed physics).

Credit, 5 hours per term. Chemistry 1a, 2a, 3a, 31 requisite.

Winter and spring terms. Lectures M., W., F., at 7:50. Laboratory periods T., Th., at 2:10. Marston Hall.

PROFESSORS WEIDA AND EDSON.

7-8. **QUANTITATIVE ANALYSIS.** Text: Quantitative Analysis—Fales.

Students who began chemistry after freshman year and who are taking major in chemistry may make arrangements to take courses 7

and 8 at same time as 5 and 6. Such students should take the course on the Electron given by Professor Edson (also listed physics).

Credit, 5 hours per term. One course in college mathematics (must be taken in conjunction with this course if not before), Chemistry 1a, 2a, 3a, 31 requisites.

Winter and spring terms. Lectures T., Th., at 1:15. Laboratory periods M., W., F., at 2:10. Marston Hall.

PROFESSOR EDSON.

9. PHYSICAL CHEMISTRY.

Credit, 5 hours. Chemistry 1a, 2a, 3a, 8 requisites.

Spring term. Lectures M., W., F., at 1:15. Laboratory periods T., Th., at 1:15. Marston Hall.

PROFESSOR EDSON.

13. SYNTHETIC ORGANIC CHEMISTRY.

Credit, 5 hours. Chemistry 1a, 2a, 3a, 31, 5, 6 requisites.

Fall term, beginning 1931. (Offered spring of 1930). Lectures T., Th., at 7:50. Laboratory periods M., W., F., at 2:10. Marston Hall.

PROFESSOR EDSON.

15. SPECIAL METHODS OF QUANTITATIVE ANALYSIS.

For those who have had at least two years of college chemistry. The details will be arranged and varied somewhat according to needs; ordinarily will include analysis of water, milk, and foods.

Credit, 5 hours. Chemistry 1a, 2a, 3a, 7, 8 requisites.

Winter term. Lectures W., F., at 1:15. Laboratory periods to be arranged with instructor. Marston Hall.

PROFESSOR EDSON.

16. INTRODUCTORY CHEMICAL MICROSCOPY. Use of microscope and its accessories for the detection of chemical substances, textiles, and paper fibres.

Credit, 5 hours. Open only to juniors and seniors who have had Chemistry 1a, 2a, 3a.

Spring term. Lectures W., F., at 1:15. Laboratory periods to be arranged with instructor. Marston Hall.

PROFESSOR EDSON.

For all except seniors the laboratory work is to be done regularly from 2:10 to 4 or 5 p. m., and on Monday mornings, when the professors can be in the laboratory or conveniently at hand, leaving others free for other duties. Two elementary sciences may usually be arranged for in the same year without conflict.

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 through the calculus.

EDUCATION

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.

Credit, 4 hours.

Fall term. Three divisions: M., T., W., Th. at 1:15, and T., W., Th., F. at 7:50 and 9:40. Jewell Hall.

PROFESSOR SULLIVAN.

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.

Credit, 4 hours. Education 11 requisite.

Winter term. Three divisions: M., T., W., Th. at 1:15, and T., W., Th., F. at 7:50 and 9:40. Jewell Hall.

PROFESSOR SULLIVAN.

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 instructions. A few of the topics studied are the learning process, habits, association, individual differences, intelligence, memory, and types of tests.

Credit, 4 hours. Education 11 requisite.

Spring term. Three divisions: M., T., W., Th. at 1:15, and T., W., Th., F. at 7:50 and 9:40. Jewell Hall.

PROFESSOR SULLIVAN.

14. TECHNIQUE OF TEACHING IN H. S. An intensive study of principles underlying the teaching process, and 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.

Credit, 4 hours. Education 11 requisite. Freshmen not admitted.

Fall term. T., W., Th., F. at 9:40. Jewell Hall.

PROFESSOR FREDERICK.

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.

Credit, 4 hours. Education 14 requisite. Freshmen not admitted.

Winter term. T., W., Th., F. at 9:40. Jewell Hall.

PROFESSOR FREDERICK.

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."

Credit, 4 hours. Education 14 and two years, or 24 Jewell hours in history, political science, sociology, economics, requisite. Freshmen not admitted.

Winter term. T., W., Th., F. Hours to be arranged. Jewell Hall.

PROFESSOR FREDERICK.

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.

Credit, 4 hours. Education 13 requisite.

Spring term. T., W., Th., F. at 9:40. Jewell Hall.

PROFESSOR FREDERICK.

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.

Credit, 4 hours. Education 14 and 2 years, or 24 Jewell hours, in science requisite. Freshmen not admitted.

Winter term. T., W., Th., F. Hours to be arranged. Jewell Hall.

PROFESSOR FREDERICK.

***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.

Credit, 4 hours. Education 15 and 16 requisites. Freshmen not admitted.

Winter term. T., W., Th., F. at 1:15. Jewell Hall.

PROFESSOR FREDERICK.

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.

Credit, 4 hours. Freshmen not admitted.

Fall term. T., W., Th., F. at 11:00. Jewell Hall.

PROFESSOR FREDERICK.

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.

Credit, 4 hours.

Winter term. T., W., Th., F. at 11:00. Jewell Hall.

PROFESSOR SULLIVAN.

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.

Credit, 4 hours. Education 11 or 13 requisite.

Spring term. T., W., Th., F. at 11:00. Jewell Hall.

PROFESSOR FREDERICK.

***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.

Credit, 4 hours.

Fall term. T., W., Th., F. at 1:15. Jewell Hall.

PROFESSOR FREDERICK.

***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.

Credit, 4 hours.

Spring term. T., W., Th., F. at 1:15. Jewell Hall.

PROFESSOR FREDERICK.

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.

Credit, 4 hours. Education 14 requisite.

Fall or winter term. 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.

PROFESSOR FREDERICK.

*Not given in 1930-31.

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

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

15. ENGLISH COMPOSITION. 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. 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.

Credit, 4 hours. College entrance requirements, requisite. Required of all freshmen.

Fall term. T., W., Th., F. at 8:45, 11:00, and 1:15. Jewell Hall.

PROFESSOR HARVEY.

16. COMPOSITION. The purpose of this course is to give training in methods, structure, and style of the forms of prose composition.

Credit, 4 hours. Course 15, requisite. Required of all freshmen.

Winter term. T., W., Th., F. at 8:45, 11:00, and 1:15. Jewell Hall.

PROFESSOR HARVEY.

17. COMPOSITION. Special study and practice in narration and description.

Credit, 4 hours. Courses 15 and 16, requisite. Required of all freshmen.

Spring term. T., W., Th., F. at 8:45, 11:00, and 1:15. Jewell Hall.

PROFESSOR HARVEY.

18. JOURNALISM. Gathering news. For members of the Student staff and reporters. Text: Newspaper Writing and Editing—Bleyer.

Credit, 2 hours. Courses 15, 16, and 17, requisite.

Fall term. Hours, 3:05, twice a week, days to be arranged. Jewell Hall.

PROFESSOR HARVEY.

19. JOURNALISM. Problems of reporting. Analysis of news values and the problems of reporting. Discussion of fair play and accuracy. For members of the Student staff and its reporters.

Credit, 2 hours. Course 18, requisite.

Winter term. Hours, 3:05, twice a week, days to be arranged.
Jewell Hall.

PROFESSOR HARVEY.

20. **JOURNALISM.** The Newspaper. Reading copy and re-writing. Fundamentals of newspaper organization. For the members of the Student staff and its reporters.

Credit, 2 hours. Course 19, requisite.

Spring term. Hours, 3:05, twice a week, days to be arranged.
Jewell Hall.

PROFESSOR HARVEY.

21, 22, 23. **PUBLIC SPEAKING.** Intensive training in oratory and debate for the members of the intercollegiate debate squad and for the oratorical contestants.

Credit, 2 hours each. Courses 15 and 16, requisites.

Fall, winter, and spring terms. Hours and days to be arranged.
Jewell Hall.

MR. EWING.

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 Mr. Ewing who gives intensive training thruout the year to the selected squad.

30b. SURVEY OF WORLD LITERATURE.

Credit, 4 hours. For sophomores and juniors. 15, 16, 17 requisites.

Fall term. T., W., Th., F., at 8:45 and 9:40. Jewell Hall.

MISS RICE.

30. SURVEY OF ENGLISH LITERATURE.

Credit, 4 hours. For sophomores and juniors. English 15, 16, 17, requisites.

Winter term. T., W., Th., F., at 8:45 and 9:40. Jewell Hall.

MR. EWING AND MISS RICE.

5. SHAKESPEARE AS A DRAMATIST.

Credit, 4 hours. For sophomores and juniors. English 15, 16, 17, requisites.

Spring term. T., W., Th., F., at 8:45 and 9:40. Jewell Hall.

MR. EWING AND MISS RICE.

8. MODERN PROSE.

Credit, 4 hours. English 30b and 30 requisites. Preferably for seniors.

Fall term. T., W., Th., F., at 7:50. Jewell Hall.

PROFESSOR FRUIT AND MISS RICE.

34. MODERN DRAMA.

Credit, 4 hours. English 30b and 30 requisites. Preferably for seniors.

Winter term. T., W., Th., F., at 7:50. Jewell Hall.

PROFESSOR FRUIT AND MISS RICE.

35a. MODERN POETRY.

Credit, 4 hours. English 30b and 30 requisites. Preferably for seniors.

Spring term. T., W., Th., F., at 7:50. Jewell Hall.

PROFESSOR FRUIT AND MISS RICE.

*9. LITERATURE OF THE VICTORIAN ERA.

Credit, 4 hours. English 30 and 5 requisites. For juniors and seniors.

Fall term. T., W., Th., F., at 7:50. Jewell Hall.

PROFESSOR FRUIT AND MR. EWING.

*36a MODERN ENGLISH NOVEL

Credit, 4 hours. English 30 and 15 requisites. For juniors and seniors.

Winter term. T., W., Th., F., at 7:50. Jewell Hall.

PROFESSOR FRUIT AND MR. EWING.

*35. ESTHETICS AND CRITICISM.

Credit. 4 hours. General Psychology requisite. For juniors and seniors.

Spring term. T., W., Th., F., at 7:50. Jewell Hall.

PROFESSOR FRUIT AND MR. EWING.

*Not given in 1930-1931.

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. PROBLEMS OF THE ACTOR.

Credit, 2 hours.

Fall term. T., Th., at 4:00. Jewell Hall.

Miss RICE.

39. READING, DRAMATIZING, AND RENDERING PLAYS.

Credit, 2 hours.

Winter term. T., Th., at 4:00. Jewell Hall.

Miss RICE.

40. STAGE-CRAFT.

Credit, 2 hours.

Spring term. T., Th., at 4:00. Jewell Hall.

Miss RICE.

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

ENGINEERING DRAWING

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

1a. ELEMENTS OF ENGINEERING DRAWING. Use of instruments, freehand lettering, geometrical figures, and orthographic projection. Text: Engineering Drawing—French.

Credit, 2 hours. Elective.

Fall term (also repeated winter and spring terms). M., W., or T., Th. at 2:10. Four hours per week. Marston Hall.

MR. BURKE.

2a. PROJECTIONS AND DIMENSIONING. Isometric oblique and cabinet projections, emphasis on dimensioning, development of surfaces and intersections for sheet metal work. Text: Engineering Drawing—French.

Credit, 2 hours. Drawing 1a requisite.

Fall term (also repeated winter and spring terms). M. W. or T., Th., at 2:10. Four hours per week. Marston Hall.

MR. BURKE.

3a. APPLICATIONS OF DRAWING. Working drawings, sketches, tracings, printing, bolts, threads, piping, etc.

Credit, 2 hours. Drawing 2a requisite.

Fall term (repeated winter and spring terms). M., W., or T. Th., at 2:10. Four hours per week. Marston Hall.

MR. BURKE.

4a. DESCRIPTIVE GEOMETRY. Point, line, and plane.

Credit, 4 hours. Upon presentation of plates showing satisfactory completion of the equivalent of courses 1a, 2a, 3a a student may be enrolled in this course.

Fall term. M., T., W., Th. at 2:10. Two lectures and four hours drawing per week. Marston Hall.

MR. BURKE.

5. DESCRIPTIVE GEOMETRY. Continuation of 4a.

Credit, 4 hours.

Winter term. M., T., W., Th. at 2:10. Two lectures per week and four hours drawing. Marston Hall.

MR. BURKE.

6. **DESCRIPTIVE GEOMETRY.** Oblique and parallel perspective. Elements of structural drawing. Shades and shadows.

Credit, 2 hours.

Spring term. M., T., or W., Th. at 2:10, Four hours per week.
Marston Hall.

MR. BURKE.

GEOLOGY

1. **GEOLOGY.** An elementary course on minerals and rocks is offered in the winter term, including physical and structural geology preparing for subsequent study of historical geology. Text: Scott or Chamberlain and Salisbury.

Credit, 4 hours.

Winter term. T., W., Th., F., at 11:00. Marston Hall.

PROFESSOR WEIDA.

GREEK

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

1d-2d-3d. ELEMENTARY GREEK.

Credit, 4 hours each term.

Fall, winter, and spring terms. T., W., Th., F. at 11:00. Jewell Hall.

PROFESSOR DERWACTER.

21. XENOPHON: ANABASIS. The purpose of the course is to strengthen the student's knowledge of form 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.

Credit, 4 hours. Greek 3d requisite.

Fall term. M., T., W., Th. at 2:10. Jewell Hall.

PROFESSOR DERWACTER.

22. HERODOTUS: SELECTIONS. 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.

Credit, 4 hours. Greek 21 requisite.

Winter term. M., T., W., Th. at 2:10. Jewell Hall.

PROFESSOR DERWACTER.

23. HOMER: ILIAD.

Credit, 4 hours. Greek 22 requisite.

Spring term. M., T., W., Th. at 2:10. Jewell Hall.

PROFESSOR DERWACTER.

BIBLE, 11a-12a-13a. NEW TESTAMENT GREEK. 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.

Credit, 4 hours each term. Greek 23 (two years of Greek) requisite.

Fall, winter, and spring terms. T., W., Th., F. at 9:40. Jewell Hall.

PROFESSOR DERWACTER.

24. PLATO: APOLOGY AND CRITO.

Credit, 4 hours. Greek 23 (two years of Greek) requisite.

Fall term. (Not given in 1930-31.) Jewell Hall.

PROFESSOR DERWACTER.

***28. EURIPEDES: SELECTED PLAYS.**

Credit, 4 hours. Greek 24 requisite.

Winter term. Jewell Hall.

PROFESSOR DERWACTER.

***25. SOPHOCLES: ANTIGONE.**

Credit, 4 hours. Greek 28 requisite.

Spring term. Jewell Hall.

PROFESSOR DERWACTER.

29. SEPTUAGINT. A course in the Greek Old Testament as a background for the study of the New Testament.

Credit, 4 hours. Greek 23 requisite.

Winter term. (Not given in 1930-31) Jewell Hall.

PROFESSOR DERWACTER.

30. GREEK PAPYRI. A study of some of the letters unearthed in Egypt, written in the vernacular of the New Testament period.

Credit, 4 hours. Greek 23 requisite.

Spring term. (Not given in 1930-31) Jewell Hall.

PROFESSOR DERWACTER.

*Will be given on sufficient demand.

NOTE—Courses 24, 29, 30 are given in alternation with New Testament Greek (Bible 11a, 12a, 13a). New Testament Greek will be given in 1930-31.

HISTORY

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.** Lectures, and class discussion. A general survey of ancient civilization and a study of the development of European civilization during the medieval and modern periods.

Credit, 4 hours each term. For freshmen.

Fall, winter, and spring terms. M., T., W., Th. at 1:15; T., W., Th., F. 7:50. Jewell Hall.

PROFESSORS SMITH AND PUGH.

4. **INTRODUCTORY AMERICAN HISTORY.** A survey of the origins, development, institutions and achievements of the United States. Lectures and discussions.

Credit, 4 hours. For freshmen who have had Ancient History in High School. Not open to freshmen who have had U. S. History in High School.

Fall term. T., W., Th., F. at 11:00. Jewell Hall.

PROFESSOR SMITH.

8 **SOCIAL AND POLITICAL HISTORY OF THE UNITED STATES.** An intensive study of the formation and development of the national life of the United States up to 1828.

Credit, 4 hours. History 2, 3, and 4 requisite.

Fall term. T., W., Th., F. at 1:15. Jewell Hall.

PROFESSOR SMITH.

5. **RECENT HISTORY OF THE UNITED STATES.** This course is a continuation of History 8 from 1829 to the present.

Credit, 4 hours. History 8 requisite.

Winter term. T., W., Th., F. at 1:15. Jewell Hall.

PROFESSOR SMITH.

9a. **HISTORY OF AMERICAN FOREIGN RELATIONS.** A course dealing with the foreign policy of the United States and with current international problems.

Credit, 4 hours. History 8 and 5 requisite.

Spring term. T., W., Th., F. at 1:15. Jewell Hall.

PROFESSOR SMITH.

7-7b. HISTORY OF ENGLAND. A survey of English history with special emphasis on the social and political development of England. Class notes on lectures, discussion, library reading, and preparation of special topics are required.

Credit, 4 hours each term. History 2 and 3 requisite.

Winter and spring terms. T., W., Th., F. at 11:00. Jewell Hall.

PROFESSOR SMITH.

***7a. THE BRITISH EMPIRE.** 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.

Credit, 4 hours. History 2 and 3 requisite.

Spring term. T., W., Th., F., at 11:00. Jewell Hall.

PROFESSOR SMITH.

6. THE RENAISSANCE AND THE REFORMATION. 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.

Credit, 4 hours. History 2 and 3 requisite.

Fall term. T., W., Th., F. at 11:00. Jewell Hall.

PROFESSOR PUGH.

6a. THE FRENCH REVOLUTION AND NAPOLEONIC ERA. 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.

Credit, 4 hours. History 2 and 3 requisite.

Winter term. T., W., Th., F. at 11:00. Jewell Hall.

PROFESSOR PUGH.

4a. ADVANCED MODERN EUROPEAN HISTORY. 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.

Credit, 4 hours. History 2 and 3 requisite.

Spring term. T., W., Th., F. at 11:00. Jewell Hall.

PROFESSOR PUGH.

31, 32, 33. **HISTORY OF CHRISTIANITY.** 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. (Identical with Bible 31, 32, 33.) Not accepted toward a major or minor in history.

Credit, 4 hours each term. One course of college history requisite.

Fall, winter, and spring terms. T., W., Th., F. at 7:50. Jewell Hall.

PROFESSOR HESTER.

*Not given in 1930-31.

LATIN

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

1a-2a-3a. **BEGINNING LATIN AND CAESAR.** Credit, 4 hours each term. This course is open for credit to those who offer two units of Latin or less for entrance.

Fall, winter, and spring terms. M., T., W., Th. at 1:15. Jewell Hall.

PROFESSOR MOON.

1c-2c-3c. **CAESAR AND CICERO'S ORATIONS.** 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.

Credit, 4 hours each term. Two entrance units in Latin requisite. Fall, winter, and spring terms. T., W., Th., F. at 8:45. Jewell Hall.

PROFESSOR DERWACHTER.

1d-2d-3d. **OVID AND VERGIL'S AENEID.** Emphasis will be placed on the cultural aspect of the two poets.

Credit, 4 hours each term. Three entrance units in Latin requisite. Fall, winter, and spring terms. T., W., Th., F. at 7:50. Jewell Hall.

PROFESSOR MOON.

21. **CICERO, DE AMICITIA, DE SENECTUTE.** The De Amicitia will be read carefully and the De Senectute more rapidly.

Credit, 4 hours. Four entrance units in Latin requisite.

Fall term. T., W., Th., F. at 9:40. Jewell Hall.

PROFESSOR MOON.

22. **PLINY, SELECTED LETTERS.** In this course some study will be made of Roman Life in the Silver Age. The epistolary type of literature also will be studied.

Credit, 4 hours. Four entrance units in Latin requisite.

Winter term. T., W., Th., F. at 9:40. Jewell Hall.

PROFESSOR MOON.

23. SELECTIONS FROM LATIN AUTHORS. In this course are included the best of the shorter poems in Latin literature, and selections from various prose writers.

Credit, 4 hours. Four entrance units in Latin requisite.

Spring term. T., W., Th., F. at 9:40. Jewell Hall.

PROFESSOR MOON.

***24. HORACE, ODES.** Translation and interpretation of the Odes, and careful study of the metrical systems.

Credit, 4 hours. Latin 23 requisite.

Fall term. M., T., W., Th. at 3:05. Jewell Hall.

PROFESSOR MOON.

***25. CICERO, PHILOSOPHICAL WORKS.** The Tuscular Disputations will be as a basis for study.

Credit, 4 hours. Latin 23 requisite.

Winter term. M., T., W., Th. at 3:05. Jewell Hall.

PROFESSOR MOON.

***26. LUCRETIUS, DE RERUM NATURA.** Critical study of Epicureanism as expounded by Lucretius.

Credit, 4 hours. Latin 23 requisite.

Spring term. M., T., W., Th. at 3:05. Jewell Hall.

PROFESSOR MOON.

***32. TACITUS, GERMANIA AND AGRICOLA.** Study of Tacitus' sources for the Germania, and the character of ancient biography.

Credit, 4 hours. Latin 23 requisite.

Fall term. M., T., W., Th. at 3:05. Jewell Hall.

PROFESSOR MOON.

***28. LATIN COMPOSITION.**

Credit, 4 hours. Latin 23 requisite.

Winter term. M., T., W., Th. at 3:05. Jewell Hall.

PROFESSOR MOON.

***30. JUVENAL.** The origin and development of Roman satire. Study of social life at Rome in the first century, A. D.

Credit, 4 hours. Latin 23 requisite.

Spring term. M., T., W., Th. at 3:05. Jewell Hall.

PROFESSOR MOON.

***39. SENECA'S EPISTLES.** Study of Greek and Roman philosophy, and the influence of Seneca on later literature.

Credit, 4 hours. Latin 23 requisite.

Fall term. M., T., W., Th. at 3:05. Jewell Hall.

PROFESSOR MOON.

***40. ROMAN COMEDY.** Origin and development of Roman comedy. Not less than two plays of Terence or Plautus will be studied.

Credit, 4 hours. Latin 23 requisite.

Winter term. M., T., W., Th. at 3:05. Jewell Hall.

PROFESSOR MOON.

***41. ROMAN ELEGY.** Selections from Tibullus and Propertius. Attention to contents, metre, and stylistic features.

Credit, 4 hours. Latin 23 requisite.

Spring term. M., T., W., Th. at 3:05. Jewell Hall.

PROFESSOR MOON.

*Given according to demand.

MATHEMATICS AND ASTRONOMY

GENERAL REMARKS

The mathematics department is desirous of extending its greatest assistance to students interested in that phase of education. To that end the following suggestions are made. The department of mathematics of William Jewell College serves the interests of five different types of students: (1) those interested in mathematics, who, after graduating from a four-year academic course in college, expect to enter some higher institution of learning to specialize in that field and its applications; (2) those who desire to become teachers of mathematics in secondary schools; (3) those interested in one or more of the many branches of engineering; (4) those interested in mathematics because of its applications to the sciences less closely related to mathematics than engineering, and (5) those interested in a general knowledge of the subject because of its disciplinary value, eternal truths, and general application to civilization.

For students whose major interests are included in 1, 2, or 3, as listed above, special curricula have been worked out and printed in William Jewell College and will be mailed on request (address your request to B. Edward Denton, Professor of mathematics, William Jewell College, Liberty, Missouri). Those whose interests are included in number 4 will do well to consult the head of the department of the science in which they are most interested. For those whose interests are included in number 5, the course in mathematics numbers 1, 2, and 3, is being offered.

MAJOR AND MINOR

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 in mathematics.

NOTES CONCERNING COURSES

Course in mathematics numbers 1, 2, and 3 is intended for those students who are interested in only one year of mathematics. The primary aim of this course as differentiated from the other freshman course is that it seeks to give the one-year student of mathematics a working knowledge of the fundamentals through elementary calculus and an insight into the range of their applications rather than a comprehensive knowledge of the theoretical and applied mathematics through plane analytic geometry. A student having had this course

may continue in second year mathematics but it will be more difficult for him than if he had had the course in mathematics numbers 11a, 11b, 15a, 15b, and 17.

Solid geometry can not be substituted for a required course in either a major or a minor in mathematics.

For special methods of teaching secondary school mathematics, see secondary education in summer school catalog. This course should be taken by all prospective teachers of Mathematics.

COURSES OF INSTRUCTION

1. **GENERAL MATHEMATICS.** The following topics will be studied: functions and graphs, trigonometric functions, exponents, logarithms, reduction formulas, line value, laws of sine, cosine, and tangent, solution of right and oblique triangles, straight line formulas, quadratic functions, etc. Text: Currier and Watson, General Mathematics.

Credit, 5 hours. One unit each of algebra and plane geometry requisite. For freshmen.

Fall term. M., T., W., Th., F. at 8:45. Marston Hall.

PROFESSOR DENTON.

2. **GENERAL MATHEMATICS.** A continuation of mathematics number 1 and linear equations, determinants, theory of equations, differentiation of elementary algebraic functions, integration, definite integrals, trigonometric functions (of a single angle, of multiple angles, graphical representation of, identities), polar co-ordinates, etc.

Credit, 5 hours. Mathematics 1 requisite.

Winter term. M., T., W., Th., F. at 8:45. Marston Hall.

PROFESSOR DENTON.

3. **GENERAL MATHEMATICS.** A continuation of mathematics 2 and progressions, series, interest formulas, mathematical induction, binomial theorem, laws of growth, exponential functions, conic sections and their properties, transformation of co-ordinates, direction cosine, loci in space, surfaces of revolution, application of definite integrals, permutation, combinations, probability, theory of measurements (averages, central tendency, relationships), complex numbers, etc.

Credit, 5 hours. Mathematics 2 requisite.

Spring term. M., T., W., Th., F. at 8:45. Marston Hall.

PROFESSOR DENTON.

10. **SOLID GEOMETRY.** An introduction to space relationships. Topics studied are: planes, dihedral, trihedral, and polyhedral angles, prisms, pyramids, cylinders, cones, spheres, etc. Recommended for students who did not have solid geometry in high school and expect to continue mathematics beyond the freshman year in college. Text: Smith, Essentials of Solid Geometry.

Credit, 3 hours. One unit each of algebra and plane geometry requisite. For freshmen.

Winter term. M., W., F. at 9:40. Marston Hall.

MR. BURKE.

11a-11b. **COLLEGE ALGEBRA.** A rapid review of the fundamentals of high school algebra and linear equations, quadratic equations, simultaneous quadratic equations, determinants, inequalities, progressions, logarithms, mathematical induction, binomial theorem, theory of equations, complex numbers, mathematics of finance, partial fractions, permutations, combinations, probabilities, series, etc. (Corresponds to mathematics numbers 12 and 14 of the 1928-29 catalog). Text: Harts, College Algebra.

Credit, 3 hours each term. One unit each of algebra and plane geometry requisite. For freshmen.

Fall and winter terms. M., W., F. at 8:45. Marston Hall.

MR. BURKE.

15a-15b. **PLANE TRIGONOMETRY.** Topics considered are: objects of trigonometry, functions of an acute angle, logarithms, use of tables, solution of right triangles, reduction formulas, line value, radian measure, graphical representation, functions of a single angle, identities, inverse functions, trigonometric equations, law of sine, cosine and tangent, solution of oblique triangles, functions of multiple angles, identities, etc. (Corresponds to mathematics number 13 of the 1928-29 catalog). Text: Shibli, Plane and Spherical Trigonometry.

Credit, 2 hours each term. One unit each in algebra and plane geometry requisite. For freshmen.

Fall and winter terms. T., Th. at 8:45. Marston Hall.

MR. BURKE.

17. **PLANE ANALYTIC GEOMETRY.** Topics studied are: fundamental notions, equations and their graphs, the straight line, circle, parabola, ellipse, hyperbola, properties of conic sections, transformation of co-ordinates, polar co-ordinates, higher plane curves, elements of curve fitting, etc. (Corresponds to mathematics number 24

of the 1928-29 catalogue). Text: Harding and Mullins, *Analytic Geometry*.

Credit, 5 hours. Mathematics numbers 11b and 15b requisites.

Spring term. M., T., W., Th., F. at 8:45. Marston Hall.

MR. BURKE.

21. **SPHERICAL TRIGONOMETRY.** This course is intended for students interested in higher mathematics, surveying, and astronomy. It treats of polar triangles, right spherical triangles, oblique spherical triangles, complex numbers, DeMoivre's theorem, hyperbolic functions, etc. Text: Shibli, *Plane and Spherical Trigonometry* (pages 159 to 206).

Credit, 2 hours. Mathematics number 15b requisite.

Winter term. T., Th. at 9:40. Marston Hall.

PROFESSOR DENTON.

22. **ANALYTIC GEOMETRY OF SPACE.** This course treats of fundamental notions, planes and lines in space, transformation of co-ordinates, types of surfaces, the sphere, the ellipsoid, the hyperboloid of one and two sheets, the elliptic and hyperbolic paraboloids, quadric cones and cylinders, classification of quadratic surfaces, some properties of quadratic surfaces, etc. Text: Snyder and Sisam, *Analytic Geometry of space* (pages 1 to 108).

Credit, 3 hours. Mathematics number 17 requisite.

Winter term. M., W., F. at 9:40. Marston Hall.

PROFESSOR DENTON.

25. **THE CALCULUS.** The following topics will be studied: review of underlying principles, general principles of differentiation, differentiation of algebraic, trigonometric, inverse trigonometric, logarithmic, and exponential functions, higher derivatives, differentials, maxima and minima and their applications, curvature, radius of curvature, theorem of mean value, indeterminate forms, integration, applications of integration, etc. Text: Granville, Smith, and Longley, *Elements of the Differential and Integral Calculus*.

Credit, 5 hours. Mathematics number 17 requisite.

Fall term. M., T., W., Th., F. at 9:40. Marston Hall.

PROFESSOR DENTON.

26. **THE CALCULUS.** A continuation of mathematics number 25 and constants of integration, the definite integral, integration a process of summation, integration by various devices, reduction formulas, centroids, fluid pressure, other applications, series, expansion of

functions, partial differentiation, applications, multiple integrals, moment of inertia, etc.

Credit, 5 hours. Mathematics number 25 requisite.

Spring term. M., T., W., Th., F. at 9:40. Marston Hall.

PROFESSOR DENTON.

***31. ANALYTIC MECHANICS.** (Statics). This course will include fundamental laws, conceptions, and definitions, resultants of force systems (parallel and non-parallel, concurrent and non-concurrent, in planes and in space), equilibrium of force systems, couples, trusses, cranes, cables, friction, centroids, moment of inertia, etc. (Corresponds to mathematics number 29 of the 1928-29 catalogue). Text: Seely and Ensign, Analytic Mechanics for Engineers.

Credit, 5 hours. Mathematics number 26 requisite.

Fall term. M., T., W., Th., F. at 7:50. Marston Hall.

PROFESSOR DENTON.

***32. ANALYTIC MECHANICS.** (Kinematics and Kinetics). A continuation of mathematics number 31 and motion of particles, velocity and acceleration (linear and angular), force, mass, moments, translation, rotation, plane motion, relative motion, work, energy, impulse, momentum, etc. (Corresponds to mathematics number 28 of the 1928-29 catalogue).

Credit, 5 hours. Mathematics number 31 requisite.

Winter term. M., T., W., Th., F. at 7:50. Marston Hall.

PROFESSOR DENTON.

***34. DIFFERENTIAL EQUATIONS.** 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, applications of the above principles to geometry, mechanics, and physics. (Corresponds to mathematics number 27 of the 1928-29 catalogue). Text: Murray, Differential Equations.

Credit, 5 hours. Mathematics number 26 requisite.

Spring term. M., T., W., Th., F. at 7:50. Marston Hall.

PROFESSOR DENTON.

36. THEORY OF EQUATIONS. An introductory course. This course will include: elementary properties of equations, complex numbers, the fundamental theorem, elementary transformation of equations, location of roots of equations, Horner's method, algebraic solution of the cubic and the quartic, solution of binomial equations

reciprocal equations, determinants, symmetric functions, elimination, resultants, etc.

Credit, 5 hours. Mathematics number 26 requisite.

Spring term. M., T., W., Th., F. at 7:50. Marston Hall.

PROFESSOR DENTON.

38. SELECTED TOPICS FROM HIGHER MATHEMATICS. A course in advanced calculus covering the following topics: general methods of integration, reduction formulas, double integrals, applications, triple integrals, partial differentiation, applications to geometry of space, Taylor's theorem, maxima and minima, Lagrange's multipliers, envelopes, etc. Text: Osgood, Advanced Calculus.

Credit, 5 hours. Mathematics 26 requisite.

Fall term. M., T., W., Th., F. at 7:50. Marston Hall.

PROFESSOR DENTON.

39. SELECTED TOPICS FROM HIGHER MATHEMATICS. A continuation of mathematics 38 and elliptic functions, indeterminate forms, line integrals, Green's theorem, flow of heat, transformation of multiple integrals, vector analysis, differential equations, Fourier's series, etc.

Credit, 5 hours. Mathematics number 38 requisite.

Winter term. M., T., W., Th., F. at 7:50. Marston Hall.

PROFESSOR DENTON.

1f-2w-3s. DESCRIPTIVE ASTRONOMY. A study of astronomical terms, planets, stars, sun, nebulae, comets, satellites, telescopes, spectroscopy, paths of heavenly bodies, etc. Text: Duncan, Astronomy.

Credit, 2 hours each term.

Fall, winter, and spring terms. T., Th. at 9:40. Marston Hall.

MR. BURKE.

*Given in 1931-32

DEPARTMENTS OF MODERN LANGUAGES

GENERAL REMARKS

In the early stages of the study of the languages taught in the Departments, 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 and German, but by constant comparisons of the sounds of these languages 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 Departments aim and endeavor 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

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

1, 2, 3. **ELEMENTARY FRENCH.** (Beginner's French). Rudiments of grammar; pronunciation, with special emphasis 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 the more common irregular verbs.

Credit, 4 hours each term.

Fall, winter, and spring terms. T., W., Th., F. at 11:00 and M., T., W., Th., at 1:15. Jewell Hall.

PROFESSOR BILA AND MR. CHRISMAN.

4, 5, 6. **INTERMEDIATE COURSE.** (Second year 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.

Credit, 4 hours each term. French 1, 2, 3, or its equivalent of two years of high school French requisite.

Fall, winter, and spring terms. T., W., Th., F. at 8:45. Jewell Hall.

PROFESSOR BILA AND MR. CHRISMAN.

7, 8, 9. **INTRODUCTION TO FRENCH CLASSICS.** (Third year French). 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 are read.

This course alternates with 10, 11, 12; 7, 8, 9 was given in 1929-30

Credit, 4 hours each term. French 4, 5, 6, or its equivalent requisite.

Fall, winter, and spring terms. T., W., Th., F. at 2:10. Jewell Hall.

PROFESSOR BILA.

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 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.

This course alternates with 7, 8, 9; 7, 8, 9 was given in 1929-30.

Credit, four hours each term. Open to juniors, seniors, and possibly sophomores who have completed the intermediate, or second year French.

Fall, winter and spring terms. T., W., Th., F. at 9:40. Jewell Hall.

PROFESSOR BILA.

GERMAN

1d, 2d, 3d. **ELEMENTARY GERMAN.** 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. Texts: First Course in German—Schrag and Alexis, German Reader for Beginners—Pope, Immensee—Storm.

Credit, 4 hours each term.

Fall, winter, and spring terms. T., W., Th., F. at 7:50. Jewell Hall.

PROFESSOR BILA.

4, 5, 6. **INTERMEDIATE** (Second Year German). Fall term is devoted to oral and written work. Review of grammar. Texts: Essentials of German—Vos; Nachlese—Diamond and Reinsch. In the winter term with the reading of about 250 pages of such authors as Storm, Sudermann, Rosegger is combined practice in oral and written composition. Spring term, text: German Science Reader—Hodge.

Alternates with 7, 8, 9; 4, 5, 6 given in 1929-30.

Credit, 4 hours each term. German 3d requisite for 4, and 4 for 5 and 6.

Fall, winter, and spring terms. T., W., Th., F. at 8:45. Jewell Hall.

PROFESSOR BILA.

7, 8, 9. **INTRODUCTION TO GERMAN CLASSICS.** (Third year course). 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.

Alternates with 4, 5, 6; 4, 5, 6, given in 1929-30.

Credit, 4 hours. Courses 1, 2, 3, or equivalent requisite.

Fall, winter, and spring terms. T., W., Th., F., at 8:45. Jewell Hall.

PROFESSOR BILA.

SPANISH

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

1, 2. **ELEMENTARY SPANISH.** Grammar, reading, composition and conversation. Texts: First Spanish Course—Hills and Ford, and *Lecturas Elementales*—Luria.

Credit, 4 hours each.

Fall and winter terms. M., T., W., Th. at 1:15, and T., W., Th., F., at 9:40 and 11:00. Jewell Hall.

PROFESSOR BYRNS AND MR. CHRISMAN.

3a. **ELEMENTARY SPANISH.** Continuation of Spanish 1 and 2, also a short course in commercial Spanish. Text: Spanish Correspondence—Harrison.

Credit, 4 hours. Spanish 2 requisite.

Spring term. M., T., W., Th. at 1:15, and T., W., Th., F. at 9:40 and 11:00. Jewell Hall.

PROFESSOR BYRNS AND MR. CHRISMAN.

4, 5, 6. **SECOND YEAR SPANISH.** 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.

Credit, 4 hours each term. Spanish 3a requisite.

Fall, winter, and spring terms. T., W., Th., F., at 7:50 and 11:00. Jewell Hall.

PROFESSOR BYRNS AND MR. CHRISMAN.

7, 8, 9. **ADVANCED SPANISH.** 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.

Credit, 4 hours each term. Spanish 6 requisite.

Fall, winter and spring terms. M., T., W., Th., at 2:10. Jewell Hall.

PROFESSOR BYRNS.

MUSIC

1, 2, 3. **MUSIC APPRECIATION.** 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.

Credit, 2 hours per term.

Fall, winter, and spring terms. T., Th. at 1:15. Jewell Hall.

PROFESSOR GROSCH.

10, 11, 12. **WOMEN'S GLEE CLUB.** Local concerts are given by the club and one or more concert trips are taken during the year.

Credit, 1-2 hour per term. For regularly enrolled college students.

Fall, winter, and spring terms. W. at 4:00. Jewell Hall.

PROFESSOR GROSCH.

4, 5, 6. **MEN'S GLEE CLUB.** The club makes at least one concert trip annually.

Credit, 1-2 hour per term. Open to regularly enrolled students.

Fall, winter, and spring terms. T. at 4:00. Jewell Hall.

PROFESSOR GROSCH.

7. **BAND.** The band is taken on a number of trips with the college football team and is used at many of the other athletic events and college activities.

Credit, 1-2 hour.

Fall, winter, and spring terms. Th. at 4:00. Jewell Hall.

PROFESSOR GROSCH.

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

PHILOSOPHY

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

4. **INTRODUCTION TO PHILOSOPHY.** 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.

Credit, 4 hours. Education 11, requisite.

Fall term. T., W., Th., F. at 1:15. Jewell Hall.

PROFESSOR FRUIT.

6. **HISTORY OF PHILOSOPHY.** Text: Rogers—Students History of Philosophy.

Credit, 4 hours. Education 11, requisite.

Winter term. M., T., W., Th., at 1:15. Jewell Hall.

PROFESSOR FRUIT.

3. **LOGIC.** This is an elementary course in the study of the aims and methods of thinking. Text: Creighton.

Credit, 4 hours. Education 11, requisite.

Spring term. M., T., W., Th., at 1:15. Jewell Hall.

PROFESSOR FRUIT.

PHYSICAL EDUCATION

1. **PHYSICAL EDUCATION PRACTICAL.** Classes in the following forms of exercise will be organized: Basket ball, tennis, handball, medicine ball, soccer, track, and football.

Credit, 1-2 hour.

Fall term. M., T., W., Th., F. at 11:00, 2:10, 3:05, and 4:00. One hour period three times a week comprises the course. Gymnasium.

PROFESSOR BOWLES.

2. **PHYSICAL EDUCATION PRACTICAL.** Boxing, wrestling, handball, medicine ball, soccer, gymnastics, indoor baseball, track, and basket ball will be given.

Credit, 1-2 hour.

Winter term. M., T., W., Th., F. at 11:00, 2:10, 3:05, and 4:00. One hour period three times a week comprises the course. Gymnasium.

PROFESSOR BOWLES.

3. **PHYSICAL EDUCATION PRACTICAL.** Basket ball, tennis, handball, track, football, medicine ball, soccer, and baseball will be given.

Credit, 1-2 hour.

Spring term. M., T., W., Th., F. at 11:00, 2:10, 3:05, and 4:00. One hour period three times a week comprises the course. Gymnasium.

PROFESSOR BOWLES.

10, 11, 12. **PHYSICAL EDUCATION THEORETICAL.** For students who intend to teach and coach athletics.

Credit, 3 hours per term.

Fall, winter, and spring terms. M., W., F. at 1:15. Gymnasium.

PROFESSOR BOWLES.

7, 8, 9. **PRINCIPLES OF COACHING.** 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.

Credit, 2 hours per term. Actual participation in one of the major sports. Freshmen not admitted.

Fall, winter, and spring terms. T., Th. at 2:10. Gymnasium.

PROFESSOR BOWLES.

NOTE: All students in the freshmen 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 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, and 10, 11, 12. No student will be allowed to graduate who has not completed 3 hours in courses 1, 2, 3. Required of all freshmen and sophomores entering college September, 1929, and thereafter.

HYGIENE AND SANITATION

1, 2, 3. **HYGIENE AND SANITATION.** In these courses will be discussed the fundamental laws of health and the health relations of the individual to the community.

Required for graduation. Must be taken in the freshman or sophomore year unless deferred by advice of the registrar. This requirement will be made of all students entering college after June, 1924.

Credit, 1 hour per term.

Fall, winter, and spring terms. M. at 11:00. Marston Hall.

PROFESSOR BOWLES.

PHYSICS

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

The equivalent of physics 1, 2, 3 is required of all students entering medical or engineering schools, elective by all others.

Physics 4, 5, 6 comprise the second year of general physics and is required of all students entering technical schools. Students having had one year of physics and trigonometry may be admitted to second year physics.

1, 2, 3. **GENERAL PHYSICS.** 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. Text: Physics for Colleges—Millikan, Gale, Edwards.

Students offering physics for entrance may be admitted to physics 2 without physics 1.

Credit, 4 hours per term. For freshmen.

Fall, winter, and spring terms. Lectures, T., Th. at 11:00. Two laboratory periods per week. Marston Hall.

PROFESSOR DAVIS.

4. **MECHANICS.** This course includes a study of forces, machines, liquids, and gases. Particular attention given to applications of physics in field of engineering and science. Text: College Physics—Kimball.

Credit, 5 hours. Physics 3 and Mathematics 15a, 15b or 1, 2, 3, or equivalent requisites. For sophomores.

Fall term. Lectures M., W., F. at 9:40. Two laboratory periods per week. Marston Hall.

MR. BURKE.

5. **SOUND, HEAT, AND ELECTRICITY.** Transmission of sound and heat by wave motion. A more advanced study of electricity, electrical measurements, etc. Text: College Physics—Kimball.

Credit, 5 hours. Physics 4 requisite. For sophomores.

Winter term. Lectures, M., W., F. at 9:40. Two laboratory periods per week. Marston Hall.

MR. BURKE.

6. RADIOACTIVITY AND LIGHT. The latest theories and developments in radioactivity. A study of light based on the transmission of energy by wave motion. Text: College Physics—Kimball.

Credit, 5 hours. Physics 5 requisite. For sophomores.

Spring term. Lectures, M., W., F. at 9:40. Two laboratory periods per week. Marston Hall.

MR. BURKE.

9. HEAT AND LIGHT. An advanced course in heat and light. This includes a study of thermometry, pyrometry, calorimetry, temperature regulation, vapor pressures and densities, thermodynamics, refractometry, photometry, polarimetry, and saccharimetry. Text: Heat and Light for Advanced Students—Edser.

Credit, 5 hours. Physics 5 requisite. For juniors and seniors.

Winter term. Lectures, conferences, and laboratory M., T., W., Th., F. at 9:40. Marston Hall.

PROFESSOR DAVIS.

7. ELECTRON THEORY. 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.

Credit, 5 hours. Physics 6 and chemistry 3a, or chemistry 6 and physics 3 requisite. For juniors and seniors.

Fall term. Lectures M., T., W., Th., F. at 9:40. Marston Hall.

PROFESSOR EDSON.

12. SURVEYING. 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. Text: Surveying—Breed and Hosmer.

Credit, 5 hours. Physics 3 and Mathematics 15a, 15b or 1, 2, 3 requisite.

Spring term. M., T., W., Th., F. at 2:10. Marston Hall.

PROFESSOR DAVIS.

10a. ELECTRICITY AND MAGNETISM. 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: Principles of Electrical Engineering—Timbie and Bush.

Credit, 5 hours. Physics 6 and Mathematics 26 requisite.

Fall term. Lectures, conferences and laboratory M., T., W., Th., F. at 8:45. Marston Hall.

PROFESSOR DAVIS.

10. DIRECT CURRENT ELECTRICITY. Direct current machinery including dynamos, motors, coils and batteries as well as the distribution and use of the current will be discussed. Text: Direct Current Machinery—Pender.

Credit, 5 hours. Physics 6 and Mathematics 26 requisite.

Winter term. Lectures, conferences and laboratory M., T., W., Th., F. at 8:45. Marston Hall.

PROFESSOR DAVIS.

11. ALTERNATING CURRENTS. Theory and practice in the generation, transmission and use of the alternating current. Text: Alternating Current—Timbie.

Credit, 5 hours. Physics 10 requisite.

Spring term. Lectures, conferences and laboratory M., T., W., Th., F. at 8:45. Marston Hall.

PROFESSOR DAVIS.

In so far as possible all laboratory periods will be arranged from 2:10 to 4:00.

POLITICAL SCIENCE

10. **EUROPEAN GOVERNMENTS.** The constitutional organization and practical workings of the principal governments of Europe.

Credit, 4 hours. Not open to freshmen.

Fall term. T., W., Th., F. at 8:45. Jewell Hall.

PROFESSOR SMITH.

1. **AMERICAN GOVERNMENT.** The Nation. 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.

Credit, 4 hours. Political Science 10 requisite.

Winter term. T., W., Th., F. at 8:45. Jewell Hall.

PROFESSOR SMITH.

2. **AMERICAN GOVERNMENT.** The States. 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.

Credit, 4 hours. Political Science 10 and 1 requisite.

Spring term. T., W., Th., F. at 8:45. Jewell Hall.

PROFESSOR SMITH.

SOCIAL SCIENCE

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

31. INTRODUCTION TO SOCIOLOGY. 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.

Credit, 4 hours. For sophomores.

Fall term. T., W., Th., F. at 9:40. Jewell Hall.

PROFESSOR HOWD.

4. SOCIAL PSYCHOLOGY. 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 requisites except sophomore standing, the student would do well to take Sociology 31 and Education 11, general psychology, before taking this course.

Credit, 4 hours. For sophomores.

Winter term. T., W., Th., F. at 9:40. Jewell Hall.

PROFESSOR HOWD.

32. SOCIAL PATHOLOGY. A study of the maladjustments of society, their causes, preventives and proposed remedies.

Credit, 4 hours. Sociology 31 and 4 requisite.

Spring term. T., W., Th., F. at 9:40. Jewell Hall.

PROFESSOR HOWD.

34. THE FAMILY. A genetic study of the family, with particular emphasis upon the effect of modern conditions and movements upon the institution.

Credit, 4 hours. Courses 31 and 4 requisite.

Fall term. M., T., W., Th. at 1:15. Jewell Hall.

PROFESSOR HOWD.

35a. RACE PROBLEMS. 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.

Credit, 4 hours. Courses 31 and 4 requisite.

Winter term. M., T., W., Th. at 1:15. Jewell Hall.

PROFESSOR HOWD.

3a. **RURAL AND URBAN SOCIOLOGY.** 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.

Credit, 4 hours. Courses 31 and 4 requisite.

Spring term. M., T., W., Th. at 1:15 Jewell Hall.

PROFESSOR HOWD.

41. **SOCIAL CONTROL.** A study of the more important means which society uses to secure the co-operation of its members in the various group enterprises, with a critical appraisal of these methods.

Credit, 4 hours. Six courses in Sociology or the consent of the instructor requisite.

Fall term. Hours to be arranged. Jewell Hall.

PROFESSOR HOWD.

42. **SOCIOLOGICAL THEORIES.** A critical study of the major sociological theories since Comte.

Credit, 4 hours. Six courses in Sociology or the consent of the instructor requisite.

Winter term. Hours to be arranged. Jewell Hall.

PROFESSOR HOWD.

43. **THE PROBLEM OF PROGRESS.** A genetic and critical examination of the idea of Progress, and an attempt to appraise its present significance and validity.

Credit, 4 hours. Six courses in Sociology or consent of instructor requisite.

Spring term. Hours to be arranged. Jewell Hall.

PROFESSOR HOWD.

ECONOMICS

Major nine courses, minor six courses.

37. INTRODUCTION TO ECONOMICS. 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.

Credit, 4 hours. For sophomores.

Fall term. T., W., Th., F. at 7:50. Jewell Hall.

PROFESSOR HOWD.

37a. INTRODUCTION TO ECONOMICS (Continued). A continuation of 37 dealing with distribution, public finance, labor problems, and other problems.

Credit, 4 hours. Economics 37 requisite.

Winter term. T., W., Th., F. at 7:50. Jewell Hall.

PROFESSOR HOWD.

38. LABOR PROBLEMS. 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.

Credit, 4 hours. Economics 37a requisite.

Spring term. T., W., Th., F. at 7:50. Jewell Hall.

PROFESSOR HOWD.

21. BUSINESS ORGANIZATION AND MANAGEMENT. A study of the science of business, forms of business organization, and the financing and management of the enterprises.

Alternates with Economics 7; 7 given in 1929-30.

Credit, 4 hours. Economics 37a requisite.

Fall term. T., W., Th., F. at 8:45. Jewell Hall.

PROFESSOR PUGH.

22. MONEY AND BANKING. A study of the origin, kinds, function, and systems of money and banking with special emphasis on the Federal Reserve System.

Alternates with Economics 8; 8 given in 1929-30

Credit, 4 hours. Economics 37a requisite.

Winter term. T., W., Th., F. at 8:45.

PROFESSOR PUGH.

23. RAILWAY TRANSPORTATION. History of railway development and a study of the major problems of the industry, such as rate-making and regulation.

Alternates with Economics 9; 9 given in 1929-30.

Credit, 4 hours. Economics 37a requisite.

Spring term. T., W., Th., F. at 8:45.

PROFESSOR PUGH.

7. COMMERCIAL GEOGRAPHY. A study of the natural resources of the world and their development as these are related to modern social and political life.

Alternates with Economics 21; 7 given in 1929-30.

Credit, 4 hours. For sophomores.

Fall term. T., W., Th., F. at 8:45. Jewell Hall.

PROFESSOR PUGH.

8. EUROPEAN ECONOMIC HISTORY. The backgrounds and development of modern economic institutions as these have developed in western Europe.

Alternates with Economics 22; 8 given in 1929-30.

Credit, 4 hours. For sophomores.

Winter term. T., W., Th., F. at 8:45. Jewell Hall.

PROFESSOR PUGH.

9. AMERICAN ECONOMIC HISTORY. The settlement and growth of the United States with special reference to the economic aspects of that development.

Alternates with Economics 23; 9 given in 1929-30.

Credit, 4 hours. For sophomores.

Spring term. T., W., Th., F., at 8:45. Jewell Hall.

PROFESSOR PUGH.

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 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.

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

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

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

The Jewell Playmakers Club is interested in theatrical entertainment in general and in stage representation.

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, track or tennis.

Sigma Pi Sigma. This is a national honorary physics fraternity. The local chapter has been installed during the present year. The object of this fraternity is to promote interest in the advanced study of physics, to stimulate individual research work, to enable members to keep pace with the progress of this science and to encourage a spirit of co-operation and friendship among those who have displayed marked ability in this study.

Pi Gamma Mu is a social science honor society. The local chapter was organized during the present year. The object of the society is to maintain and cultivate the interests of its members in the social sciences.

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 co-operation 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.

SCHEDULE FOR 1930-1931

HOUR	FALL TERM			WINTER TERM			SPRING TERM		
	Courses	Requisite	Cr. Hrs.	Courses	Requisite	Cr. Hrs.	Courses	Requisite	Cr. Hrs.
7:50	Bible 31.....	4 hrs. Hist.	4	Bible 32.....	4 hrs. Hist.	4	Bible 33.....	4 hrs. Hist.	4
	Chem. 13.....	3a, 5, 6, 31	5	Chem. 5.....	3a, 31	5	Chem. 6.....	5	4
	Chem. 31.....	3a	5						
	Econ. 37.....	Soph.	5	Econ. 37a.....	37	4	Econ. 38.....	37a	4
	Edu. 11.....	Fr.	4	Edu. 12a.....	11	4	Edu. 13.....	11	4
	Eng. 8.....	30, 30b	4	Eng. 34.....	30, 30b	4	Eng. 35a.....	30, 30b	4
	German 1d.....	Fr.	4	German 2d.....	1d	4	German 3d.....	2d	4
	Hist. 1.....	Fr.	4	Hist. 2.....	Fr.	4	Hist. 3.....	2	4
	Hist. 31.....	1 yr. Hist.	4	Hist. 32.....	31	4	Hist. 33.....	32	4
	Latin 1d.....	3U	4	Latin 2d.....	1d	4	Latin 3d.....	2d	4
	Math. 38.....	26	5	Math. 39.....	38	5	Math. 36.....	26	5
	Span. 4.....	3a	4	Span. 5.....	4	4	Span. 6.....	5	4
8:45	Chem. 1a.....	Fr.	5	Chem. 2a.....	1a	5	Chem. 3a.....	2a	5
	Econ. 21.....	37a	4	Econ. 22.....	37a	4	Econ. 23.....	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.....	15, 16, 17	4
	French 4.....	3	4	French 5.....	4	3	French 6.....	5	4
	German 7.....	3d	4	German 8.....	4	4	German 9.....	4	4
	Latin 1c.....	2U	4	Latin 2c.....	1c	4	Latin 3c.....	2c	4
	Math. 1.....	2U	5	Math. 2.....	1	5	Math. 3.....	2	5
	Math. 11a.....	2U	3	Math. 11b.....	11a	3	Math. 17.....	11b, 15b	5
	Math. 15a.....	2U	2	Math. 15b.....	15a	2			
	Phys. 10a.....	6, Math. 26	5	Phys. 10.....	6, Math. 26	5	Phys. 11.....	10	5
	Pol. Sc. 10.....	Soph.	4	Pol. Sc. 1.....	10	4	Pol. Sc. 2.....	1	4
9:40	Astron. 1f.....	Fr.	2	Astron. 2w.....	1f	2	Astron. 3s.....	2w	2
	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	Biol. 36.....	35	2	Biol. 33a.....	21, 22, 23, 30	3
	Biol. 33a.....	21, 22, 23, 30	4	Chem. 2a.....	1a	5	Biol. 33a.....	21, 22, 23, 30	6
	Biol. 35.....	Fr.	2	Edu. 12a.....	11	4	Chem. 3a.....	2a	5
	Chem. 1a.....	Fr.	5	Edu. 15.....	14	4	Edu. 13.....	11	4
	Edu. 11.....	Fr.	4	Eng. 30.....	30b	4	Edu. 19.....	13	4
	Edu. 14.....	11 or 13	4	French 11.....	10	4	Eng. 6.....	15, 16, 17	4
	Eng. 30b.....	15, 16, 17	4	Latin 22.....	4U	4	French 12.....	11	4
	French 10.....	6	4	Math. 10.....	2U	3	Latin 23.....	4U	4
	Latin 21.....	4U	4	Math. 21.....	15b	2			
	Math. 25.....	17	5	Math. 22.....	17	3	Math. 26.....	25	5
	Phys. 4.....	3a, Math. 15b	5	Phys. 5.....	4	5			
	Phys. 7.....	6, Chem. 3a	5	Phys. 9.....	5	5	Phys. 6.....	5	5
	Span. 1.....	Fr.	4	Span. 2.....	1	4	Span. 3a.....	2	4
	Soc. 31.....	Soph.	4	Soc. 4.....	Soph.	4	Soc. 32.....	Soc. 31, 4	4

SCHEDULE FOR 1930-1931 (Continued)

HOURL	Courses	Requisite	Cr. Hrs.	Courses	Requisite	Cr. Hrs.	Courses	Requisite	Cr. Hrs.
10:35					CONVOCAION				
	Bible 1a	Fr	2	Bible 2a	Fr	2	Bible 3a	Fr	2
	Biol. 28, 21, 22, 23, Ch. 1a, 2a, 3a		4	Biol. 28a	23	4	Biol. 30	23	4
	Biol. 32	21,, 22, 23	4	Biol. 29	23, 32	4	Biol. 27	23, 29, 30 or 34, 35, 23	4
	Biol. 34	21, 22, 23	4	Biol. 25	21, 22, 23	4			
	Edu. 24	Not. Fr	4	Educ. 21a		4	Educ. 18a	11 or 13	4
	Eng. 15	Fr	4	Eng. 16	15	4	Eng. 17	15, 16	4
	French 1	Fr	4	French 2	1	4	French 3	2	4
				Geol. 1	Fr	4			
11:10	Greek 1d	Fr	4	Greek 2d	1d	4	Greek 3d	2d	4
	Hist. 6	2, 3	4	Hist. 7	2, 3	4	Hist. 4a	2, 3	4
	Hist. 4	Fr	4	Hist. 6a	2, 3	4	Hist. 7b	2, 3	4
	H. and S. 1	Fr	1	H. and S. 2	1	1	H. and S. 3	Fr	1
	Phys. 1	Fr	4	Phys. 2	1	4	Phys. 3	2	4
	Ph. Ed. 1	Fr	½	Ph. Ed. 2	Fr	½	Ph. Ed. 3	Fr	½
	Span. 1	Fr	4	Span. 2	1	4	Span. 3a	2	4
	Span. 4	3a	4	Span. 5	4	4	Span. 6	5	4

NOON

1:15	Bible 1a	Fr.	2	Bible 2a	Fr.	2	Bible 3a	Fr.	2
				Chem. 7	3a, 31	5	Chem. 8	7	5
				Chem. 15	8	5	Chem. 9	8	5
							Chem. 16	3a	5
	Edu. 11	Fr.	4	Educ. 12a	11	4	Educ. 13	11	4
	Eng. 15	Fr.	4	Eng. 16	15	4	Eng. 17	15, 16	4
	French 1	Fr.	4	French 2	1	4	French 3	2	4
	Hist. 1	Fr.	4	Hist. 2	Fr.	4	Hist. 3	2	4
	Hist. 8	2, 3, 4	4	Hist. 5	8	4	Hist. 9a	5, 8	4
	Latin 1a	Fr.	4	Latin 2a	1a	4	Latin 3a	2a	4
	Music 1	Fr.	2	Music 2	Fr.	2	Music 3	Fr.	2
	Phil. 4	Edu. 11	4	Phil. 6	Ed. 11	4	Phil. 3	Ed. 11	4
	Ph. Ed. 10	Permit	3	Ph. Ed. 11	Permit	3	Ph. Ed. 12	Permit	3
	Span. 1	Fr.	4	Span. 2	1	4	Span. 3a	2	4
	Soc. 34	31, 4	4	Soc. 35a	31, 4	4	Soc. 3a	31, 4	4
2:10	Bible 41b	Ed. 13	2	Bible 42b	Ed. 13	2	Bible 43b	Ed.	4
	Engl. Dr. 1a	Fr.	2	Engl. Dr. 1a	Fr.	2	Engl. Dr. 1a	Fr.	2
	Engl. Dr. 2a	1a	2	Engl. Dr. 2a	1a	2	Engl. Dr. 2a	1a	2
	Engl. Dr. 3a	2a	2	Engl. Dr. 3a	2a	2	Engl. Dr. 3a	2a	2
	Engl. Dr. 4a	3a	4	Engl. Dr. 5	4a	4	Engl. Dr. 6	5	2
	French 7	6	4	French 8	7	4	French 9	8	4
	Greek 21	3d	4	Greek 22	21	4	Greek 23	22	4
	Ph. Ed. 1	Fr.	1/2	Ph. Ed. 2	Fr.	1/2	Ph. Ed. 3	Fr.	1/2
	Ph. Ed. 7	Permit	2	Ph. Ed. 8	Permit	2	Ph. Ed. 9	Permit	2
	Span. 7	6	4	Span. 8	7	4	Phys. 12	3, Math. 15b	5
							Span. 9	8	4
3:05	Eng. 18	17	2	Eng. 19	18	2	Eng. 20	19	2
	Latin 24	23	4	Latin 25	23	4	Latin 26	23	4
	Latin 32	23	4	Latin 23	23	4	Latin 30	23	4
	Latin 39	23	4	Latin 40	23	4	Latin 41	23	4
	Ph. Ed. 1	Fr.	1/2	Ph. Ed. 2	Fr.	1/2	Ph. Ed. 3	Fr.	1/2
4:00	Eng. 38	Permit	2	English 39	Permit	2	Eng. 40	Permit	2
	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	Music 7	Fr.	1/2	Music 7	Fr.	1/2
	Ph. Ed. 1	Fr.	1/2	Ph. Ed. 2	Fr.	1/2	Ph. Ed. 3	Fr.	1/2

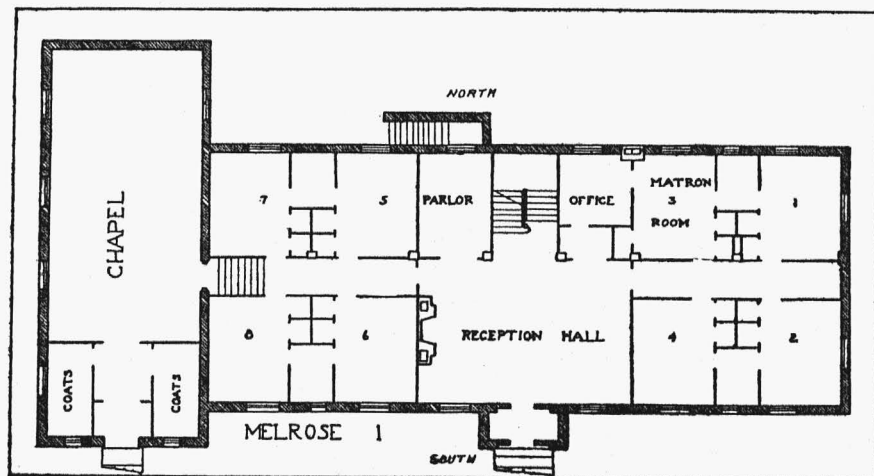
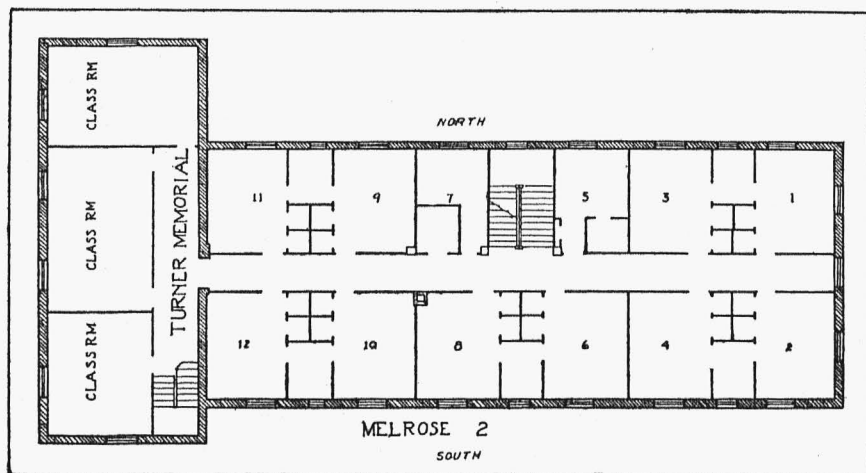
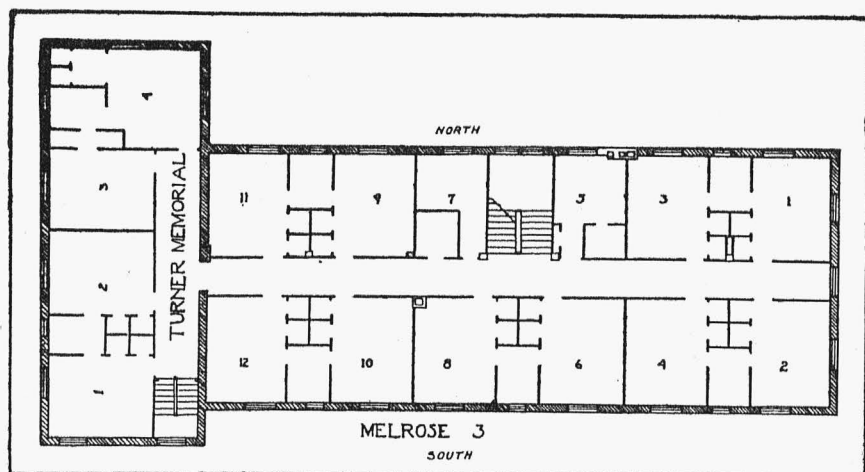
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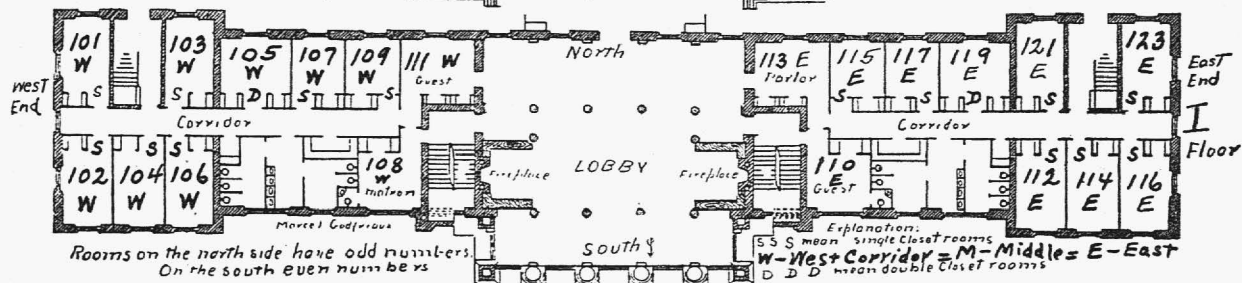
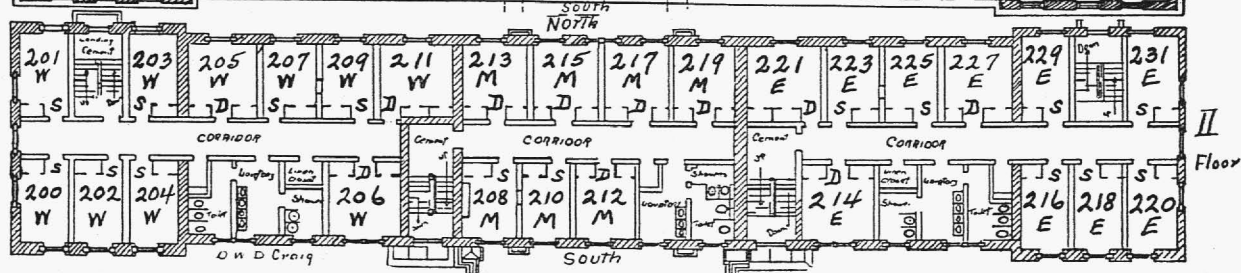
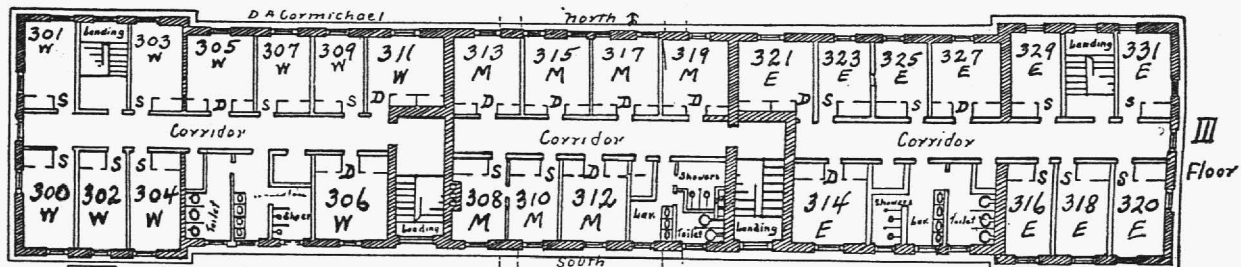
TABLE OF MAJORS AND THEIR PRESCRIBED MINORS

Requisites 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.	6 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 subject or 3 terms each in two subjects from group II.	6 terms of one subject or 3 terms each of two subjects from group III.	6 terms of German or French.
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 language, 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, other than history.	6 terms in one subject or 3 terms each in two subjects from group II.	6 terms of one foreign language.
Entrance units in- cluding at least 2 units of Latin	Latin (6 years of Latin in- cluding en- trance 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 plane 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 French or German.
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 from group III.	6 terms of one subject or 3 terms each of two subjects from group II.

See plan of Majors and Minors on Page 25





PRICES FOR ROOMS PER TERM FOR EACH BOY

Description of rooms	Price for one student in room	Price each for two students in room
FALL TERM		
South rooms on east and west ends.....	\$38.00	\$27.00
North rooms on east and west ends.....	34.75	23.75
South single closet rooms	32.50	21.75
North single closet rooms	30.50	19.50
South double closet rooms		27.00
North double closet rooms.....		25.00
Old Ely: all large rooms. No plat.		15.00

WINTER AND SPRING TERMS

South rooms on east and west ends.....	\$33.50	\$24.00
North rooms on east and west ends.....	30.75	21.25
South single closet rooms	28.75	19.25
North single closet rooms	26.75	17.25
South double closet rooms.....		24.00
North double closet rooms.....		22.00
Old Ely: all large rooms. No plat.....		12.50

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

FALL TERM

Corner rooms, \$32.50. All other rooms, \$27.00.

WINTER AND SPRING TERMS

Corner rooms, \$28.75 per term. All other rooms, \$24.00 per term.
(There will be two girls in each room.)

Permit to change rooms during the term \$1.00.

SUMMER SESSION

1930

Announcements

Summer Session Opens Monday, May 26
and Closes Friday, August 1



Address all communication to

DIRECTOR OF THE SUMMER SESSION
WILLIAM JEWELL COLLEGE
LIBERTY, MISSOURI

CALENDAR

SUMMER SESSION BEGINS Monday, May 26.

REGISTRATION, Monday, May 26.

CLASS WORK BEGINS, Tuesday, May 27.

REGISTRATION PERMITTED TO June 9.

FIRST TERM CLOSES Friday, July 4.

REGISTRATION SECOND TERM Saturday, July 5.

SUMMER SCHOOL CLOSES Friday, August 1.

FACULTY

JOHN F. HERGET, A. M., LL. D., 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 M. 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.

ELEANOR BURTON, A. B., (William Jewell).

Instructor of Biology.

CHEMISTRY

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

Head of Department and Professor of Chemistry.

FRANK G. EDSON, A. B., (William Jewell), M. A., (University of Colorado).

Assistant 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. degree 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 of Philosophy.

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

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

VIRGINIA D. RICE, A. B., (William Jewell).

Instructor of English.

One year's work for A. M. in English at University of Kansas.

W. PREWITT EWING, A. B., (William Jewell).

Instructor of English and Coach of Debate.

HISTORY AND POLITICAL SCIENCE

W. HOLT SMITH, A. B., (William Jewell), B. D., Th. M., Ph. D., (Chicago).

Head of Department and Professor of History and Political Science.

ULMA R. PUGH, M. A., (Baylor), Th. M., (Southwestern Baptist Theological Seminary).

Assistant Professor of History.

Sixteen majors at the University of Iowa on the Ph. D. degree.

MATHEMATICS AND ASTRONOMY

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

Head of Department and Professor of Mathematics.

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

Instructor of Mathematics.

FRENCH AND GERMAN

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

Head of Department and Professor of French and German.

CLARENCE G. CHRISMAN, A. B., (William Jewell).

Instructor of French.

One year's study in Universities of Madrid and Paris.

SPANISH

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

Head of Department and Professor of Spanish.

CLARENCE G. CHRISMAN, A. B., (William Jewell).

Instructor of Spanish.

One year's study in Universities of Madrid and Paris.

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 Edinburg, 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 of Physics.

SOCIAL SCIENCE

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

Head of Department and Professor of Social Sciences.

ULMA R. PUGH, M. A., (Baylor), TH. M., (Southwestern Baptist Theological Seminary).

Assistant Professor of Economics.

Sixteen majors at the University of Iowa on the Ph. D. degree.

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 catalog.

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 13.)

BOOKSTORE

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 Melrose Hall, should send \$5.00 to Professor J. E. Davis, Business Man-

ager, 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 clothes.

APPROXIMATE EXPENSES

	Ten Weeks	Six Weeks	Four Weeks
Tuition.....	\$40.00	\$25.00	\$16.00
Student Activity Fee.....	1.00	1.00	
Physics Laboratory Fee (Entire Triple Course).....	7.50	5.00	
Chemistry Laboratory Fee	10.00	6.00	
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: Chemistry, Education and Psychology, English, Greek, History, Latin, Mathematics, Modern Languages, Physical Education, Physics, Political Science, Sociology, and Commercial Courses. (Credit for Commercial Courses will not be given toward the degree in William Jewell College.)

DEGREES CONFERRED, MAY 23, 1929

BACHELOR OF ARTS

¶Adams, Cecil Clifton	McFall
Adams, Joseph Ross	Liberty
Adams, Leah Brooks	Nashua
Allen, Edyth Gypsy	3510 Terrace, Kansas City
Bailey, Harvey Howard	225 S. Park, Casper, Wyoming
Beamer, George C.	Liberty
Beck, Hazel Pauline	Bedford, Iowa
Benton, J. B.	310 Harris, Trenton
Burton, Eleanor Paxton	4746 Roanoke Rd., Kansas City
Canaday, Anna Hazel Prather	204 State St., Lexington, Ky.
Carlisle, Anna B.	Williamstown
Clark, John Wright	3824 Euclid, Kansas City
*Clark, Wayne Clinton	Bedford, Iowa
Cooper, Alice	3002 Mitchell, St. Joseph
Crouch, James Anderson	Liberty
Day, Glenn Buford	1219 Felix St. Joseph
*DeLozier, Homer Earl	1216 W. Green, Clinton
Dickinson, John S.	Excelsior Springs
Dickson, William Harold	California
*Douglas, Mary	Liberty
Duncan, Marie Edgra	Liberty
Ferris, Elizabeth Lee	314 E. Monroe, Mexico
Gary, Walter Raymond	Doniphan
*Grace, Daniel Lee	522 E. Colorado Ave., St. Joseph
*Hanan, Cleates Edgar	Liberty
Hanson, Ruby A.	Liberty
Hays, William Paul	103 E. Logan, Harrisburg, Ill.
Headlee, Elmer Warren	Sedalia
Hinds, George E.	Excelsior Springs
Hodgin, Willard Tharp	Fairfax
*Holt, Champ Clark	Holt Summit
Hudlemeyer, James Thomas	Nashua
Hughes, Joseph M.	Dawn
Huntington, Nancy Elizabeth	Liberty
Johnson, Amos Emory	1034 S. Bishop, Dallas, Texas

*Ministerial Students.

¶Where the state is not mentioned, Missouri is to be understood.

Jones, Lloyd S.	Edgerton
*King, William Ely	2389 W. Front, Selma, California
Link, Virginia Leah	Liberty
Lynch, Ada Idella	Liberty
*Lynch, Wanda Marie	Liberty
McBee, Earl T.	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.	601 Olive, Holden
Osborn, Robert Blair	Clifton Hill
Payne, Gertrude Mae	Liberty
Perkins, Mildred Fontaine	Liberty
Peters, Garnet Mason	Kearney
Phipps, Andrew Bell	2935 E. 29th, Kansas City
Pierce, David Austin	Moberly
Power, Byron Aubrey	Laclede
Power, Coe	Liberty
*Rainwater, Harrison Spurgeon	1807 Flora, Kansas City
Ramage, Richard Grant	Central City, Nebr.
*Raney, J. Lester,	15 S. Sherman, Denver, Colorado
Rychel, E. Joseph, jr.	3527 Kenwood, Kansas City
Short, Howard Oliver	Courtney
Smart, Grace Aileen	Liberty
Sproul, John William	Carrollton
Stogdale, Eugenia Belle	Liberty
Stuckey, Glenn LaVerne	Platte City
*Sturges, Paul L.	Carrollton
Suguitan, Sofronio Orpilla	114 Rizal, Alcala, P. I.
Swaney, Oliver Hamilton	Smithville
Sympton, Kathryn	Falls City, Nebr.
Thomas, Mary Belle	Braymer
Thomas, Olive Elizabethe	Braymer
Toalson, Wilmont	Clark
Wadley, Helen Jean	Braymer
*Walker, Elmer Garcia	Bernie
Walker, Mary Susan	Princeton
Walker, Lucy Mildred	Princeton

White, Mahlon Neill Warsaw
 Wightman, Nell Stone 327 Market, Riverside, Calif.

Honorary Degrees: Doctor of Divinity, Soren, Francisco F., Rio
 de Janeiro, Brazil, and Wiatt, Walter E., Insein, Burma.

The following students have completed their work within the
 time limit fixed by the Faculty and have received the degree of
 Bachelor of Arts "As of the Class of 1928," except where otherwise in-
 dicated:

Blain, Marshall Hall Liberty
 Brattstrom, Baker (As of the Class of 1929) Lathrop
 Brouillette, Carl Victor Liberty
 Connelley, Victor (As of the Class of 1929) Liberty
 Daniel, Charles Clagett, jr. 424 W. 62nd Terr., Kansas City
 Hedges, William Fulton Liberty
 King, Charles Leonard Moberly
 LaFrenz, Vern D., (As of the Class of 1929) Wyaconda
 McHugh, Earl C. 4310 Charlotte, Kansas City
 Noyes, Herman L. (As of the Class of 1922) Marlboro, Mass.
 Rich, Austin 2703 Walnut, St. Joseph

The following student has completed his work in a graduate
 school for the A. B. degree according to a special ruling of the faculty:

Duffy, Oliver Franklin 532 Pleasant View, Trenton
 Medical School of St. Louis University. Class of 1929.

Students Enrolled in William Jewell College, 1929-1930

SENIORS

Alford, Verna Mae.....	1224	Hebert, St. Louis
Bittick, Ralph.....	1814	Empire, Joplin
Bridges, Vernon Victor.....		Carthage
Brooks, Fred Norton.....	727	W. Vine, Carthage
*Brumley, Howard J.....	329	Line, Decatur, Indiana
Campbell, Robert Wallace.....	430	N. Jefferson, Marshall
Carmichael, Beverly Hamilton.....	417	S. 5th, Odessa
Clark, Mary Rothwell.....	229	Lincoln, Liberty
*Coldren, Raymond.....		Spring Ave., Liberty
*Correll, Nathan Russell.....		Brookfield
Cox, Ella Frances.....		Liberty
Cox, Julia Mae.....		Pittsburg, Illinois
Davis, Isla Dorothy.....		Clarksdale
Davis, Marlin Otho.....		Dearborn
*Day, Alfred Sylvester.....		LaGrange
Dossey, Reta Odessa.....		Cairo
Early, Helen Cairns.....	334	Morse, Liberty
*Fuhr, Arthur Henry.....	309	Broadway, Excelsior Springs
Gardner, Ethel Belle.....	716	St. Louis, Excelsior Springs
Gillett, Bessie.....	226	Morse, Liberty
Hamm, Guy Magers, jr.....	107	Ward Parkway, Kansas City
*Hardgrove, Cleve G.....		La Plata
*Hicklin, Paul.....		Hume
*Holtz, Muriel Josepha.....		Gillette, Wyoming
Hon, Howard C.....		Ferrelview
Hoover, C. Lester.....	64	Brown, Liberty
Hudson, James Everette.....		Bates City
*Huff, Homer S.....		Liberty
Hutcheson, Charles Gregory.....		Chatham Hotel, Kansas City
*Jennings, Edith Roberta.....	1219	N. 9th, St. Joseph
Jordan, Lehman Ray.....	129	S. Leonard, Liberty
*Kendall, William Frederick.....		Guston, Kentucky
*Kruse, Melvin Hursel.....		Kearney
*Lamkin, Thomas Walter.....		Ekron, Ky.
*Long, Laneita Ruth.....	620	Mill, Liberty
McPherson, Robert Henry.....		Greenwood
Millen, Mary Ruth.....	337	W. Kansas, Liberty
Nowell, John Addison.....		El Dorado Springs
Owsley, William Logan, jr.....		Palmyra

*Page, Elmer.....	508 E. Daniels, Albany
*Parker, George Gerald.....	319 N. Taylor, Pleasant Hill
Parkhurst, Wendell Woods.....	Laredo
*Patterson, John	216 S. Lincoln, Liberty
Pew, John Brooks, jr.....	7334 Summit, Kansas City
Pitton, Hortense Martha.....	Lexington
*Rains, John Edward.....	Buffalo
Richardson, Harry A.....	108 Cherokee, Lexington, Ky.
Ryan, Horton Drake.....	117 Helfenstein Place, St. Louis
*Sanders, Eulah Delilah.....	Y. W. C. A., St. Joseph
*Sanders, Perry O.....	1117 S. 4th, Moberly
Scott, James William.....	Weston
Sevier, Robert Field.....	304 S. Leonard, Liberty
Shaver, Marian Alice.....	455 E. Kansas, Liberty
*Souter, Lex King.....	609 E. 8th St., Trenton
Stonum, Leta May.....	Lawson
Stonum, Mary Elizabeth.....	Lawson
Stuart, Mary Emily.....	120 Terrace, Liberty
Tandy, Dorothy.....	10 St. Louis Ave., Fulton
Tarrants, Blanche Velma.....	Liberty
Tompson, Gilbert Ware.....	Thompson
Turner, S. D.....	Morse Ave., Liberty
Turner, Solomon Leonard.....	Corbin, Ky.
Tuttle, Norris Hall.....	Slater
Van Meter, Richard Kenneth.....	Corder
Walker, Ralph Rand.....	Lathrop
*Wayman, Mesheck Boman.....	713 Doniphan, Liberty
Wheeler, John Henry.....	3927 Warwick, Kansas City
Wilson, Jack.....	Liberty
*Wood, Ross Miller.....	Darlington

21 women, 48 men

JUNIORS

Albright, Charles Benton.....	N. Lightburne, Liberty
*Bailey, J. Sam.....	225 S. Park, Casper, Wyoming
*Bailey, Mary Francina.....	225 S. Park, Casper, Wyoming
Bayless, Dean Albert.....	764 Josephine, Denver, Colo.
Beck, Harold Boyd.....	Smithville
Blythe, Samson Joseph.....	Cherokee, N. C.
Boswell, Howard Nelson.....	Brown St., Liberty
Buckler, Melvin Turner.....	Weston

Bywaters, Louis Madison	Camden Point
Callaway, Paul Smith	Ellsberry
Chapman, William Clifton	Norborne
Clark, Jasper Arnold	3824 Euclid, Kansas City
Clutter, James Franklin	Liberty
*Cobe, Albert William	Lac du Flambeau, Wisconsin
*Cochran, Wade Lee	Morley
*Crisman, Leo Taylor	624 School, Jefferson City
Cross, John Lowry	Clifton Hill
Crowe, J. Marvin	905 S. 15th., Herrin, Ill.
Davis, Charles Braxton, Jr.	Nevada
Davis, Kenneth Searle	Liberty
Davis, Marthabelle	817 W. 71st St. Terrace, Kansas City
Day, Julia Lucille	132 N. Lightburne, Liberty
Dennis, Willard Guy	Clifton Hill
*Diman, William Alfred	1230 E. 75th St., Chicago, Ill.
Donnell, William Paul	Granada Apts., Pueblo, Colorado
Donovan, Margaret Ruth	Dixie Manor, Liberty
Dow, Elizabeth Nason	615 W. Kansas, Liberty
Driver, William Aaron	Viola, Kansas
Duncan, Helen Katherine	Liberty
Dunphy, Thomas James	421 Fall, Carthage
Ebersole, Orvace Dudley	New Hampton
Elston, Frank Brown	210 N. Taylor, Kirkwood
Ficklin, June Wright	136 Wildwood, Excelsior Springs
*Forderhase, Earl August	Higginsville
Freeman, Lewis Reynolds	Thayer
Gallemore, Walter Melvin	Forest Ave., Lexington
Glenn, Elizabeth Ray	346 N. Van Brunt, Kansas City
Halferty, Mildred Irene	Gower
Hallar, Edgar V.	5929 Brookside, Kansas City
Hart, (Mrs.) Gladys Lee	Grubville
*Heaton, James Franklin	811 Market, Holden
Hill, James Madison, jr.	320 Carpenter, Moberly
Hoffman, Charles Payne	Moberly
Kay, Strother	Liberty
*Leininger, Louis Lee	2810 Harrison, Kansas City
Ligon, Joe Leonard	304 N. Water, Liberty
*Lindsay, Frances	McFall
McWilliams, M. Clovis	2321 Lovers Lane, St. Joseph
Marriott, Walter Elmer	1010 W. Rollins, Moberly

Martin, Kenneth Edwin.....	Allendale
Mayfield, Frank Morgan.....	Lexington
*Monroe, George Calvin, jr.....	Harrisonville
Moore, Irene.....	Liberty
Morrison, Nora Myrl.....	604 N. Jeffries, Mexico
*Morse, Frederick Eugene.....	225 Vine St., Waterloo, Iowa
Nelson, Esther Ersley.....	3917 College, Kansas City
*Nichols, D. Ralph.....	Syracuse
Parker, Jane Rozeltha.....	Smithville
Payne, Houstin.....	Liberty
Pennington, Clarence C.....	Bosworth
Petty, Fred Sinclair.....	Liberty
*Rae, William Douglas.....	2541 Amboy Rd., Staten I., New York City
Randel, Loran Glen.....	Doniphan
*Reft, Herman Julius.....	Karluk, Alaska
Richardson, Mrs. Harry.....	N. Water, Liberty
*Roark, William Byron.....	Anderson
*Roland, Samuel Ralph.....	Independence
Romigh, Louis William.....	Slater
Rude, Robert M.....	2412 Broadway, Great Bend, Kansas
*Sengpiehl, Arthur Paul.....	228 Lincoln, Liberty
Sharp, Virginia Dee.....	207 S. 6th, Lamar, Colorado
Shelton, Stella Maisie.....	102 Doniphan, Liberty
Shoemaker, Mary Ann.....	337 W. Maple, Slater
Short, Verlia Mae.....	Courtney
Spradley, Everette Wesley.....	427 Blackstone, Slater
Spurgeon, Vivian.....	Red Bird
Spurlock, George Christian.....	Liberty
Symonds, Raymond Morris.....	1106 W. 13th, Pueblo, Colorado
Thomas, Frances Lee.....	Braymer
Thomason, Paul Fischer.....	Liberty
*Utz, Irbie Belle.....	Valley Falls, Kansas
Van Trump, Joseph Hoffley.....	202 S. Leonard, Liberty
Wallace, George Augustus.....	120 N. Jeffries, Pleasant Hill
*Watkins, Kermit Christopher.....	Fort Collins, Colorado
Webdell, Richard Everette.....	Higginsville
Weber, Frank.....	624 E. McCarty, Jefferson City
Williams, Twila Wood.....	Lucerne
*Winchell, Lulu Mae.....	1117 Branch, St. Louis

SOPHOMORES

Albright, Ray Donald.....	Liberty
Allen, Hanna Hildred.....	516 E. Mill, Liberty
Allen, Roy B.....	Rothville
Archer, Margaret Belle.....	400 E. Franklin, Liberty
Arnold, Avery Davis.....	Liberty
*Bailey, Elsie Elizabeth.....	225 South Park, Casper, Wyoming
Barr, Raymond U.....	302 S. Elmwood, Kansas City
*Berquist, Millard John.....	504 E. Kansas, Liberty
Bidewell, George Ivan.....	Marble Hill
Billings, Heywood Sherman.....	20 Crystal Ave., Crystal City
Boettge, Arthur Dixon.....	Liberty
Boettge, Virginia Helene.....	Liberty
Brouillette, Nelson Parker.....	628 N. Missouri, Liberty
Brown, Roy Franklin.....	224 W. Maple, Independence
Bruner, Wilbur.....	Liberty
Bush, Don.....	Liberty
Carlson, Winfield Emil.....	4312 Hyde Park, Kansas City
Carmichael, James William.....	317 S. 5th, Odessa
Carter, Newton Hanley.....	710 Sloan, Crawfordsville, Indiana
Childers, Retha Avanelle.....	Albany
*Clemons, Leslie Lee.....	Elvins
Clevenger, Mary Etta.....	Mosby
*Closser, Charles Ervin.....	2430 Norton, Kansas City
Combs, Maurice Wendell.....	3017 Miama, St. Louis
*Congdon, Frank Gerald.....	Gebo, Wyoming
Connelley, Zelda Pauline.....	East Kansas, Liberty
Conway, James Scott.....	315 S. Oak, Monroe City
*Coons, Elmer Thomas.....	Malden
Corn, Max.....	Pawnee City, Nebraska
Craig, Homer D.....	Paris
Croy, Treva Darling.....	510 W. 11th St., Kansas City
Cummings, Howard.....	Washington, Kansas
Cuthbertson, George Raymond.....	East Mill, Liberty
Davis, Fred Henry.....	Fortescue
Day, Louis K.....	Liberty
*Demmel, Clyde Kenyon.....	518 Rhey, Waterloo, Iowa
Develing, Frances Nadine.....	North Kansas City
Englund, Elsie Eleanor.....	400 S. Monroe, Kansas City
Estes, Emma Elizabeth.....	Mountain Grove

Fisher, William Frederick.....	306 E. Carter, Marshall
Fleming, Lawrence Martin.....	733 W. Rollins, Moberly
Forbis, Homer Lewis, Jr.....	Albany
Goodloe, Muriel Belle.....	5642 Locust, Kansas City
*Hamilton, Raymond Forest.....	561 Tyler, Gary, Indiana
Hatcher, Doris Virginia.....	226 Jewell, Liberty
*Hatcher, Merrill Monroe.....	Auxvasse
Hedberg, Ben Hollenback.....	503 E. Park, Olathe, Kansas
Henry, James Riley.....	Fortescue
Henry, Lucille Emily.....	Amity
Herman, Kenneth L.....	4134 Botanical, St. Louis
Hickman, Fred Brown.....	421 Walnut, Carthage
*Hobbs, Everett Elie.....	Liberty
*Hollis, Harvey Wright.....	911 N. Walnut, Oklahoma City, Oklahoma
Hughes, Alois.....	Liberty
Hulse, Frances Kathryn.....	Smithville
Humphrey, Esther Marie.....	East Leavenworth
Hunt, Evelyn Lois.....	620 N. Missouri, Liberty
Hutcherson, Curtis Alvin.....	405 E. Mill, Liberty
Jones, Mary Alberta.....	Dawn
Jordan, Lendell Thomas.....	129 S. Leonard, Liberty
Jordan, Lowell Everett.....	129 S. Leonard, Liberty
Keele, Beatrice.....	Butler
Kincaid, Arthur Roy.....	Liberty
Kitt, Elliott.....	100 Elmdale Rd., Chillicothe
Krinn, Helen Wilson.....	414 W. Mill, Butler
Kruger, Kermit William.....	525 Cleveland, Monett
*Lewis, Elmer Paul.....	6013 King Hill Ave., St. Joseph
London, Alma Lee.....	108 B St. S. W., Miami, Oklahoma
*Longfellow, Roy Carl.....	Bedford, Iowa
Lovell, Cornelia.....	603 E. Kansas, Liberty
McLain, Johnston Knott.....	Excelsior Springs
Maddox, Florence Mildred.....	112 S. Havana, Butler
Marriott, Floyd D. D.....	Chinkiang, China
Mason, Frances Maitland.....	1303 S. Jefferson, Mexico
Maul, Chester.....	303 N. Chelsea, Kansas City
Merrifield, Vivian Narcissus.....	605 E. Mississippi, Liberty
Mingo, Joseph Judson.....	1420 Frankfort, Muskogee, Oklahoma
Moberly, William Eugene.....	Liberty
*Moore, Hassel Guy.....	DuQuoin, Illinois
Moore, Thelma Elizabeth.....	Doniphan

Morrow, Elman Archie.....	R. No. 2, Independence
Nebgen, John.....	Oak Grove
Painter, Marvin Ray.....	N. Main, Monroe City
Pine, Martha Brunk.....	Liberty
Pixlee, James Edwin.....	612 Arthur, Liberty
*Quisenberry, Martha Carolyn.....	616 W. 63rd, Kansas City
Roark, William Oscar.....	Tipton
Schooley, J. Calvin.....	Odessa
*Selves, Henry Arthur.....	217 N. Lightburne, Liberty
Silvius, Aden Beatty.....	Turney
*Simkins, Lee J.....	Ludlow
Singleton, Charles Howard.....	Gower
Souter, Lockie Lee.....	609 E. 8th St., Trenton
Sskwor, Elsie Beryl.....	9138 Skelly, Overland
Stephens, J. D.....	Cowgill
Straub, Charles Ellwood.....	109 Scott, Brunswick
Summers, Walter Bruce.....	Palmyra
Summers, Carl Leslie.....	105 Myrtle, Monett
Swenson, Orvar.....	108 N. Park, Independence
Terrill, Maxine.....	422 Dunbar, Excelsior Springs
Tracy, Dean Calvin.....	Laredo
Wallace, Hugh Andrew.....	Pleasant Hill
*Whaley, Charles Albert.....	1104 E. 33rd St., Kansas City
*Whaley, Nellie E.....	1104 E. 33rd St., Kansas City
*Whitwer, Amel William.....	Tilden, Nebraska
*Wood, George Horace.....	44 Brancroft Ave., Staten I., New York City
Woodson, Samuel Meade, jr.....	Liberty
Wymore, Carl Frank.....	Wymore Apts., Jefferson City

33 Women, 75 Men

FRESHMEN

Adams, Millicent Rue.....	509 E. Missouri, Liberty
Allen, Jennie June.....	516 E. Mill, Liberty
Allen, Robert Ellis.....	Powersville
Allen, William Bayne.....	3734 Gillham, Kansas City
Alspaugh, Glen.....	Liberty
Anderson, Edmund T.....	Battle Creek, Iowa
Archer, Mary Louise.....	400 E. Franklin, Liberty
Auld, Jesse Myron, jr.....	5225 Wilburn Court, Kansas City
*Baker, William Thomas.....	4122 DeTonty, St. Louis
Barker, Eldon.....	3701 Roberts, Kansas City

*Bates, Donald James	3336 Olive, Kansas City
Bell, Gertrude Wood	Liberty
Berberabe, Pedro M.	16 D. Silang, Batangas, Philippine Islands
Blythe, John Daniel	407 Frank, Clinton
Bollinger, Harold Morgan	742 Magnolia, Excelsior Springs
Bower, H. Virgil	111 S. Glenwood, Springfield, Illinois
Bowman, George Layton	400 Myrtle, Monett
Boyd, Clarence Milton	Joes, Colorado
Brammer, Sarah Margaret	502 Deleware, Butler
Bronson, Guinn William	1219 W. Walnut, Independence
*Buck, Dorothy Belle	131 S. Maple, Excelsior Springs
*Cantwell, Harriet Clifton	1913 E. 33rd, Kansas City
*Carmean, Bertha Mae	Blackburn
Casteel, Rolla William	Camden
Chambers, Lewis Reynolds	Bethany
Chenoweth, Bernice Geneva	Wheaton
Clark, Ben Chase	229 Lincoln, Liberty
*Corl, Paul Eugene	705 Frisco, Monett
*Corse, John, jr.	Wellington
Cowherd, Ray Gibson	4004 Park, Kansas City
*Crouch, A. J.	Liberty
*Crouch, William R.	Liberty
*Crumbaugh, Harry Edwin	Gilliam
*Cummins, Cleo Marian	505 Wilson, Liberty
Darnell, Thomas F. B.	40 S. Jewell, Liberty
*Davis, Betty Jo	Liberty
Dennis, James Noel	Clifton Hill
*Dodge, Norma Angelene	214 Lake, Shenandoah, Iowa
*Dods, John Chester	3514 Windsor, Kansas City
Douglas, Paul Lowell	601 N. Gallatin, Liberty
Eby, Mary Lois	4117 Olive, Kansas City
Ellis, Martha Jane	Monett
Ennis, Helen Elizabeth	5904 Central, Kansas City
Fehrman, Mary Elizabeth	Lee's Summit
Gottman, William Edward	Monroe City
Green, Harry F.	Pierce City
*Gunderson, Karl Vessey	Tekamah, Nebr.
Hackler, Charles	4210 Wabash, Kansas City
Hadley, Kenneth Carlisle	107 Ward Parkway, Kansas City
Hall, Charles Wilbur	124 Terrace, Liberty
Hall, Melvin Edwin	702 N. Union, Independence

Hall, Robert David.....	Excelsior Springs
Halley, Samuel Hutton.....	Camden Point
Hamm, Virgil Lee.....	922 S. Washington, Independence
Hancks, Frank.....	4325 Mersington, Kansas City
Harris, James Woodress.....	Holt
Hart, Benjamin Leslie.....	3660 Campbell, Kansas City
Hawthorne, Catherine E.....	Braddyville, Iowa
Hayes, Carlton Webb.....	305 Franklin, Liberty
Heiderstadt, Kathleen Bernice.....	1609 W. Walnut, Independence
Hilton, Wallace Atwood.....	Hardin
Hoare, George Nofe.....	Liberty
Hopkins, Gerret DeWitt.....	Golden City
Hungate, Harold Glenn.....	1009 W. Main, Crawfordsville, Indiana
Hurlbut, Alice Maurine.....	16 S. Morse, Liberty
*Iberg, Ferne Vera.....	2808 Campbell, Kansas City
Ingram, Edwin Bookey.....	1824 Norton, Independence
Jansen, Whitney Claire.....	468 S. Indiana, Kankakee, Illinois
Jenkins, Cooper.....	2826 Woodland, Kansas City
*Jones, Glenn W.....	606 S. St., Harrisonville
Keirse, Lofton, jr.....	1123 W. Waldo, Independence
Keith, Forist Richard.....	220 N. 8th St., Canon City, Colorado
*Kittrell, Robert Franklin.....	214 E. 10th, Waterloo, Iowa
Kolle, Ann Elizabeth.....	Buckner
Lafite, Marthe.....	Liberty
Lancaster, Sarah.....	Chivington, Colorado
Lemons, Leland Carol.....	Cherokee, Oklahoma
Lewis, Inez Rebecca.....	Maywood
Lusk, Lena May.....	Highland, Kansas
McGill, Ralph Barnett.....	Smithville
Maddox, Frances Lou.....	Blackburn
Magre, Harvey John.....	Crystal Heights, Crystal City
Majors, Frederick Louis.....	Pierce City
Martin, Madge Lonexa.....	Allendale
Martin, Paul S.....	Knob Noster
Meier, L. W., jr.....	Slater
Mettee, Leonard R.....	Lenexa, Kansas
Middleton, Lilly Florence.....	Liberty
*Milam, Don James.....	1419 W. Newton, Tulsa, Oklahoma
Millen, James Franklin.....	337 W. Kansas, Liberty
Moberly, Robert Allen.....	Kearney
Mohler, S. B., jr.....	Braymer

Morrison, Grace.....	604 N. Jeffries, Mexico
Nelson, Gerald.....	309 Broadway, Excelsior Springs
Nelson, Laura Ellen.....	Independence
Nelson, Lewis Senert.....	111 Market, Harlan, Iowa
Norton, Ruby Mae.....	Spickard
*Oldfield, Clarence Leroy.....	1018 Pioneer Ave., Turlock, Calif.
Ormsby, Florence Helen.....	211 S. Jewell, Liberty
Palmer, Robert Frederick.....	Jonesburg
Parker, Robert Harvey.....	3518 E. 26th, Kansas City
Paulson, William Ernest.....	Orrick
Payne, Zena Elizabeth.....	Liberty
Peace, Joan.....	Liberty
Peebles, Harvey Standford.....	9 Chestnut, Crystal City
Phillips, Jean L.....	Yukon, Oklahoma
Pigg, Elmer Leon, jr.....	104 Fairview, Liberty
*Pinto, Jose de Mirando.....	Rio de Janeiro, Brazil
Pitney, Mary Elizabeth.....	Polo
Poloson, Nicholas Long.....	3313 Michigan Ave., East Chicago, Indiana
Potter, Ruth Elizabeth.....	131 N. Leonard, Liberty
Preston, Robert P.....	116 N. Gallatin, Liberty
Quarles, Thelma Jane.....	618 E. Doniphan, Liberty
Ragsdale, Dennis McCoy.....	508 Bond, Monett
Redman, Charles C., jr.....	401 St. Francis, Kennett
Reynolds, Raymond Vern.....	Bailey Road, Crystal City
Robb, Margaret Ellen.....	462 E. Franklin, Liberty
Rulon, Russell.....	321 Washington, Shenandoah, Iowa
Sample, Elmer Campbell.....	Greenwood
Sanger, Edwin Bradfield.....	Yukon, Oklahoma
Scott, Lloyd Moore.....	Weston
Sears, Walter Ennis.....	Palmyra
Sharp, William Edward, jr.....	207 S. 6th, Lamar, Colorado.
Siegel, Albert Thomson.....	2622 Olive, Kansas City
*Smith, John Leonard.....	4245 Lindell, St. Louis
Smith, Karl Eugene.....	Liberty
Still, Charles Cornelius.....	3326 Askew, Kansas City
Tabler, James Roland.....	Hardin
Tanner, Aurelia May.....	508 N. College, Richmond
Thomas, Robert.....	Hardin
Thompson, Eva Helen.....	Jamesport
Vassmer, Mabel.....	Excelsior Springs
Wainscott, Richard James.....	403 W. 59th, Kansas City

Watson, William Alonzo..... 617 Rudd Ave., Canon City, Colorado
 Webb, Walter.....Oak Grove
 Weeks, Robert Wiley.....31 W. Concord, Kansas City
 Westbrook, Cornelius Albert..... 11t S. 6th, Poplar Bluff
 Whitton, Raymond Edward.....1437 E. 11th, Oklahoma City, Okla.
 Woolfolk, Charles Walter, jr..... 215 S. Jewell, Liberty
 41 Women, 98 Men

UNCLASSIFIED

Berquist, Gladys Elizabeth.....504 E. Kansas, Liberty
 Burton, Eleanor.....E. Franklin, Liberty
 Cochran, Theodore.....Liberty
 *Hardgrove, Ruby Helen.....La Plata
 Howd, Martha W.....N. Water, Liberty
 4 Women, 1 Man

The following students were enrolled in William Jewell College
 after the printing of the catalogue during the year 1928-1929

FRESHMEN

Dods, Chester.....3514 Windsor, Kansas City
 Elston, George H.....108 N. Lawn, Kansas City
 Hilton, Robert E.....Culver City, California
 Hutcherson, Carl.....Liberty

SOPHOMORES

Crismon, Ruth.....Meta
 Dail, Norvell W.....Chillicothe
 Donovan, Margaret.....Liberty
 Thomason, Virginia.....Kearney

JUNIOR

Clark, Jasper A.....3824 Euclid, Kansas City

SUMMER SCHOOL 1929

Albright, Charles BentonLiberty
 Atwater, Cora EugeniaLiberty
 Bailey, Hester MarionLaclede
 Bandy, Virginia RoseLiberty
 Barrington, Gordon B.Liberty
 Beamer, George CharlesLiberty

Beck, Harold Boyd,	Smithville
Benson, Lois Almy,	Mission, Texas
Boettge, Virginia Helene,	Liberty
Borchering, Ella S.,	Liberty
Bowles, Mildred Elma,	Palmyra
Brattstrom, Baker,	Lathrop
Britt, Elmer Thomas,	Smithville
Bushnell, Doris Elizabeth,	Brookfield
Campbell, Jane Ruth,	Liberty
Cartmill, Lola M.,	Trimble
Clark, Mary Rothwell,	Liberty
Coldren, Frances L.,	Liberty
Coldren, Raymond,	Liberty
Combs, Maurice Wendell,	3017 Miami, St. Louis
Connelley, Leuthel May,	Liberty
Connelley, Zelda Pauline,	Liberty
Conley, Ellen Shea,	Liberty
Cooper, Alice,	3002 Mitchell, St. Joseph
Cox, Ella Frances,	Liberty
Cox, Julia Mae,	Pittsburg, Illinois
Crismon, Ruth,	Meta
Crowe, J. Marvin,	Herrin, Illinois
Cunningham, Ella Frances,	Hardin
Davis, Betty Jo,	Liberty
Davis, Charles B. II,	Liberty
Davis, Isla Dorothy,	Clarksdale
Day, Alfred Sylvester,	Liberty
Day, Julia Lucille,	Liberty
Denham, Nicholas F.,	11633 E. 15th, Independence
Dennis, Willard Guy,	Clifton Hill
Dick, Mallie,	Edgerton
Dickinson, John S.,	Excelsior Springs
Dow, Mrs. C. R.,	Liberty
Dow, Elizabeth Nason,	Liberty
Dye, Margaret Louise,	Liberty
Dyer, Lora M.,	Stella
Everett, DaMaris,	Liberty
Fugitt, Eulah Faye,	Holt
Gardner, Ethel Belle,	Excelsior Springs
Gill, Ruth,	Liberty
Gillett, Bessie,	Liberty

Gilmer, Minnie Irving,	Liberty
Grobe, Naomi Edith,	Marion, Illinois
Groom, Meredith,	Liberty
Hale, Hugh Edward,	1020 W. 63rd, Kansas City
Hall, Charles Wilbur,	Liberty
Hankins, Harold,	Rayville
Hays, Ruth,	1202 E. Main, West Frankfort, Illinois
Heaton, James Franklin,	Holden
Henderson, Anne,	201 E. 9th, Fulton
Hill, Froncie,	Liberty
Hoffman, Charles Payne,	Moberly
Hon, Myra,	Liberty
Hopper, Helen Louise,	Clarence
Houx, Rena Belle,	Lexington
Howd, Mrs. Cloice R.,	Liberty
Hudlemeyer, James Thomas,	Nashua
Huff, Mary Lee,	15 N. Jefferson, Carrollton
Hughes, Alois,	Liberty
Johns, Earl F.,	St. Louis
Jones, Dorothy Lorraine,	Laclede
Jones, Mildred Kathryn,	Laclede
Keller, J. Oliver,	Liberty
Kincaid, Gladys Lucille,	908 N. 2nd, Clinton
Kinell, Martha Jeannette,	Monett
Kranz, Louisa,	Liberty
LaFrenz, Vern Daniel,	Wyaconda
Lancaster, Sarah,	Chivington, Colorado
Ligon, Joe Leonard,	Liberty
Lindsay, Frances,	McFall
Long, Laneita Ruth,	Liberty
Lovell, Cornelia,	Liberty
Lowmiller, Dorothy Pearl,	Platte City
Lusk, Lena May,	Highland, Kansas
Lyon, Evelyn,	405 S. 3rd, Clinton
McClary, Oneta,	Smithville
McClaskey, Martha Yates,	Gallatin
McCollum, Esther Louise,	4021 Harrison, Kansas City
McComas, Virginia Gail,	Liberty
McKnight, James Wm.,	1214 Hill, Hannibal
Manlove, Mary Elizabeth,	Mendon
Manlove, Martha Frances,	Mendon

Martin, Clarence Earle,.....	Liberty
Merrifield, Vivian N.,.....	Liberty
Millen, Mary Ruth,.....	Liberty
Montgomery, Cyrus J.,.....	Excelsior Springs
Moore, Hassel Guy,.....	DuQuoin, Illinois
Moore, Irene,.....	Liberty
Musgrave, David Edward,.....	Excelsior Springs
Newman, Goldie C.,.....	Trimble
Norton, Ruby Mae,.....	Spickard
Nowell, John A.,.....	El Dorado Springs
Parkhurst, Wendell Woods,.....	Laredo
Payne, Weslie,.....	Liberty
Payne, Zena Elizabeth,.....	Liberty
Penny, Mary,.....	Braymer
Pfeisterer, Marie,.....	Liberty
Phillips, Margaret Lulu,.....	Liberty
Phipps, Andrew Bell,.....	2935 E. 29th, Kansas City
Potter, Ruth Elizabeth,.....	Liberty
Quick, Sallie L.,.....	Hardin
Raney, J. Lester,.....	115 S. Sherman, Denver, Colorado
Reft, Herman Julius,.....	Karluk, Alaska
Richardson, Mrs. Harry,.....	Liberty
Rothwell, Willard Stuck,.....	Liberty
Saddler, Hazel Marie,.....	Amsterdam
Saddler, Pauline,.....	Appleton City
Sanders, Perry Orr,.....	1117 4th, Moberly
Scott, Virgil K.,.....	1001 Locust, Columbia
Sells, Margaret Alice,.....	Savannah
Shaver, Marian Alice,.....	Liberty
Sims, Florence Evelyn,.....	Carrollton
Smith, Anna Margaret,.....	Butler
Smith, Howard Field,.....	LaBelle
Stonum, Leta May,.....	Lawson
Stuart, Mary Emily,.....	Liberty
Tarrants, Blanche Velma,.....	Liberty
Trower, Jesse Ralph,.....	Fort Collins, Colorado
Utsumiya, Kayo,.....	Basin, Wyoming
Vaughn, Agnes Lavinia,.....	Blue Springs
Walker, Ralph Rand,.....	Lathrop
Wilson, Jack,.....	Liberty
Wilson, Vida,.....	Liberty

Wood, Ross Miller,.....Darlington
Woodson, Samuel Meade, jr.,.....Liberty
Wright, Ruby Rebecca,.....Edgerton
Wymore, Carl F.,.....Wymore Apts., Jefferson City
86 Women, 47 Men

EXTENSION DEPARTMENT

Kansas City-Western Dental College

Under the Supervision of Allen J. Moon, Dean

FACULTY

ROY JAMES RINEHART, D. D. S., F. A. C. D., Dean
Professor of Crown and Bridge Work.

CLAIRE STEPHEN HANN, A. B., (Park College) A. M., (Michigan U.)
Professor of Comparative Dental Anatomy.

FORREST W. HUNTINGTON, A. B., A. M., (Kansas U.) D. D. S.
Professor of Chemistry, Metallurgy and Physics.

CLAUDE WILSON O'DELL, B. S., (S. T. C. Pittsburg, Kas.) D. D. S.
Laboratory Instructor in Dental Pathology.

CARL CHAPMAN, B. S., (C. Mo. S. T. C.)
Instructor in Psychology.

JAMES RODGERS HEFFERN, B. S., (N. E. Mo. S. T. C.)
Instructor in Biology.

AUSTIN CHANDLER ANDREWS, A. B., A. M., (Kansas U.)
Instructor in English.

Roll of Freshmen in Kansas City-Western Dental College

Anderson, David Charles..... Concordia, Kansas
Bach, Leonidas, P.....Kiefer, Oklahoma
Barth, Mortimer, L.....918 E. 88th St., Brooklyn, New York
Benton, James Victor.....522 W. 4th St., Eldorado, Kansas
Blair, Frank Parker.....Heavener, Oklahoma
Carr, Alfred N.....815 N. High, Neosho
Carrel, Powell Clayton.....Candle Addition, Springdale, Arkansas
Chaney, Jack.....1056 Laurel, Kansas City, Kansas
Chapman, Clifford M.....822 Poyntz Avenue, Manhattan, Kansas
Christopher, Santford.....10th & Chestnut, Rich Hill
Conklin, Everett E.....Caney, Kansas
Doll, Ronald C.....Box 52, Taiban, New Mexico
Early, Frank Stottenberg.....1613 West 3rd St., Dayton, Ohio
Edwards, Ralph Warren.....17 E. 65th St., Kansas City
Fries, Robert W.....3542 Bales, Kansas City

Gibson, Clifford Alexander	430 West Central Avenue, Carthage
Grabske, Paul Ray	3744 North Lamon, Chicago, Ill.
Grove, Kenneth Freeman	Paonia, Colorado
Guilliams, Calvin James	814 Troost Avenue, Kansas City
Haas, Bernard F.	411 Tootle Building, St. Joseph
Hauetter, Ralph T.	Parkville
Hawk, Frank	Wolford, North Dakota
Henry, Hugh Walter	R. F. D. 8, Clinton
Hodge, Vance	6032 Rockhill Road, Kansas City
Inman, Lorton F.	719 S. 8th St., Council Bluffs, Iowa
Lansden, Joe	Granite, Oklahoma
Masters, John H.	Council Grove, Kansas
McCarty, Jack	Haileyville, Oklahoma
Mead, Neal Newell	St. Joseph
Miller, Benjamin Roy	3454 Penn, Kansas City
Morrow, Melvin Holmes	235 5th Avenue, Leavenworth, Kansas
Nash, Isidor	466 Cherry Street, New York, N. Y.
Nelson, William Conrad	Marquette, Kansas
Okahata, James H.	Waialae Road, Honolulu, Territory of Hawaii
Ormiston, Glick A.	415 N. 31st St., Arkansas City, Kas.
Proal, Lewis Saunders	1208 S. Florence, Tulsa, Oklahoma
Quast, Edward C.	802 Barnes Avenue, Alva, Oklahoma
Raichart, Bert Irvin	337 Lathrop Bldg., Kansas City
Ratcliff, George J.	Dearborn
Reed, Byron Smith	Cherry Box
Reitz, Wilson A.	1144 Minnesota Ave., Kansas City, Kas.
Robb, George S.	Goddard, Kansas
Richardson, Fred H.	609 E. 54th St., Kansas City
Rookstool, Wendell Dale	724 Jenkins, Norman, Oklahoma
Scavuzzo, Carl Charles	3822 Bellfontaine, Kansas City
Schuman, Herman Ellsworth	R. F. D. 1, Eldorado Kansas
Shepard, Kenneth T.	Chickasha, Oklahoma
Shira, Robert Bruce	621 Shawnee, Dewey, Oklahoma
Siegelbaum, William	585 Bradford Street, Brooklyn, New York
Smith, S. John	913 Belle Avenue, Ft. Smith, Arkansas
Somers, Samuel Orlando	406 Cottonwood, Emporia, Kansas
Stageman, James	150 Park Avenue, Council Bluffs, Iowa
Stewart, Mavin Overton	Anderson
Stotts, William H.	4403 Montgall, Kansas City
Throgmorton, Hiram L.	Pocahontas, Arkansas
Turney, Forrest N.	McCune, Kansas

Tyler, DeWitt.....	4340 Highland, Kansas City
Vincent, Brunell W.....	1024 Van Buren, Topeka, Kansas
Watkins, Charles D.....	934 S. Broadway, Leavenworth, Kansas
West, Robert Kenneth.....	36 W. 58th St., Kansas City

SUMMARY OF COLLEGE STUDENTS

Seniors.....	69
Juniors.....	88
Sophomores.....	108
Freshmen.....	139
Unclassified.....	5
TOTAL.....	409
Summer School, 1929.....	133
Kansas City-Western Dental School.....	60
GRAND TOTAL.....	602

RESIDENCES

Alaska.....	1
Arkansas.....	3
Brazil.....	1
California.....	1
China.....	1
Colorado.....	11
Hawaii.....	1
Illinois.....	7
Indiana.....	5
Iowa.....	11
Kansas.....	23
Kentucky.....	4
Missouri.....	364
Nebraska.....	3
New Mexico.....	1
New York.....	5
North Carolina.....	1
North Dakota.....	1
Ohio.....	1
Oklahoma.....	17
Philippines.....	1
Wisconsin.....	1
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TOTAL.....	469

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