

BULLETIN OF WILLIAM JEWELL COLLEGE
(Founded 1849)
LIBERTY, MISSOURI

SERIES 19, MARCH 15, 1922, NUMBER 10

ANNOUNCEMENTS FOR THE YEAR
1922-1923

CATALOG EDITION

PUBLISHED MONTHLY BY THE COLLEGE

Entered April 2, 1909, at Liberty, Missouri, as Second-class Matter under Act of Congress of July 16, 1894. Acceptance for mailing to Special rate of postage provided for in Section 1103, act of October 3, 1918, authorized on July 2, 1918.

The Division of the School Year

The school year is divided into three terms as follows: Fall term from Thursday, Sept. 7, 1922 to Nov. 29, 1922. Winter term from Friday, Dec. 1, 1922 to Friday, March 9, 1923. Christmas holidays from Friday, Dec. 15, 4:30 p. m. to Tuesday, Jan. 2, 1923, 7:50 a. m. Spring term from Saturday, March 10 to Wednesday, May 30, 1923.

CALENDAR FOR 1922-'23

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

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

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

APPROVED

William Jewell is on the accepted list of colleges and universities approved by the Association of American Universities. Only one other small college in the state enjoys this distinction.

BULLETIN OF WILLIAM JEWELL COLLEGE
(Founded 1849)
LIBERTY, MISSOURI

SERIES 19, MARCH 15, 1922, NUMBER 10

ANNOUNCEMENTS FOR THE YEAR
1922-1923

CATALOG EDITION

PUBLISHED MONTHLY BY THE COLLEGE

Entered April 2, 1909, at Liberty, Missouri, as Second-class Matter under Act of Congress of July 16, 1894. Acceptance for mailing to Special rate of postage provided for in Section 1103, act of October 3, 1918
Authorized on July 2, 1918.

BOARD OF TRUSTEES OF WILLIAM JEWELL COLLEGE

J. P. Greene, Liberty.
 Charles Hyslop, Maryville.
 J. P. Graham, St. Louis.
 W. D. Johnson, Kansas City.
 W. H. Griffith, St. Joseph.
 John S. Major, Liberty, President.
 John T. Morris, Carrollton.
 W. M. Fitch, St. Louis.
 E. S. Pillsbury, St. Louis.
 Frank H. Trimble, Liberty.
 C. P. Storts, Slater.

S. J. Brown, Kansas City.
 F. P. Neal, Kansas City, Vice-Pres.
 J. C. James, Kansas City.
 A. T. Ray, Gallatin.
 C. B. Miller, Springfield.
 W. C. Harris, Fulton.
 C. M. Buckner, Marshall.
 Minetry Jones, St. Joseph.
 E. E. Amick, Kansas City.
 Hugh Wilhite, Excelsior Springs.

ADMINISTRATION

J. P. Greene, Acting President.
 Joe P. Jacobs, Treasurer and Financial Secretary.
 R. R. Fleet, Dean of Arts and Sciences.
 Ward Edwards, Librarian.

LOCATION

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

TO THE NEW STUDENT

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 President before coming to Liberty.

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

Young men can find excellent rooms in the dormitories and good board at the college dining hall.

CALENDAR FOR 1922-1923

FALL TERM opens Thursday, September 7, 1922.
 Classification, Thursday, Friday and Saturday, September 7, 8, 9.
 Class work begins Monday, September 11.
 Examinations, November 27, 28, 29.
 Fall term ends Wednesday, November 29, 1922.

WINTER TERM begins Friday, December 1, 1922.
 Classification, Friday, and Saturday, December 1, 2.
 Class work begins Monday, December 4.
 Christmas recess begins December 15, 4 p. m.
 Work resumed Tuesday, January 2, 1923, 7:50 a. m.

Examinations, Wednesday, Thursday and Friday, March 7, 8, 9.
Winter term ends Friday, March 9.

SPRING TERM begins Saturday, March 10.

Classification previous to Saturday, March 10, 5 p. m.

Class work begins Monday, March 12, 7:50 a. m.

Examinations, Monday, Tuesday and Wednesday, May 28, 29, 30.

Spring term ends Wednesday, May 30, 1923.

Commencement, Wednesday and Thursday, May 30, 31.

Meeting of Missouri Baptist Historical Society, Thursday, May 31.

STANDING COMMITTEES OF THE FACULTY

Athletics: Professors Davis and Bowles.

Catalog Bulletins: Professors Clark, Fruit, Parker and Fleet.

Chapel Attendance: Professor Coon and Assistant.

Chapel Exercises: Professors Smith and -----

Entrance Committee: Professor Baskett.

Faculty Advisors of Student Council: Professors Fruit and Weyand.

Fraternities: Professors Coon, Davis and MacKinney.

Religious Activities: Professor -----

Student Publications: Professors Coon and Harvey.

Committee on Recommendations and Curriculum: Professors Baskett, Parker and Fleet.

FACULTY

1922-1923

JOHN PRIEST GREENE, A. M., D. D., LL. D., Acting President and Professor of Practical Ethics.

JAMES GREGORY CLARK, LL. D., Emeritus Professor of Mathematics and Secretary of the Faculty.

RICHARD PRICE RIDER, A. M., Emeritus Professor of Latin.

HARRY GEORGE PARKER, Ph. D. (Harvard),

Head of the Department of Science and Professor of Chemistry.

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

Head of the Department of English and Professor of English Literature.

ROBERT RYLAND FLEET, Ph. D., (Heidelberg),

Professor of Mathematics and Dean of Arts and Sciences.

WILLIAM DENNY BASKETT, Ph. D., (Chicago),

Head of the Department of Modern Languages and Professor of French and German.

*WALTER OLIVER LEWIS, Ph. D., (Erlangen),

Professor of Biblical Literature and Religious Education.

RAYMOND HUNTINGTON COON, Ph. D., (Chicago),

Head of the Department of Classical Languages and Professor of Latin and Greek.

JOHN EUSTACE DAVIS, A. B., (William Jewell), Professor of Physics.

LORENZO DOW WEYAND, Ph. D., (Chicago), J. E. Franklin Professor of Social Science.

WARD EDWARDS, A. M., (William Jewell), Librarian and Professor of Modern English.

†LOREN CARY MACKINNEY, A. M., (Wisconsin), Professor of History and Political Science.

*J. D. IVES, A. M., (Wake Forest), Professor of Biology.

F. ERDMANN SMITH, A. M., L. L. D., (Oklahoma Baptist University), Professor of Education and Director of the High School.

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

P. CASPAR HARVEY, A. M., (William Jewell), Professor of English Composition.

ARTHUR GROVER BYRNS, A. M., (University of Kansas), Assistant Professor of Modern Languages.

HARRY E. COOPER, Mus. D., A. A. G. O., Professor of Music.

*MANFORD VAUGHN KERN, A. M., (Indiana University), Assistant Professor of Latin.

SEWELL EDWIN, SCOTT, A. M., (Yale), Assistant Professor of Chemistry.

GEORGE WHITE, A. B., (William Jewell), Instructor in Latin.

EVERETT GILL, Instructor in Graphics.

* Resigned.

† On leave of absence.

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. E. 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. This building was begun under the immediate superintendence of Dr. Jewell, who died in August, 1852, from the effects of exposure to the intense heat of that summer.

In 1853, the trustees resuming full control, called to the presidency Rev. R. S. Thomas, D. D., from a professorship in the State University at Columbia. This administration continued until the summer of 1855, when new financial troubles 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 interregnum the affairs of the College were administered by the Faculty, acting through a chairman. Professor William R. Rothwell was Chairman from 1873 to June 1883, and Professor James G. Clark from that date until June 1892.

The financial affairs of this period were in the hands of Lewis B. Ely of Carrollton, who had been a most ardent friend of the College; but previous to his election as financial agent in 1877, 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 trustees until his death in June 1897.

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

On January 1, 1920, Dr. Greene resigned his office as President and was succeeded by Dr. David Jones Evans, who for many years, had been Dean of Biblical Literature and Religious Education. Dr. Evans served until Septem-

ber 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.

BOARD AND ROOM

The cost of board and room in the various dormitories of the College will be found on page 7 of this bulletin. Dormitories are all modern. They have steam heat, electric lights, hot and cold water. Rooms are comfortably and neatly furnished with everything necessary except bed covers, sheets, pillow slips and towels.

Students are required to keep their own rooms clean and in order. Room rent and board are per term of approximately twelve weeks and payable in advance.

Each student rooming and boarding in the dormitories will be required to sign a "Student's Agreement" relative to the preservation of order and property.

ALLOTMENT OF ROOMS

Students occupying rooms in any of the dormitories may retain them for the coming year by making application prior to May 24th. Application for room reservations must be made in writing accompanied by a deposit of \$5.00, and the remainder of board and room rent must be paid on or before the first classification day of the next session; otherwise rooms will not be held and the deposit will be forfeited.

Board and room rent will not be refunded except in cases of protracted illness certified to by a physician, or for reasons that make it impossible for the student to remain in school.

Rooms assigned are for the term, and students will not be allowed to change from one room in the dormitories to another except for reasons approved by the management of the dormitory and the administration.

ROOMS NOT IN DORMITORIES

Students unable to room in the college dormitories will be allowed to room at places approved by the President. Each student is required to file his place of residence at the college office, and also to give notice of any change he proposes to make in his rooming or boarding place. A list of approved boarding and rooming places will be supplied the student, from which he must make his selection. Board and room may be had in the town at from \$6.00 to \$7.00 per week.

REGULAR FEES

Tuition, per term, payable in advance.....	\$30.00
Tuition, per term, for ministerial students and sons and daughters of ministers, payable in advance.....	\$20.00
Caution fee, payable in advance.....	\$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. This fee will be forfeited unless the Dean is notified previous to withdrawal

from college. Transcripts of grades will not be furnished to any student whose financial obligations to the College are in arrears.

Student activity fee, per term.....\$ 3.00

This fee will be apportioned as follows: *two dollars* for athletics and *one dollar* for *The Student* for the fall and winter terms, *two dollars* for *forensics* and *one dollar* for *athletics* in the spring term.

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 gift or credit that does not provide the actual cash.

FEES PER TERM IN SPECIAL SUBJECTS

Payable in advance

Laboratory fee in chemistry	\$ 5.00
Laboratory fee in physics	2.50
Fee in graphics	2.50
Laboratory fee in biology 21, 22, 23, 24, 26	2.50
Laboratory fee in biology 25, 27, 28, 29	5.00

ROOM RENT

Rooms in Ely Hall cost \$20.00 per term. Rooms in New Ely Hall, double rooms from \$15 to \$30 per term; single rooms from \$25 to \$40.

BOARD

New Ely Dining Hall has a seating capacity of 250 and is equipped with every modern device for preparing food in the best approved manner. The College has its own dairy herd of fifteen thorough-bred cows that are tested annually.

Board is per term of approximately 12 weeks, payable in advance, and costs \$50.00. Single meals will be charged for as follows: breakfast and lunch 35 cents; dinner 50 cents; arrangements must be made with the matron in advance.

ESTIMATED EXPENSES

of students boarding and rooming in the dormitories.

	Low	Medium	High
Board and room	\$195.00	\$225.00	\$270.00
Tuition and books	120.00	120.00	120.00
Incidentals	20.00	30.00	40.00
Total for the school year	\$335.00	\$375.00	\$430.00

CO-EDUCATION

Women are now admitted to William Jewell College upon the same terms as men. Wives of ministerial students and women preparing for missionary work are also admitted to the High School upon the same terms as men.

EXTRA FEE FOR LATE ENROLLMENT

Students must classify and pay their fees for each term before the time set to begin class work. For a failure to do this an extra fee of \$5.00 for those perviously enrolled and \$3.00 for new students will be imposed.

REGULATIONS AS TO FEES

Fees, room rent and board will not be refunded, except for protracted sickness, certified to by an attendant physician, and then only for so much time as the student was prevented thereby from attending to his college duties. In making refund, \$5.00 will be charged as matriculation fee.

REDUCED TUITION AND FINANCIAL AID

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, a license to preach or the formal approval of his church.

Various opportunities are open to students by which they can earn a part, if not all, of their expenses. The President has a small private fund that is also available for students when they are in temporary need.

A loan fund of \$3,000 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. It is desired that churches sending needy ministerial students to the College should either give them direct aid or provide for them through the College.

SOPHOMORE, JUNIOR AND SENIOR SCHOLARSHIPS

The CAMPBELL-SELLERS scholarships are awarded to the sophomore making the most satisfactory record in his freshman year at William Jewell College.

THE W. F. AND MARY ELLIOTT scholarships are awarded to the junior making the most satisfactory record as a sophomore.

THE CROUCH-GILLIAM scholarships are 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 the Student Activity fee.

THE MARSTON SCHOLARSHIP

The Marston Scholarship yields \$200 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., who was for three years, from 1873, Superintendent of State Missions for the General Association. Dr. Marston is remembered especially as contributing many valuable specimens to the College Museum.

PRIZES

THE WILLIAM M. FITCH PRIZE — William M. Fitch, '93, offers a \$15.00 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 and awarded annually as a

scholarship medal for excellency in the study of chemistry. At the discretion of the Trustees, and with the approval of the recipient, the sum of \$50.00 in gold coin may be awarded. The bequest is in affectionate remembrance of her husband, Frank B. Hearne, whose college education was obtained at William Jewell." This prize will in general be awarded to a member of the graduating class, but in exceptional circumstances may be given to a lower class man.

ORDER

Every student accepted for matriculation is required to sign a pledge to obey the rules and regulations of the College. Students are granted every privilege consistent with good morals and good scholarship, but the Faculty reserves the right of sending any student home whose habits are considered inconsistent with the ideals of the institution.

Leaving town on week days or nights and using this time for other purposes than the pursuit of school duties are marks of an undesirable student.

A student who fails to comply with these regulations, as well as with all others pertaining to honest work and moral living, may expect to be summoned before the Student Council, or the Faculty, or both, to account for his actions.

The Student Council, consisting of representatives from the various college classes, was organized for the purpose of discussing and recommending to the Faculty matters of interest to the College. This council gives valuable assistance in matters of discipline and in the promotion of popular government among the students.

CHAPEL

All students are required to attend chapel exercises, which are held daily, except Monday, at 11:30. This convocation is not only for the purpose of holding religious exercises, but also to hear public announcements and to cultivate college spirit and good fellowship.

CAMPUS AND BUILDINGS

CAMPUS

The College campus consists of about one hundred acres of wooded upland situated just within the northern and eastern corporation limits of the City of Liberty. Most of the buildings are located on "The Old Hill" of historic associations.

ATHLETIC FIELD

The athletic field is at the foot of the College Hill and contains twenty acres. There is an oval quarter-mile track enclosing the football gridiron, the baseball diamond and a two-hundred-and-twenty-yard straight-away cinder track wide enough for twelve runners abreast. Bleachers and the usual appointments of an athletic field are provided. There are a number of excellent tennis courts.

GYMNASIUM

The gymnasium is situated at the edge of the athletic field and contains standard basket-ball and hand-ball courts with a full complement of baths, lockers, squad room, etc., as well as other equipment.

JEWELL HALL

Jewell Hall is the oldest of the college buildings. It is a brick structure containing the recitation and lecture rooms of the classes in languages and literature.

MARSTON SCIENCE HALL

The science hall is located at the southern extremity of "The Hill" and contains the class rooms and laboratories of biology, chemistry and physics as well as some allied subjects. Most of the first and second floors are occupied by the department of chemistry. The third floor is given over to physics and the fourth floor contains the museum and the department of biology. The interior arrangements of this floor have not been completed but will be by the opening of the session of 1922-1923. The building is of modern, fireproof construction, and was erected at a cost of about \$115,000. It was 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.

THE LIBRARY

The library occupies a handsome modern library building, the gift of Mr. Andrew Carnegie and other friends of the College. It contains 32,154 volumes, classified according to the Dewey system and fully cataloged. The reference room is equipped with many of the latest and best works of reference. The reading room receives regularly 137 leading American and foreign periodicals besides 7 daily newspapers.

The Spurgeon Collection, consisting of over 7,000 volumes, was the private library of the late Rev. Charles Haddon Spurgeon.

A six hundred dollar collection of modern poetry and drama is now on the shelves, the gift of the class of Nineteen Twenty.

The archives of the Missouri Baptist Historical Society, of which Professor R. P. Rider is president, are in the library building and contain much valuable Baptist history, as does also the college library.

The library is open every week day from 7:30 a. m. to 6:00 p. m. except Saturday afternoon. No library fee is charged, students and faculty having free access to the books.

NEW ELY HALL

New Ely Hall is the main dormitory of the College and will accommodate 125 students. It is situated on the College Drive and overlooks the athletic field. It is of brick, four stories in height, fireproof and entirely modern. The dormitory is arranged on the unit plan, each small group of students being provided with private lavatories and baths. A large lobby with fireplaces is located centrally for the social life of the students. The lower floor contains the dining rooms and kitchen. The dining rooms will seat 350 persons. The kitchen is sanitary and modern and is complete in every respect.

OLD ELY HALL

Women's rest rooms and the cooperative book store occupy the first floor of this building. The second and third floors are used for dormitory purposes.

REQUIREMENTS FOR ENTRANCE AND GRADUATION

ENTRANCE

Graduates in the college entrance course of a first class high school are admitted to the freshman class without conditions. For others, fifteen units are required. These must include:

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

A unit of work is the standard unit of the high schools, approved by the Superintendent of Public Schools of Missouri. Any work done in an approved high school will be accepted for entrance, but not in greater quantity than is recommended by the department of education of the state. The amount of credit given for work done in non-approved high schools will be determined by the Dean.

A student deficient in not more than two units may enter college as a conditioned freshman, but these conditions must be removed before the end of his sophomore year. It is sometimes necessary for a student to make up deficient units in the college department, in which case 12 hours will count one unit. Examinations for college entrance will be permitted, but not later than two weeks after the student enters school.

Students not prepared to enter the freshman class may make up their conditions in the William Jewell High School, a separate organization, the bulletin of which will be mailed on request.

DEGREE

1. The College confers only the A. B. degree. *Honorary degrees are not given.*
2. The A. B. degree will be conferred upon students who have satisfied the entrance requirements and have completed 186 term hours of work in the manner hereafter prescribed.

PLAN OF MAJORS AND MINORS

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

- I. Latin, Greek, French, German and Spanish.
- II. Mathematics, physics, chemistry and biology.
- III. History and political science, the social sciences, philosophy, education, Biblical literature and religious education, and advanced English.

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

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

All students in the freshman and sophomore years are required to spend at least three hours per week in some form of athletic sport approved by the Faculty.

3. After completing the freshman work a student must choose one of the eleven majors and its three prescribed minors as shown in the table of majors and minors. 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.

PRE-PROFESSIONAL COURSES

Students preparing for professional schools should choose their college courses with care. The following groups of courses for the freshman and sophomore years are recommended. See bulletin on pre-professional courses.

PRE-MEDICAL COURSES

Freshman Year				Sophomore Year			
Chemistry,	15	term	hours	Chemistry,	15	term	hours
English,	12	"	"	For. Lang.,	12	"	"
For. Lang.,	12	"	"	Biology,	12	"	"
Biology,	12	"	"	Physics,	12	"	"
Phys. Edu.,	3	"	"	Phys. Edu.,	3	"	"

These courses have been submitted to a number of the best medical schools for criticism, all of which have given their full approval.

PRE-LEGAL COURSES

Freshman Year				Sophomore Year			
English,	12	term	hours	History,	12	term	hours
History,	12	"	"	Pol. Sci.,	12	"	"
Sci. or Math.,	12	"	"	For. Lang.,	12	"	"
For. Lang.,	12	"	"	English,	12	"	"
Phys. Edu.,	3	"	"	Phys. Edu.,	3	"	"

PRE-ENGINEERING COURSES

Freshman Year				Sophomore Year			
English,	12	term	hours	Math.,	15	term	hours
Math.,	15	"	"	Physics,	12	"	"
Chem.,	15	"	"	For. Lang.,	12	"	"
For. Lang.,	12	"	"	Graphics,	12	"	"
Phys. Edu.,	3	"	"	Phys. Edu.,	3	"	"

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

PRE-COMMERCE COURSES

Freshman Year				Sophomore Year			
English,	12	term	hours	English,	12	term	hours
Science,	12	"	"	Economics,	12	"	"
Math.,	15	"	"	Sci. or Math.,	15	"	"
Com. Geog.,	9	"	"	Psychol.,	12	"	"
Phys. Edu.,	3	"	"	Phys. Edu.,	3	"	"

If a student has in mind some particular professional school for which he is preparing, it would be advisable to find out what standing the above courses would give him in that institution. This can be done by submitting these courses directly to the university in question.

There is a growing tendency among the best universities to urge young men to complete the full four-year college course before entering a professional school.

GENERAL REGULATIONS

1. The A. B. degree will not be granted to any one who has not done at least 45 term hours of work in this college. Not more than 18 hours of the work of the senior year may be done in absentia; except that, if a student has done his sophomore and junior work in this college and has not more than 48 term hours of elective work remaining for graduation, he may do this elective work in any standard technical school.

2. The College admits no special students.

3. College students are limited to 18 hours of work per week, with certain minor exceptions hereafter noted, not including physical education, but including all other work for which credit is given. Less than 12 hours of work per week cannot be carried without the permission of the Dean.

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

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 hours of correspondence work will be accepted in any one department of instruction.

CLASSIFICATION

College students will be classified as follows:

(a) A student will be classified as *Freshman* if the number of term-hours required for his graduation lies between 162 and 108, including his conditions for entrance and excluding the year's work in actual progress.

(b) He will be classified as *Sophomore* if the number of term-hours required for graduation lies between 107 and 54 under the same conditions as above.

(c) To be classified a *Junior*, the student shall have removed every condition for entrance to college, and the number of term-hours required for his graduation shall lie between 53 and 1, excluding the year's work in actual progress.

(d) If a student has met all conditions for entrance and there remain no requirements for his graduation besides the year's work in actual progress, he will be classified a *Senior*.

GRADING AND EXAMINATIONS

I. Grades are expressed by the letters, A1, B1, C1, D1, E1, and F. These letters represent an average between the class grade and the examination grade, but no student can pass a subject in which he has not received both a class grade and examination grade of at least E1, which represents a grade of not less than 60 per cent. Credits published with the courses are known as "normal credits."

II. Students who receive the grade A1 will be given 120 per cent of the normal credit; those receiving B1 will be given 110 per cent of the normal credit. The grade C1 entitles the student to the normal credit, but only 90 and 80 per cent, respectively, of the normal credit will be given for the grades D1 and E1. The grade A1 is not given except by the vote of the Faculty. No student will be given an A1 grade who has fallen below C1 in any course for the term.

III. In classes of more than 14 students the number of A1 and B1 grades combined must not exceed 20 per cent of the number of students in the class. This percentage may be increased in smaller classes.

IV. If, in a required course, a student passes but fails to make the normal credit, he will not be required to make up the deficiency in any especially designated course.

NEGATIVE CREDITS

I. No student is admitted to an examination if he has been absent from class 25 per cent of the total number of recitations.

II. A student is given *one hour* negative credit for each 12 of his total term absences, except that this total shall not contain absences from classes in which the student received no credit, nor absences, which, in the opinion of the Faculty, were unavoidable.

III. Two absences from chapel or gymnasium will be counted one absence in determining negative credits.

IV. Each absence occurring the day before or the day after a holiday will be treated as *three* absences.

V. Students claiming unavoidable absences must report them to the Dean without delay. Belated excuses will not be considered.

VI. The number of hours of negative credit is obtained by taking the grand total of all unexcused absences for the term and dividing this sum by twelve.

THE POINT SYSTEM

A *positive* point will be given for each hour of work in which a student receives a grade of either A1, B1 or C1. No points will be given for D1 grades.

A *negative* point will be given for each hour in which a student receives a grade of either E1 or F. In order to graduate, a student's positive credits must be equal at least to his negative credits.

TABLE OF MAJORS AND THEIR PRESCRIBED MINORS

Prerequisites to Majors	Majors	Cognate Minor	Second Minor	Third Minor
Entrance units	Biblical Literature and Religious Education. (Must include 3 terms of N. T. Greek)	6 terms of 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	6 terms of one foreign language	6 terms of one subject or 3 terms each of two subjects from group II
Entrance units	Chemistry	6 terms in one laboratory science or 3 terms each in two.	6 terms of one subject or 3 terms each of two subjects from group III	6 terms of one foreign language.
Entrance units	Education	Two years in one subject other than edu. or required foreign language.	6 terms of one foreign language	6 terms of one subject or 3 terms each of two subjects from group II, not included in cognate minor.
Entrance units, including at least 2 units of Latin.	English	3 terms of Latin having four years of Latin Prerequisite, and 3 additional terms of either French, German, Greek, or Latin. (1).	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
Entrance units	History and Political Science	6 terms of social science	6 terms of one science or 3 terms each of two sciences.	6 terms of one foreign language.
Entrance units, including at least 2 units of Latin.	Latin (6 years of Latin including entrance Latin)	6 terms of one foreign language other than Latin.	6 terms of one subject or 3 terms each of two subjects from group III.	6 terms of one subject or 3 terms each of two subjects from group II
Entrance units, including 1 1-2 units alg., 1-3 sol. geom.	Mathematics	6 terms of physics	6 terms of one subject or 3 terms each of two subjects from group III	6 terms of one foreign language.
Entrance units, including 1 1-2 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

NOTE 1—Vergil may be offered for the three additional terms of Latin if it is taken in college.

SCHEDULE FOR 1922-1923

	FALL			WINTER			SPRING		
	Courses	Prerequisite	Cr. Hrs.	Courses	Prerequisites	Cr. Hrs.	Courses	Prerequisites	Cr. Hrs.
7:50	Astron. 1f	Fr.	2	Astron. 2w	1f	2	Astron. 3s	2w	2
	Bible 31.	1 yr. hist	4	Bible 32	31	4	Bible 33	32	4
	Chem. 5	3a	5	Chem 6	5	5	Chem. 13	6	5
	Engl. 8	30, 5	4	Engl. 34	30, 5	4	Engl. 35	Jun	4
	German 1D	Fr.	4	German 2D	1D	4	German 3D	2D	4
	Hist. 2	1U	4	Hist. 3	1U	4	Hist. 4	3	4
	Latin 1D	3U	4	Latin 2D	1D	4	Latin 3D	2D	4
	Soc. 37	Soph	4	Soc. 37 a	37	4	Soc. 38	37, 37a	4
8:45	Bible 1	Fr.	4	Bible 1a	1 or H. S. O. T.	4	Bible 1b	1a	4
	Com. Geo. 1	Fr.	3	Com. Geo. 2	1	3	Ecom. Hist. 1	Fr	3
	Engl. 15	Fr.	4	Engl. 16	15	4	Engl. 17	16	4
	Engl. 30	17	4	Engl. 5	30	4	Engl. 7	30, 5	4
	French 4	3	4	French 5	4	4	French 6	5	4
	Geol. 1	Biol. 23, Chem. 2a	4	Geol. 2	1	4	Min. 1	Chem. 3a	4
	German 1	3d	4	German 2	1	4	German 4	2	4
	Latin 1C	2 U or 1 a	4	Latin 2C	1C	4	Latin 3C	2C	4
	Latin 21	4U	4	Latin 22	4U	4	Latin 23	4U	4
	Math. 12	2U	5	Math. 13	12 or 2 1-2U	5	Math. 14	13	5
	Phys. 10	6, Math. 26	5	Phys. 11	10	5	Phys. 12	see 2:10 p.m.	4
	Pol. Sci. 9	Soph	4	Pol. Sci. 2	9	4	Pol. Sci. 7	2	4
9:40	Bible 8	1b	4	Bible 9	8	4	Bible 10	9	4
	Biol. 21	Fr	4	Biol. 22	21	4	Biol. 23	22	4
	Chem. 1a	Fr	5	Chem. 2a	1a	5	Chem. 3a	2a	5
	Edu. 14	13	4	Edu. 15	14	4	Edu. 18, 19	13	2 each
	Engl. 30	17	4	Engl. 5	30	4	Engl. 7	5	4
	Engl. 18	17	2	Engl. 19	18	2	Engl. 20	19	2
	Math. 24	14	5	Math. 25	24	5	Math. 26	25	5
	Soc. 31	Soph	4	Soc. 4	Soph	4	Soc. 32	31, 4	4
	Span. 1	Fr	4	Span. 2	1	4	Span. 3	2	4
10:35	Biol. 24	22	4	Biol. 25	24	4	Biol. 26	25	4
	Biol. 27	23	4	Biol. 28	23, Chem. 3	4	Biol. 29	26, Chem. 3	4
	Chem. 14	8	5	Chem. 15	14	5	Chem. 16	8	5
	Engl. 15	Fr	4	Engl. 16	15	4	Engl. 17	16	4
	Engl. 39	17, 30, 5	4	Engl. 37	17, 30, 5	4	Engl. 38	17, 30, 5	4
	French 1	Fr	4	French 2	1	4	French 3	2	4
	Greek 1D	Fr	4	Greek 2d	1d	4	Greek 3d	2d	4
	Hist. 7	2, 3, 4	4	Hist. 8	7	4	Hist. 5	8	4
	Edu. 21	Fr	4	Edu. 22	21	4	Edu. 17	15 or 22	4
	Phys. 4	3, Math. 13	5	Phys. 5	3, Math. 13	5	Phys. 6	3, math. 13	5
	Span. 4	3	4	Span. 5	4	4	Span. 6	5	4

NOTE: Students offering two units of Bible from William Jewell High School will be excused from Bible 1, 1a, 1b as a prerequisite to other courses, and may enter Bible 1a with one year of high school Old Testament as prerequisite.

SCHEDULE FOR 1922-1923

11:30	CONVOCAATION								
	NOON								
	FALL			WINTER			SPRING		
	Courses	Prerequisites	Cr. Hrs.	Courses	Prerequisites	Cr. Hrs.	Courses	Prerequisites	Cr. Hrs.
1:15	Bible 11 (Gr.)	1b, Gr. 23	4	Bible 12	11	4	Bible 13	12	4
	Chem. 7	3a	5	Chem. 8	7	5	Chem. 9a	8	5
	Edu. 11	Soph	4	Edu. 12a	11	4	Edu. 13	11	4
	Engl. 15	Fr	4	Engl. 16	15	4	Edu. 17	16	4
	Graphics 4a	3	2	Graphics 5	4	4	Graphics 6	5	4
	Hist. 2	1U	4	Hist. 3	1U	4	Hist. 4	3	4
	Latin 1a	Fr	4	Latin 2a	1a	4	Latin 3a	2a	4
	Philos.	Edu. 11	2	Phil. 6	Edu. 11	4	Philos. 3	Edu. 11	4
	Soc. 34	31, 4	4	Soc. 35a	31, 4	4	Soc. 39	37, 37a	4
	Span. 1	Fr	4	Span. 2	1	4	Span. 3	2	4
	French 1	Fr	4	French 2	1	4	French 3	2	4
2:10	French 7	6	4	French 8	7	4	French 9	8	4
	Graphics 1a, 2a, 3a		2e	Graphics 1a, 2a, 3a		2e	Graphics 1a, 2a, 3a		2e
	Greek 21	3d	4	Greek 22	21	4	Greek 23	22	4
	Math. 27	26	5	Math. 28	27	5	Math. 29	28	5
							Physics 12	3, Math. 13	5
3:05	Latin 24	23	4	Latin 25	23	4	Latin 26	23	4
4:00	Athletics, Classes also at 10:35, 2:10 and 3:05								

NOTES: (1) Pratical Ethics will recite in the fall and spring terms at 11 a. m. on Monday and 1:15 on Friday.

BIBLICAL LITERATURE AND RELIGIOUS EDUCATION

A major in this department must include 1, 1a, 1b and 11, 12, 13 and 2, 3, 4 or 8, 9, 10 or 31, 32, 33. A minor is 1, 1a, 1b and 2, 3, 4 or 8, 9, 10 or 31, 32, 33.

College graduates who have taken 1, 1a, and 1b may teach the Bible to high school pupils, in Sunday-school for credit toward graduation in the public high schools of Missouri.

(Students entering college from the William Jewell High School who have had a unit of Old Testament are not required to take 1 as a prerequisite to 1b; those who offer two units in Bible are not required to take 1, 1a, and 1b as prerequisites to further Bible work in the College).

1. OLD TESTAMENT HISTORY. Professor Lewis. Fall term. T., W., Th., F., at 8:45. For freshmen. Credit, 4 hrs. The aim is to familiarize the student with the outlines of Old Testament history. Map drawing and extensive readings in the Old Testament.

1a. NEW TESTAMENT HISTORY. Professor Lewis. Winter term. T., W., Th., F., at 8:45. Prerequisite, 1. For freshmen. Credit, 4 hrs. The main facts of New Testament history are studied in order. Map drawing and extensive readings in the New Testament.

1b. HISTORY OF THE BIBLE. Professor Lewis. Spring Term, T., W., Th., F., at 8:45. Prerequisite, 1b. For freshmen. Credit, 4 hrs. The formation of the Bible, the making of the canon, the translations and versions are studied. The history of the English Bible receives special emphasis.

2—3—4. ENGLISH OLD TESTAMENT. Fall, winter and spring terms. Prerequisite, 1b. Credit, 4 hours per term. (Will not be given in 1922-1923).

8. LIFE OF CHRIST. Professor Lewis. Fall term. T., W., Th., F., at 9:40. Prerequisite, 1b. For sophomores. Credit, 4 hours. After a brief survey of the interbiblical period, the life and times of Jesus are studied. Some attention is given to questions of harmonization, the interpretation of difficult passages, and the synoptic problem.

9—10. RECORDS AND LETTERS OF THE APOSTOLIC AGE. Professor Lewis. Winter and spring terms. T., W., Th., F., at 9:40. Prerequisite, 8. For sophomores. Credit, 4 hrs. per term. During the winter term, most of the time is given to the life and writings of Paul; during the spring term the rest of the apostolic age is studied.

11a. GREEK NEW TESTAMENT. Professor Lewis. Fall term. T., W., Th., F., at 1:15. Prerequisites, 1b and Greek 23. Credit, 4 hrs. Texts: Short Grammar of the Greek New Testament—Robertson; Greek New Testament—Westcott and Hort or Nestle; Greek-English Lexicon of the New Testament—Thayer. The student is made familiar with the main differences between classical and New Testament Greek. One of the gospels—usually Mark—is read in Greek. Grammar and translation from English into Greek each week.

12a—13a. GREEK NEW TESTAMENT. Professor Lewis. Winter and spring terms. T., W., Th., F., at 1:15. Prerequisite, 11a. Credit, 4 hrs. per term. In addition to the texts in 11a a commentary of the Greek is used. One of Paul's epistles is usually read. Grammar and translation into Greek.

31. HISTORY OF CHRISTIANITY. Professor Lewis. Fall term. T., W., Th., F., at 7:50. Prerequisite, a year of college history. Credit, 4 hours. Text: A History of the Christian Churches—Walker. The history of Christianity is traced from the beginning to the Reformation. References and lectures.

32. HISTORY OF CHRISTIANITY. Professor Lewis. Winter term. T., W., Th., F., at 7:50. Prerequisite, 31. Credit, 4 hrs. Text: same as 31. Most of the time this term is devoted to the Reformation.

33. HISTORY OF CHRISTIANITY. Professor Lewis. Spring term. T., W., Th., F., at 7:50. Prerequisite, 32. Credit, 4 hrs. Text: The Spread of Christianity in the Modern World—Moore. Most of the time this term is devoted to the history of modern missions and the rise and development of modern denominations.

43a. RELIGIOUS EDUCATION. Professor Lewis. Fall term. T. and Th. Prerequisites, 1b and Education 12a. Credit, 2 hrs. The history and aims of religious education.

43b—43c. RELIGIOUS EDUCATION. Professor Lewis. Winter and spring terms. T. and Th. Prerequisite, 43a. Credit, 2 hours per term. The methods, materials, curriculum and administration of religious education are discussed.

Not more than 60 hours of credit toward the A. B. degree will be allowed in this department.

BIOLOGY

PROFESSOR IVES*

The nine courses given below constitute a major; any six courses a minor.

21—22. GENERAL BIOLOGY. Fall and winter terms. Lectures T., Th., at 9:40. Laboratory 4 hrs. per week. For freshmen. Credit, 4 hrs. per term. Texts: College Zoology—Hegner. Principles of Botany—Bergen and Davis. This course is designed for students who desire a comprehensive view of the fundamentals underlying the great principles governing modern biology. In the laboratory the cell as a biological unit is studied, also the structure and development of the lower forms of animal and plant life, followed by the morphology, physiology, histology and embryology of the frog.

23. GENERAL BOTANY. Spring term. Lectures T., Th., at 9:40. Laboratory 4 hrs. per week. Prerequisite, 22. Credit, 4 hrs. Text: Principles of Botany—Bergen and Davis. A brief survey of the plant kingdom including a study of the morphology, development and distribution of a series of typical representatives of the liverworts, mosses, ferns and flowering plants. Part of the time will be spent in becoming acquainted with the local flora.

24. INVERTEBRATE ZOOLOGY. Fall term. Lectures T., Th., at 10:35. Laboratory 4 hrs. per week. Prerequisite, 22. Credit, 4 hrs. Text: College Zoology—Hegner. This includes a study of the invertebrate animals, their adaptations and relationships, morphology and development, and the principles of zoology. In the laboratory types not considered in 22 are studied, attention being given to some of the parasitic invertebrates, their structure, life history and economic importance.

25. COMPARATIVE ANATOMY OF VERTEBRATES. Winter term. Lectures T., Th., at 10:35. Laboratory 4 hrs. per week. Prerequisite, 24. Credit, 4 hrs.

*Resigned.

Texts: Vertebrate Zoology—Newman. Kingsley's Outlines. A study of the comparative development of the various systems of organs of vertebrate animals with reference to their structures, development and homologies. The laboratory work consists of a comparative study of amphioxus, lamprey, dogfish and turtle.

26. MAMMALIAN ANATOMY. Spring term. Lectures T., Th., at 10:35. Laboratory 4 hrs. per week. Prerequisite, 25. Credit, 4 hrs. Texts: Mammalian Anatomy—Davison. This is a continuation of course 25 except that special attention is given to the anatomy of the cat.

27. EMBRYOLOGY AND HISTOLOGY. Fall term. Lectures M., W., at 10:35. Laboratory 4 hrs. per week. Prerequisite, 23. Credit, 4 hrs. Study of the development of the frog and chick, principles of microscopy, and the preparation of histological material. Lectures deal with the development of sexual cells, cleavage of egg, formation of the principal organs and the differentiation of tissues in vertebrates. In the laboratory the student prepares his own microscopical slides.

28. GENERAL BACTERIOLOGY. Winter term. Lectures M., W., at 10:35. Laboratory 4 hrs. per week. Prerequisites, Biol. 23; Chem. 1, 2, 3. Credit, 4 hrs. An introductory course to the fundamental facts of bacteriology including discussions of the relation of micro-organisms to industries and hygiene. In the laboratory the student studies the morphology and physiology of yeasts, molds and typical non-pathogenic bacteria, and becomes acquainted with the methods in sterilization, culture media, isolation, identification and the growing of bacteria.

29. PHYSIOLOGY. Spring term. Lectures M., W., at 10:35. Laboratory 4 hrs. per week. Prerequisites, 26; Chem. 1, 2, 3. Credit, 4 hrs. A study of the anatomy and physiology of the human body. In the laboratory attention is given to the structure and function of the various organs of the human body and of other representative vertebrates.

NOTE: Laboratory hours for courses 21, 22, 23 are as follows: 1st. division. Mon., Wed., 2:15-4:00; 2nd. division, Tues., Thurs., 2:15-4:00 p. m. For the advanced courses the laboratory will be open every afternoon from 1:15-4:00 p. m.

Students preparing for medicine should take at least three years of chemistry in addition to biology.

CHEMISTRY

PROFESSOR PARKER, ASSISTANT PROFESSOR SCOTT AND ASSISTANTS

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

1a—2a. GENERAL CHEMISTRY. Fall and winter terms. Lectures, M., W., F., at 9:40. Laboratory, two periods weekly. For freshmen. Credit, 5 hrs. per term. Students who offer chemistry for college entrance will be enrolled in this course, but may be given special work suited to their advancement. Chem. 1a covers the general introduction to chemistry and the non-metallic elements. Chem. 2a takes up the metals.

3a. QUALITATIVE ANALYSIS. Spring term. Prerequisite, Chem. 2a, of which this course is a continuation. Lectures W., F., at 9:40. Laboratory three periods weekly. Credit, 5 hrs. Lectures will embrace general chemical theory including the elements of physical chemistry.

7-8. QUANTITATIVE ANALYSIS. Fall and winter terms. M., W., F., at 1:15. Laboratory, M., W., F., at 2:10. For sophomores and juniors. Prerequisite, Chem. 3a. Credit, 5 hrs. each. Text: Mahin's Quantitative Analysis. The course includes gravimetric analysis, volumetric analysis and various forms of standard methods for the determination of the chemical elements.

9a. PHYSICAL CHEMISTRY. Spring, term M., W., F. at 1:15. Laboratory M., W., F. at 2:10. Prerequisite, Chem. 8. Credit, 5 hrs. For sophomores, juniors and seniors.

5-6. ORGANIC CHEMISTRY. Fall and winter terms, M., W., F. at 7:50. Laboratory, T., Th. at 2:10. For sophomores and juniors. Prerequisite, 3a. Credit, 5 hrs. each per term. Text: Theoretical Organic Chemistry---Cohen.

13. SYNTHETIC ORGANIC PREPARATIONS. For juniors and seniors. Spring term, M., W., F. at 7:50. Laboratory, T., Th., at 2:10. Prerequisite, Chem. 6. Credit, 5 hrs. Advanced preparation of carbon compounds.

14-15. WATER ANALYSIS. Fall and winter terms at 10:35. Laboratory hours to be arranged. For juniors and seniors. Prerequisite, Chem. 8. Sanitary examination of water, including standard bacteriological practice. Credit, 5 hrs. each per term.

16. SPECIAL METHODS OF QUANTITATIVE ANALYSIS. Spring term at 10:35. Laboratory hours to be arranged. For juniors and seniors. Prerequisite, Chem. 8. Special methods, including fuel and gas analysis. The work in courses 14, 15 and 16 may be varied somewhat to suit the needs of the individual student. Credit, 5 hrs.

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.

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

All laboratory work up to the senior year will come regularly afternoons from 2:10 to 4. Sections will be so alternated that any student may take any two sciences without conflict, at least in the elementary classes.

EDUCATION

PROFESSOR SMITH

The following thirty-six hours form a major; any twenty-four hours, with proper prerequisites constitute a minor.

11. INTRODUCTORY PSYCHOLOGY. A study of the main facts, principles and theories of human psychology. Fall term. T., W., Th., F., at 1:15. For sophomores. Credit, 4 hrs.

12a. GENETIC PSYCHOLOGY. A treatment of animal behavior from the developmental point of view; study of the evolution of the mind of the child; attention given to deviation from the norm in mental life and to racial aspects of mind. Winter term. T., W., Th., F., at 1:15. Prerequisite, 11. Credit, 4 hrs.

13. EDUCATIONAL PSYCHOLOGY. A study of the fundamental conceptions, facts and principles of the learning process. Spring term. T., W., Th., F., at 1:15. Prerequisite, 11. Credit, 4 hours.

14. METHODS OF TEACHING IN HIGH SCHOOLS. The general principles of method are discussed and applied to high school instruction. Fall term. T., W., Th., F., at 9:40. Prerequisite, 13. Credit, 4 hours.

15. HIGH SCHOOL ORGANIZATION AND ADMINISTRATION. A study of the relation of the high school to elementary education and to higher education, of its particular aims, program of studies, organization and administration. Winter term. T., W., Th., F., at 9:40. Prerequisite, 14. Credit, 4 hours.

18. MENTAL TESTS. A study of the formation, standardization and application of mental tests. The application of the tests will be viewed with particular reference to education. Spring term. T., Th., at 9:40. Prerequisite, 13. Credit, 2 hours.

19. EDUCATIONAL MEASUREMENTS. The derivation, standardization, and use of scales of measurement. Spring term. W. and F., at 9:40. Prerequisite, 13. Credit, 2 hours.

21. HISTORY OF EUROPEAN EDUCATION. A study of the systems of Greece and Rome, of the development of schools through the middle ages, with especial emphasis on the educational systems of the western European nations to the present. Fall term. T., W., Th., F., at 10:35. Credit, 4 hours.

22. HISTORY OF AMERICAN EDUCATION. Winter term. T., W., Th., F., at 10:35. Prerequisite, 21. Credit, 4 hrs.

17. EDUCATIONAL ORGANIZATION AND ADMINISTRATION. This course includes the following topics: the district plan, county plan, state unit and board, organization of a system of schools, powers of superintendent, principal, teachers, etc. Attention is given to the problem of finances and accounting. Spring term. T., W., Th., F., at 10:35. Prerequisite, either 15 or 22. Credit, 4 hours.

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

Note: Groups of the above courses prepare the student for state certificates to teach. The certificate which is worth most is the three year certificate which is convertible into a life certificate after sixteen months experience in teaching in the state of Missouri

ENGLISH

PROFESSORS FRUIT, EDWARDS AND HARVEY

16. COMPOSITION. Professor Harvey. Fall term. T., W., Th., F., at 8:45, 10:35, and at 1:15, M., T., W., Th. Prerequisites, college entrance requirements in English. Required of all freshmen. Credit, 4 hours. Texts: Freshman English—Lathrop and Century Handbook—Jones. The essentials of prose composition and much practice writing.

15. COMPOSITION. Professor Harvey. Winter term. Hours as in 15. Prerequisite, 15. Required of all freshmen. Credit, 4 hrs. Text: Expository Writing—Curl. The purpose of this course is to give training in the method, structure, and style of the forms of prose composition. Emphasis is placed on the analysis of the forms of modern specimens in exposition and argumentation.

17. COMPOSITION. Professor Harvey. Spring term. Hours as in 15. Prerequisites, 15, 16. Required of all freshmen. Credit, 4 hrs. Texts: Writing of Today—Cunliffe and Lomer, What Can Literature Do For Me—Smith. Special study and practice in narration, description, and feature writing.

18. JOURNALISM. Gathering News. Professor Harvey. Fall term. Prerequisites, 15, 16, 17. Hours 9:40, twice a week, days to be arranged. Credit, 2 hrs. Text: Newspaper Writing and Editing—Bleyer. For members of the *Student* staff and its reporters.

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

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

21. PUBLIC SPEAKING. Professor Harvey. Spring term. Hours and days to be arranged. Prerequisites, 15, 16. Credit, 2 hrs. Intensive training in oratory and debate for the members of the intercollegiate debate squad and for the oratorical contestants.

30. A SURVEY OF ENGLISH LITERATURE FROM THE FOURTEENTH TO THE NINETEENTH CENTURY. Professor Fruit. Fall term. T., W., Th., F., at 8:45 and 9:40. Prerequisites, 15, 16, 17. For sophomores. Credit, 4 hrs. Masterpieces representative of the different periods for reading and weekly reports.

5. SHAKESPEARE AS A DRAMATIST. Professor Fruit. Winter term. T., W., Th., F., at 8:45 and 9:40. Prerequisite, 30. For sophomores. Credit, 4 hrs. Text: Development of Shakespeare as a Dramatist—Baker. The reading and study of *Love's Labour's Lost*, *Merchant of Venice*, *Romeo and Juliet*, *Hamlet*, *Macbeth*, *Othello*, *As you Like It*, *The Tempest*.

7. VICTORIAN POETRY. Professor Fruit. Spring term. T., W., Th., F., at 8:45 and 9:40. Prerequisites, 30, 5. Credit, 4 hrs. Text: Literature of the Victorian Era—Hugh Walker; Victorian Anthology—Stedman.

8. VICTORIAN PROSE. Professor Fruit. Fall term. T., W., Th., F., at 7:50. Prerequisites, 30, 5. For juniors. Credit, 4 hrs. Texts: Literature of the Victorian Era—Huge Walker. Readings in Prose of the Nineteenth Century—Alden.

34. MODERN DRAMA. Professor Fruit. Winter term. T., W., Th., F., at 7:50. Prerequisites, 30, 5. For juniors. Credit, 4 hrs. Text: Aspects of the Modern Drama—Chandler. Representative British and American plays critically studied.

35. ESTHETICS AND CRITICISM. Professor Fruit. Spring term. T., W., Th., F., at 7:50. For juniors. Credit, 4 hrs. Texts: Psychology of Beauty—Puffer; Essentials of Aesthetics—Raymond; Principles of Criticism—Worsfold. Litera-

ture in its higher forms is an art, for which reason the student of literature should be also a critic of literature.

39. THE ENGLISH LANGUAGE. Professor Edwards. Fall term. T., W., Th., F., at 10:35. Prerequisites, English 15, 16, 17, 30 and 5. For juniors. Credit, 4 hrs. Text: Modern English; Its Growth and Present Use—George Philip Krapp. This course is designed especially for those who expect to teach the English language.

37. WALT WHITMAN. Professor Edwards. Winter term. T., W., Th., F., at 10:35. Prerequisites, English 15, 16, 17, 30 and 5. For juniors. Credit, 4 hrs. Texts: Leaves of Grass, Complete Prose—Walt Whitman. An intensive study of the poet and his work against the background of his time and country will be made, showing Whitman not only as a poet of revolt and a prophet of democracy but also as the forerunner of the new movement in poetry.

38. CONTEMPORARY POETRY. Professor Edwards. Spring term. T., W., Th., F., at 10:35. Prerequisites, English 15, 16, 17, 30 and 5. For juniors. Credit, 4 hrs. Text: The New Poetry—Edited by Harriet Monroe and Alice Corbin Henderson. A study of English and American poetry since 1900, with special reference to the "new poetry", its form and its content.

FRENCH

PROFESSOR BASKETT

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

1-2-3. ELEMENTARY FRENCH. Fall, winter and spring terms. T., W., Th., F., at 10:35 and at 1:15. Credit, 4 hrs. each. Grammar and reading; drill in pronunciation, forms and elementary composition. Texts: French Grammar—Fraser and Squair; *Petits Contes de France*—Meras and Roth; *Features of French Life*.—Robert; *Histoire de France*—Lavissee.

4-5-6. SECOND YEAR FRENCH. Fall, winter and spring terms. T., W., Th., F., at 8:45. Prerequisite, 3. Credit, 4 hrs. each. Reading of simple prose texts with exercises in dictation and composition. Review of grammar, study of irregular verbs completed. Text: French Grammar—Fraser and Squair. French Review Grammar—Carnahan. About 750 pages from the works of Merimee, Hugo and Dumas.

7-8-9. MODERN FRENCH WRITERS. Fall, winter and spring terms. M., T., W., Th., at 2:10. Prerequisite, 6. Credit, 4 hrs. each. Translation and reading of the works of modern authors. About 1400 pages are read.

GEOLOGY

ASSISTANT PROFESSOR SCOTT

GEOLOGY. 1-2. Fall and winter terms at 9:40. Prerequisites, Chem. 2a and Biol. 21. Credit, 4 hrs. each. Structural and historical geology.

MINERALOGY. 1. Spring term at 9:40. Prerequisite, Chem. 3a. Credit, 4 hrs. Descriptive mineralogy.

GERMAN

PROFESSOR BASKETT

The following nine courses form a major in German; six of them form a minor.

1d-2d-3d. **ELEMENTARY GERMAN.** Fall, winter and spring terms. T., W., Th., F., at 7:50. Credit, 4 hrs. each. Text: First Course in German---Schrag and Alexis. 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.

1-2. **INTERMEDIATE GERMAN.** Fall and winter terms. M., T., W., Th., 8:45. Prerequisite, 3d. Credit, 4 hrs. each. With the reading of about 300 pages of German prose is combined a systematic review of grammar. Oral and written composition based on the texts read.

4. **SCHILLER'S WORKS.** Spring term. M., T., W., Th., at 8:45. Prerequisite, 2. Credit, 4 hrs. The reading of some of Schiller's dramas affords an introduction to the classical German drama. Themes based on the texts are required.

10-11-12. **MODERN GERMAN NOVEL AND DRAMA.** Fall, winter and spring terms. T., W., Th., F., at 1:15. Prerequisite, 4. Credit, 4 hrs. each. With the reading of the works of modern authors is combined some practice in writing German.

GRAPHICS

PROFESSOR DAVIS AND ASSISTANT

1a. **ELEMENTS OF DRAFTING.** Use of instruments, applied geometry, free-hand lettering; isometric projection. Course repeated fall, winter and spring terms at 2:10. M., W., or T., Th. Elective. Credit, 2 hrs. Text: Engineering Drawing---French.

2a. **PROJECTIONS.** Orthographic projection, pictorial representation. Course repeated fall, winter and spring terms at 2:10 M., W., or T., Th. Credit, 2 hrs. Prerequisite, Graphics 1a. Text: same as Graphics 1.

3a. **APPLICATIONS OF DRAWING.** Working drawings, sketches, tracings and duplication in blue-print. Course repeated fall, winter and spring terms at 2:10. M., W., or T., Th. Credit, 2 hrs. Prerequisite, Graphics 2. Text: Same as Graphics 1.

4a. **DESCRIPTIVE GEOMETRY.** Point, line and plane. Fall term at 1:15 M., T., W., Th. Credit, 2 hrs. Prerequisite, Graphics 3. Text: Theory of Engineering Drawing---Adler.

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

5. **DESCRIPTIVE GEOMETRY.** Surfaces, intersection and developments. Winter term at 1:15. M., T., W., Th. Credit, 4 hrs. Prerequisite, Graphics 4a. Text: Same as Graphics 4a.

6. **DESCRIPTIVE GEOMETRY.** Perspective projection, shades and shadows. Spring term at 1:15. M., T., W., Th. Credit, 4 hrs. Prerequisite, Graphics 5. Text: Same as Graphics 4a.

GREEK

PROFESSOR COON

Courses 1d, 2d, 3d, 21, 22, 23, form a minor.

1d-2d-3d. ELEMENTARY GREEK. Fall, winter and spring terms. 10:35. Credit, 4 hrs. each.

21. XENOPHON, ANABASIS. Fall term. 2:10. Prerequisite, 3d. Credit, 4 hrs. The purpose of the course is to strengthen the student's knowledge of forms and syntax, and to increase his facility in the reading of easy Greek.

22. HERODOTUS SELECTIONS. Winter term. 2:10. Prerequisite, 21. Credit, 4 hrs. Herodotus is studied both as a story teller and as a historian. Many of his most interesting stories are read. One purpose of the course is to increase the student's vocabulary.

23. HOMER, ILIAD. Spring term. 2:10. Prerequisite, 22. Credit, 4 hrs.

24. PLATO, APOLOGY AND CRITO. Fall term. Prerequisite, 23. Credit, 4 hrs.

28. EURIPIDES, SELECTED PLAYS. Winter term. Prerequisite, 24. Credit, 4 hrs.

25. SOPHOCLES, ANTIGONE. Spring term. Prerequisite, 25. Credit, 4 hrs.

HISTORY

PROFESSOR MACKINNEY

The three political science courses plus six history courses form a major in history and political science; plus three, form a minor.

2, 3-4. MEDIEVAL AND MODERN EUROPE. Fall, winter and spring terms. Lectures and class discussion. M., T., W., Th., 1:15; T., W., Th., F., 7:50. For freshmen who have had one unit of high school history, preferably ancient history. Credit, 4 hrs. per term. Texts: Medieval History—Thorndike, Modern History—Schwill. The first term deals with the period before the Protestant revolt, using texts with some library reading. The last two terms deal with modern Europe and involve more library work with individual research and writing of special papers.

7. CONSTITUTIONAL HISTORY OF ENGLAND. A survey of English history with special emphasis on the development of Parliament and modern democratic features. Fall term. T., W., Th., F., at 10:35. Prerequisite, History 2, 3, 4. Credit, 4 hrs. Class notes on lectures, discussion, library reading and preparation of special topics are required. Text: Short History of England—Cheyney.

8. CONSTITUTIONAL HISTORY OF THE UNITED STATES. A survey of the formation and development of the constitution and national life through the Civil War. Winter term. T., W., Th., F., 10:35. Prerequisite, History 7. Credit, 4 hrs. A course supplementing History 7 and conducted similarly. Text: Short History of United States—Bassett.

5. RECENT HISTORY OF THE UNITED STATES. Spring term. T., W., Th., F., 10:35. Prerequisite, History 8. Credit, 4 hrs. This course deals with reconstruction, industrial expansion, and modern problems.

LATIN

PROFESSOR COON AND ASSISTANT PROFESSOR -----

Courses 1d, 2d, 3d, 21, 22, 23 and three additional terms of four hours

each, for which 23 is a prerequisite form a major. Six consecutive terms of college Latin form a minor.

1a—2a—3a. BEGINNING LATIN AND CAESAR. Fall, winter and spring terms at 1:15. Credit, 4 hrs. each term. This course is open for credit to those who offer two units of Latin or less for entrance.

1c—2c—3c. CAESAR, AND CICERO'S ORATIONS. Fall, winter and spring terms, 8:45. Prerequisite, two entrance units in Latin. Credit, 4 hrs. each term. Latin composition will be given one day a week. Emphasis will be placed on word derivation. Some study will be made of Roman political institutions. This course is designed primarily for students who offer only two entrance units of Latin.

1d—2d—3d. OVID, AND VIRGIL'S AENEID. Fall, winter and spring terms, 7:50. Prerequisite, three entrance units in Latin. Credit, 4 hrs. each term. Latin composition and the study of verse structure will be given the equivalent of one hour a week. Emphasis will be placed on the cultural aspect of the two poets.

21. CICERO, DE AMICITIA, DE SENECTUTE. Fall term, 8:45. Prerequisite, four entrance units in Latin. Credit, 4 hrs. In the fall of 1922 the De Amicitia will be read carefully and the De Senectute more rapidly.

22. PLINY, SELECTED LETTERS. Winter term, 8:45. Prerequisite, four entrance units in Latin. Credit, 4 hrs. In this course some study will be made of Roman life in the Silver Age. The epistolary type of literature also will be studied.

23. SELECTIONS FROM LATIN POETS. Spring term, 8:45. Prerequisite, four entrance units in Latin. Credit, 4 hrs. In this course are included the best of the shorter poems in Latin literature from Ennius to Boethius. There are also a number of Latin hymns.

24. HORACE, ODES. Fall term, 3:05. Prerequisite, 23. Credit, 4 hrs.

25. CICERO, PHILOSOPHICAL WORKS. Winter term, 3:05. Prerequisite, 23. Credit, 4 hrs.

26. LUCRETIVS. Spring term, 3:05. Prerequisite, 23. Credit, 4 hrs.

*31. HORACE, SATIRES AND EPISTLES. Fall term, 3:05. Prerequisite, 23. Credit, 4 hrs.

*28. LATIN PROSE COMPOSITION. Winter term, 3:05. Prerequisite, 23. Credit, 4 hrs.

*30. JUVENAL. Spring term, 3:05. Prerequisite, 23. Credit, 4 hrs.

*Not given in 1922-23.

MATHEMATICS AND ASTRONOMY

PROFESSOR FLEET

Mathematics 12, 13, 14, 24, 25, 26, 27, 28 and 29 form a major. The first six of these form a minor.

12. COLLEGE ALGEBRA. Fall term. Daily, at 8:45. Prerequisite, one unit of algebra and one unit of plane geometry. For freshmen. Credit, 5 hrs. This course will contain a review of elementary algebra and a few advanced topics.

13. PLANE AND SPHERICAL TRIGONOMETRY. Winter term. Daily, at 8:45. Prerequisite, 12 or 1½ units of algebra and 1 unit of geometry. Credit, 5 hrs.

14. COLLEGE ALGEBRA. Spring term. Daily, at 8:45. Prerequisite, 13. Credit, 5 hrs. This course will be a continuation of course 12. Some of the more advanced topics of the subject will be treated.

24—25—26. ANALYTICAL GEOMETRY AND CALCULUS. Fall, winter and spring terms. Daily at 9:40. Prerequisite, 14. Credit, 5 hrs. each term. In these courses, extending throughout the year, the text by Wood and Bailey will be completed.

27—28—29. DIFFERENTIAL EQUATIONS AND ANALYTICAL MECHANICS. Fall, winter and spring terms. Daily at 2:10. Prerequisite, 26. Credit, 5 hrs. each. Murray's text on differential equations is used and either Jean's Mechanics or a text of equal grade.

1f—2w—3s. DESCRIPTIVE ASTRONOMY. Fall, winter and spring terms. Tuesday and Thursday, at 7:50. For college students. Credit, 2 hrs. each.

Other courses in advanced mathematics will be given on sufficient demand.

Students who expect to study engineering are advised to take at least one year of chemistry, two years of physics and two years of mathematics.

PHILOSOPHY

DOCTOR GREENE AND PROFESSOR FRUIT

4. INTRODUCTION TO PHILOSOPHY. Professor Fruit. Fall term. M., T., W., Th., at 1:15. Prerequisite, Edu. 11. Credit, 4 hrs. This course is designed to give the beginner a perspective of what philosophy is about and how it may help him.

6. HISTORY OF PHILOSOPHY. Professor Fruit. Winter term. M., T., W., Th., at 1:15. Prerequisite, Edu. 11. Credit, 4 hrs.

3. LOGIC. Professor Fruit. Spring term. M., T., W., Th., at 1:15. Prerequisite, psychology. Credit, 4 hrs. This is an elementary course in the study of the aims and methods of thinking.

22--23. PRACTICAL ETHICS. Dr. Greene. Fall and spring terms. M. at 11:00 and F., at 1:15. Required of Freshmen.

PHYSICAL EDUCATION

PROFESSOR BOWLES AND ASSISTANTS

1—2—3. PHYSICAL EDUCATION—PRACTICAL. Fall, winter and spring terms.

At 10:35, 2:10, 3:05, and 4:00. One hour each period three times a week. Required of all freshmen and sophomores. Elective for juniors and seniors. Credit, one-half hour per term.

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

PHYSICAL EDUCATION 1. Fall term. Classes in the following forms of exercise will be organized: basketball, tennis, handball, medicineball, soccer, track, and football, at the hours given above.

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

PHYSICAL EDUCATION 3. Spring term. Basketball, tennis, hand ball, medicine ball, soccer and baseball—see hours named above.

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

Students claiming physical disability must present a statement, signed by a physician designated by the director of athletics, giving reasons for his claim.

A student will not be graduated without fulfilling the requirement in athletics unless he is excused by the athletic director.

Students absent from classes in athletics will receive negative credit at the rate of one hour (1) for twenty-four absences. In the case of sickness opportunity will be given to make up absences.

In compliance with suggestions from the United States Health Service the Athletic Committee will make provision for a series of lectures to be given each term upon subjects pertaining to sanitation and hygiene. All college students will be required to attend these lectures.

PHYSICS

PROFESSOR DAVIS AND ASSISTANTS

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

1—2—3. GENERAL PHYSICS. Fall, winter, and spring terms. Lectures T., Th., at 10:35. Two laboratory periods per week. For freshmen. Credit, 4 hrs. per term. Students offering physics for entrance as well as those who are taking the subject for the first time will be enrolled in this class. The equivalent of 1, 2, and 3 is required of all students entering medical or engineering schools, elective by all others. Students offering physics for entrance may enter physics 2 without physics 1.

4. MECHANICS. Fall term. Lectures M., W., F., at 10:35. Two laboratory periods per week. For sophomores. Prerequisite, 3 and Math. 13. Credit, 5 hrs. Courses 4, 5, and 6 comprise the second year of general physics. Discussion of force, machines, liquids and gases.

5. HEAT, LIGHT, AND SOUND. Winter term. Lectures, M., W., F., at 10:35. Two laboratory periods per week. For sophomores. Credit, 5 hrs. Prerequisites, 3 and Math. 13. This course is founded on the theory of the transmission of energy by wave motion.

6. ELECTRICITY. Spring term. Lectures, M., W., F., at 10:35. Two laboratory periods per week. Prerequisite, 3 and Math. 13. For sophomores. Credit, 5 hrs. Text: Physics for Technical Students—Anderson. This deals with the elements of electricity and magnetism and is a prerequisite to 10 and 11. 4, 5 and 6 are required of all engineering students. 4 and 6, are required for entrance to some medical schools.

7. INTRODUCTION TO ELECTRON THEORY. Fall term. Lectures, M., W., F., at 8:45. Two laboratory periods per week or their equivalent in reading in the

library. Prerequisites, 5 and 6. For juniors and seniors. Credit, 5 hrs. Ionization by X-ray and radio-active substances and an introduction to the principles of wireless telegraphy.

9. HEAT AND LIGHT. Winter term. Lectures, conferences and laboratory daily at 8:45. Prerequisite, 5. For juniors and seniors. Credit, 5 hrs. A general discussion of the transmission of energy by wave motion and an introduction to spectrum analysis.

*10. DIRECT CURRENT ELECTRICITY. Fall term. Lectures, conferences and laboratory, daily at 8:45. Prerequisites, 6 and Math. 26. Credit, 5 hrs. Direct current machinery including dynamos, motors, coils, and batteries, as well as the distribution and use of the current will be discussed.

*11. ALTERNATING CURRENTS. Winter term. Lectures, conferences, and laboratory, daily at 8:45. Prerequisite, 10. Credit, 5 hrs. Theory and practice in the generation, transmission, and use of the alternating current.

12. SURVEYING. Spring term at 2:10. Prerequisites, 3 and Math. 13. Credit, 5 hrs. Text: Surveying Manual—Ives. 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.

In so far as possible all laboratory periods will be arranged for 2:10 to 4:00 o'clock.

Men preparing for engineering should take all the courses in physics and at least one year in chemistry and mathematics thru differential equations.

Men preparing for medical college should consult the catalog of the school which they expect to enter for entrance requirements, but in no case is the entrance requirement in physics less than one year and in some colleges it is two years.

*10 and 11 not given in 1922-'23.

POLITICAL SCIENCE

PROFESSOR MACKINNEY

9. INTRODUCTION TO POLITICAL SCIENCE. Fall term. T., W., Th., F., 8:45. For sophomores. Credit, 4 hrs. By lectures and library reading on the principal European governments, the principles and theories of government are presented. A special study and term paper thereon is required of each student.

2. AMERICAN NATIONAL GOVERNMENT. Winter term. T., W., Th., F., 8:45. Prerequisite, Political Science 9. Credit, 4 hrs. Text: American Government—Beard. The development, present workings, faults and reforms of our national government are studied by class discussion, lectures and library readings with the preparation of individual papers.

7. AMERICAN LOCAL GOVERNMENT. Spring term. T., W., Th., F., 8:45. Prerequisite, Political Science 2. Credit, 4 hrs. Text: Government of American Cities—Munro. This course supplements course 2, and is carried out similarly. Special emphasis is placed on individual study of some one state and city government.

SOCIAL SCIENCE

PROFESSOR WEYAND

Nine courses constitute a major and six a minor.

31. INTRODUCTION TO SOCIOLOGY. Fall term. T., W., Th., F., at 9:40. For sophomores. Credit 4, hrs. Text: Introduction to the Science of Sociology—Park and Burgess. A study will be made of the origin, development and structure of society, its ways of functioning in the past as well as present tendencies.

4. SOCIAL PSYCHOLOGY. Winter term. T., W., Th., F., at 9:40. For sophomores. Credit, 4 hrs. The relation of the instincts to human behavior, the place of attention and suggestion in life and the influence of the mob and the public will be considered.

32. SOCIAL PATHOLOGY. Spring term. T., W., Th., F., at 9:40. Prerequisites, courses 31 and 4. A study will be made of the diseases of society, their causes, preventives and the proposed remedies.

37. INTRODUCTION TO ECONOMICS. Fall term. T., W., Th., F., at 7:50. For sophomores. Credit, 4 hrs. Text: Principles of Economics—Taussig. 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 processes.

37a. INTRODUCTION TO ECONOMICS CONTINUED. Winter term. T., W., Th., F., at 7:50. Prerequisite 37. Credit, 4 hrs.

38. LABOR PROBLEMS. Spring term. T., W., Th., F., at 7:50. Prerequisites, courses 37 and 37a. Credit, 4 hrs. A study of the development of a "working class" the philosophy of individualism and Laissez Faire, growth of machine production, combinations of capital and labor, relation of labor to law and government.

34. THE FAMILY. Fall term. M., T., W., Th., at 1:15. Prerequisites, courses 31 and 4. Credit, 4 hrs. A genetic study will be made of the family. Attention will be given to the effect of modern conditions and movements upon the institution.

39. SOCIALISM. Spring term. T., W., Th., F., at 1:15. Prerequisite, course 37a. Credit, 4 hrs. History, philosophy, and platforms of the party; extra-party socialistic views and loyalties. Influence of the movement on politics and government.

35a. RACE PSYCHOLOGY. Winter term. M., T., W., Th., at 1:15. Prerequisites, courses 31 and 4. Credit, 4 hrs. A study of the ethnological, physiological and psychological racial differences of the concepts, isolation, assimilation, amalgamation, nationality, race-pride and race-prejudice.

COMMERCIAL GEOGRAPHY 1—2. Fall and winter terms at 8:45. For college students. Credit, 3 hrs. each.

ECONOMIC HISTORY 1. Spring term at 8:45. For college students. Credit, 3 hrs.

The courses in commercial geography and economic history are intended primarily for students expecting to study finance and commerce.

Where no text is stated none will be used, but an extensive use will be made of reference works.

SPANISH

PROFESSOR BYRNS AND MR. -----

The following six courses in Spanish form a minor.

1—2. ELEMENTARY SPANISH. Fall and winter terms. M., T., W., Th., at 1:15 and at 9:40. Credit, 4 hrs each. Grammar composition and conversation. Text: Elementos De Espanol—Lacalle.

3. COMPOSITION. Spring term. M., T., W., Th., at 1:15. Prerequisite, 2. Credit, 4 hrs. Conversation and composition. Texts: Elementos de Espanol—Lacalle; Spoken Spanish—Broomhall.

4—5—6. SECOND YEAR SPANISH. Fall, winter, and spring terms. T., W., Th., F., at 10:35. Prerequisite, 3. Credit, 4 hrs. each. Review of grammar with abundant practice in composition in connection with the reading of Spanish texts. The last term is devoted especially to the reading and interpretation of modern Spanish literature with some composition. Texts: Elementos—Lacalle or Spanish Grammar—Gordon, Spanish Prose Book—Wilkins, Flores de Espana, Spanish Composition and Conversation—Espinosa, Part II, La Hermana San Sulpicio, La Barraca, Dona Perfecta, Electra, La Vida Es Sueno.

STUDENT ACTIVITIES

Y. M. C. A.—A Young Men's Christian Association is supported by the students and is a very important factor in the college life.

The JUDSON-PECK SOCIETY is an organization of the faculty and students for doing mission work in connection with the Baptist churches of Kansas City and vicinity and to assist ministerial students in the solution of their individual problems.

THE COOPERATIVE ASSOCIATION enables students to procure school supplies at low prices. The earnings of this store are used for the improvement of the campus.

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, glee club, orchestra and quartet are organized each year.

THE KHEM CLUB is an organization of advanced students in chemistry.

LITERARY SOCIETIES—The Philomathic and Excelsior literary societies meet each week for debate and oratory. Five intercollegiate debates were held during the year 1921-22. These societies are open to all college students.

THE KEATS CLUB is an organization for the study and discussion of literature.

THE ALUMNI ASSOCIATION

Headquarters: Liberty, Missouri

President: Harrison W. Williams, St. Joseph, Mo.

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

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.

Arrangements have been made whereby a committee consisting of members of the alumni, faculty and trustees are to meet at least once a year to discuss college problems.

DEGREES CONFERRED MAY 26, 1921

BACHELOR OF ARTS

Adkins, Irene Irwin, Liberty.	Meador, John William, Liberty.
Baldus, Fred, Independence.	Nabors, James Thomas, James, Texas.
Brown, Charles Edward, Kansas City.	Newman, Irwin Miller, Edgerton.
Conway, Lucile Lee, Liberty.	Nieman, Allen Ross, Magnolia, Iowa.
Cowin, Cleon Clement, East St. Louis, Illinois.	Pollard, Cash Blair, Hannibal.
Craghead, Carl Faubion, Liberty.	Porter, Roy Wilford, Liberty.
Dillingham, George S., Warrensburg.	Ragar, Earl Leon, Philadelphia.
Eby, Herbert, Holt.	Ramsbottom, Ray, Breckenridge.
Edmonds, Virgil Vespasian, Miami.	Rousseau, Georges Jean, Le Guilly, France.
Fisher, Charles Orin, Wellsville, Kansas.	Shacklette, Benjamin Martin, Buie's Creek, North Carolina.
Gittinger, Jesse Norman, Liberty.	Stannard, Ely Martin, Purdin.
Gwatkin, William Emmett Jr., Macon.	Takahashi, Sekiharu, Chicago, Illinois.
Hardin, James Roy, Dalton, Nebraska.	Vineyard, Jerry Julian, Miltonvale, Kansas.
Johnson, George Summers, Monticello.	Warren, Henry Llewellyn, Palestine, Texas.
Jones, Oliver Parry, Lee's Summit.	White, Fred, Liberty.
Love, William Lawrence, Liberty.	Whitesell, Faris Daniel, W. Terre Haute, Indiana.
McClintic, William Wallace, Pasadena, California.	
Maher, Ada Dell, Liberty.	
Martin, Drexel Harlan, Philadelphia.	

STUDENTS OF 1921-22

GRADUATE

Cruzen, Mary Natalie, Liberty.

SENIOR CLASS

Andrews, Ernest Galen, Liberty	*Byler, Robert Harris, Prarie Home.
*Appleby, David Percy, Springfield.	*Clause, Harry Paul, Akron, Ohio.
*Boyd, Charles, Cecil, Springfield.	Conway, Lucile Lee, Liberty.

Dow, John Renau, Liberty.
 Elstein, Mordechai Abraham, Kansas City.
 Fardon, Edgar Howard, Kansas City.
 Fariss, Charles Delbert, Terre Haute, Indiana.
 Gill, Everett, Jr. Kansas City.
 Guemple, Frank, Kansas City.
 Gwyn, Thomas Jackson, Kennett.
 *Hargrave, Charles Calvin, Liberty.
 Jones, Oliver Parry, Lee's Summit.
 *Judson, Russell Fairfax, Gallatin.
 Lamkin, Mary Binks, Liberty.
 McComas, Milburn Pembroke, Liberty.
 *McPike, Marion Jefferson, Palmyra.
 Miller, Roger Stone, Chillicothe.

Morris, Frank Holland, Liberty.
 Moss, Thelma, Liberty.
 *Noyes, Herman Lloyd, Liberty.
 *Settle, Raymond W., Liberty.
 *Smelser, Newton Nathaniel, Kansas City, Kansas.
 *Smith, Ralph M. G., Liberty.
 *Smith, Romans, Richmond.
 Smith, Mrs. Romans, Richmond.
 *Smith, Stanley Eugene, Mahomet, Illinois.
 *Snethen, Robert Emerson, Bluffton.
 Todd, John Broadus, Tulsa, Oklahoma.
 *Wilcox, David B., Ashland.
 Wright, Arthur Pruitt, Pawhuska, Oklahoma.

JUNIOR CLASS

Bagby, Walter James, New Haven.
 *Billingsley, Edna Leona, Savannah.
 *Burke, Raleigh Ray, Liberty.
 Cole, Anson Dean, Jr., St. Joseph.
 Cone, William Henry, Campbell.
 *Conway, Edward Mack, Liberty.
 Copeland, Lloyd L., Ellington.
 Creek, Alice Miller, Liberty.
 *Davis, John Albert, East St. Louis, Illinois.
 Emmons, Payton Ashby, Mexico.
 Farrar, Samuel Fred, Jr., Braymer.
 Ferris, Ross Dudley, Mexico.
 *Franklin, John Shade, Hamburg, Iowa.
 Gore, Granville D., Independence.
 Graves, John Laffayette, Jefferson City.
 Haley, Jesse Robert, Brookfield.
 Hamacher, Milton Scholl, Richmond.
 Handley, Roy Russell, Higginsville.
 Hayes, Ora Dorothy, Liberty.
 Hoover, Chester Turner, Brookfield.
 Isbell, Robert Nevill, Houston, Texas.
 *Jones, Bert Ferris, Garden City.
 Jones, Jenner Garnett, St. Joseph.
 Leedy, Kathleen, Liberty.
 Love, Franklin Heir, Liberty.
 McDonald, William Ernest, Brunswick.

*Manis, Lloyd Powell, Warrensburg.
 Manlove, John Allen, Brookfield.
 *Manwarring, Edward Henry, Liberty.
 *Maupin, James Clifton, Liberty.
 Meador, Rosemary, Liberty.
 *Morgan, William Lucien, Independence.
 *Morris, Jesse Floyd, New Bloomfield.
 Morrow, Raymond Withers, Liberty.
 *Mulvania, Mitchell Delbert, Phelps City.
 Newman, Harris Reynolds, Excelsior Springs.
 *Pitney, Walter Coleman, Yates.
 Reed, Madeline Eola, Liberty.
 Reed, Marjorie, Liberty.
 *Rice, Herman Chester, St. Louis.
 Servier, Hazel Madeline, Liberty.
 Shoemaker, Raymond A., Liberty.
 Shoemaker, Mrs. Raymond A., Liberty.
 Shrewsbury, Charles Leslie, Kansas City.
 *Sloan, Harry Bryan, Liberty.
 *Storer, Charles Russell, Mercer.
 Street, Morris Benjamin, Albany.
 Swinney, Mathew Lee, Liberty.
 Tapp, Kathryn, Chandler.
 Trimble, Grace, Liberty.

Truex, Aubrey Palmer, Mt. Vernon,
Illinois.

*Webb, William Ward, Ozark.
White, Maurice A., Kansas City.

SOPHOMORE CLASS

Ausman, George Addison, Cainsville.
*Barbee, Claras Folsom, Linneus.
Barton, George Cecil, Liberty.
Bennett, Basil Richardson, Forest City.
Bennett, John William, St. Joseph.
Billingsley, Wendell Lloyd, Savannah.
Birkhead, Joseph Bailey, El Dorado
Springs.

Blampied, Cecil Cline, Kansas City.

*Bradfield, Mabel Ruth, Liberty.

*Brand, Mrs. Eva, Liberty.

Bywaters, Albert Victor, Camden
Point.

Bywaters, David William, Camden
Point.

Canaday, Emmett John, Carrollton.

*Cloonan, Clifford Brokaw, St. Joseph.
Cogswell, John Eldredge, Indepen-
dence.

Cone, David Albert, Hemple.

Cook, Ralph Clifton, Hemple.

Davis, Mrs. Lewis A., Liberty.

Dawson, Hugh Edward, Liberty.

Dow, Ernestine, Liberty.

Eby, Donald J., Holt.

Edwards, Rider Clark, Liberty.

Erwin, John Wesley, Macon.

Eubank, Dillard Marion, Independence.

Funkhouser, Robert George, Liberty.

Gill, Lelia Kathryn, Liberty.

*Hamrick, Earl Jasper, Hillsboro.

Hargardine, Samuel Emmett, Brook-
field.

Harvey, Lashley Gray, California, Mo.

*Higgins, Ora Eldon, Monett.

Hill, William Dorsey, Liberty.

Hirst, Leland Bayne, Alliance, Neb-
raska.

Howard, Harry Nickolas, Excelsior
Springs.

Hunt, Arthur Bradford, Liberty.

Hurt, Daniel J., Excelsior Springs.

Joyce, Arch Creed, Raytown.

Juden, Edward Virgil, Caruthersville.

Kennedy, Kirk Randall, Kearney.

King, Charles Arthur, Liberty.

*Kruer, Arthur Charles, St. Louis.

Kunz, Adolph H., Leavenworth, Kan-
sas.

*Lewellen, Russell Roscoe, De Witt.

Loggins, George Etheldred, West Col-
umbia, Texas.

Love, James Everett, Richmond.

*Luedecke, Frederick Christopher, St.
Louis.

*McIntire, Carl Alfred, Kansas City.

McKissick, Ralph Waldo, Liberty.

Major, Eleanor Huppert, Kearney.

Marshall, Thomas Edward, Ada, Okla-
homa.

*Mathes, Frank Shelton, Kearney.

*Moran, Lee John, Liberty.

Moser, Karl Jones, Dawn.

*Myers, James Earl, Utica.

Parvin, Julian Aldean, Avondale.

Phillips, Earl Lazell, Trenton.

Porter, Joseph Edward, Milan.

Rogers, Herbert Preston, Lathrop.

Rolston, Joseph Shelby, Jr., Burling-
ton, Kansas.

*Royce, William Oliver, Adrain.

*Schuman, Verne Brinson, Rolla.

Simon, Kenneth Carl, Kansas City.

*Smith, John D., Liberty.

Spencer, Ruth Elizabeth, Hannibal.

Street, James Alvin, Sturgeon.

White, Harold Ferdinand, Chillicothe

Wisdom, Francis Congrave, St. Cath-
erine.

Wood, C. C., Kansas City.

Woodson, Richard Kidder, Liberty.

FRESHMAN CLASS

- *Anderson, Arvel Franklin, Liberty.
 *Arnold, Lois Belle, Liberty.
 Ashbrook, Eugene, Carrollton.
 Baker, Kenneth Douglas, Liberty.
 Baldwin, Russell Price, Liberty.
 Barnes, Alma Micheal, Kingsville.
 Barnes, Mrs. Gerald B., Liberty.
 Barr, Lawrence Hubert, Excelsior Springs.
 Bartholomew, Jess Myron, Rock Port.
 *Beck, Ivan F. M., St. Louis.
 Bentley, William Fristoe, Glasgow.
 Birkhead, Rebecca Sue, El Dorado Springs.
 *Bittiker, Charles Virgil, Liberty.
 Boatwright, John Wilbur, Lancaster, Kansas.
 Booth, Lovine B., Brookfield.
 Bramhall, Bernice, Ironton.
 Brawner, Karl Melton, Holt.
 Broadus, Wayne Reed, Chillicothe.
 *Brown, Loyal Elmer, Liberty.
 Brown, Millard, Milan.
 Burton, Charles Miller, Moberly.
 Church, Carryl Andrews, Liberty.
 Church, James Mason, Liberty.
 Church, Mrs. Mary Andrews, Liberty.
 Clark, Galen Eugene, Carl Junction.
 *Coffman, Harold Gordon, Avondale.
 Cook, Joseph Cornelius, Versailles.
 Craig, Owen William D. St. Joseph.
 Craven, Frewin Lester, Kearney.
 Creek, Paul, Liberty.
 Crowley, Crispin, Richmond.
 Cunningham, John Aaron, Caruthersville.
 Cunningham, Robert Johnson, Caruthersville.
 Davis, John Frank, El Paso, Texas.
 *Davis, Ralph Wayne, Oak Grove.
 Dawson, Wallace McKee, Gregory Landing.
 De Moss, William Reede, Liberty.
 Doudna, George Norton, Lee's Summit.
 Dyer, Dorris Lee, Blackwell, Oklahoma.
 Dysart, George Warren, Higginsville.
 Elliott, Jessup Wade, Grayson.
 Enloe, Lauren Henry, El Dorado Springs.
 Eubank, Ambrose Davis, Independence.
 Everett, Gordon Stanford, Lamar, Colorado.
 Finney, Lamine, New Bloomfield.
 Fischer, John William, Gilliam.
 Fitch, Lee Magill, Richmond.
 Foster, Luther Adolphus, Livonia.
 Foster, William Irvin, Livonia.
 Franklin, Richard Beal, Hamburg, Iowa.
 Froman, Marshall Irene, Liberty.
 Garbner, Ida Eudora, Liberty.
 Gill, Mary Francis, Liberty.
 Gittinger, James Alton, Liberty.
 Gordon, Paul Glenn, Kansas City.
 *Griffin, Clayborne Samuel, Mexico.
 Grizzell, Thomas Newton, Salisbury.
 Hall, Howard Edward, Lamar, Colorado.
 Hall, James Roger, Pickering.
 Hall, Lucile, Liberty.
 Hayes, Agnes, Liberty.
 †Hayes, Earl E., Lee's Summit.
 Henry, Jack Downing, Liberty.
 *Hensley, Clarence Wilson, St. Joseph.
 Hill, Robert Andrew, Liberty.
 Hogan, Cecil Jerome, Norborne.
 Hogan, Wilbur Clifton, Kansas City.
 Holbert, Fernando Allen, Ewing.
 *Holland, Irineus Continho, Rio de Janeiro, Brazil.
 Howarth, Dana Church, Atchison, Kansas.
 Hughson, Robert Harold, Hamilton.
 Ingle, Arpha, Jr., Salina, Kansas.
 Jennings, Charles A., Kearney.
 Johnson, Frank Sidney, Atchison, Kansas.
 Joy, Denton, Richmond.
 Judd, Raymond Edwin, Carthage.
 Justus, Ernest Milton, Trenton.
 *Kenney, Charles Larkin, Leeton.

- Keohane, Robert Emmet, Hamilton.
 Kidd, Bonner Ray, Little Rock, Arkansas.
 Kiely, James Leo, California, Mo.
 King, Dudley Timothy, Houston, Texas.
 King, John Jewell, Princeton.
 *Lessly, Stiles, Higbee.
 Logan, Gladys Louise, Kansas City.
 Lowery, William Allen, Blackwell, Oklahoma.
 McCommas, James Clyde, Holt.
 McGrath, Roy Vaughn, Mountain View.
 McKenry, William John, Gilliam.
 McPike, Zack, Palmyra.
 McQuillin, Louis Emerson, Hamilton.
 Marshall, Robert Orear, Richmond.
 Martin, Arthur James, Kansas City.
 Matsuoka, Koshiro Thomas, Koishikawa-ku, Japan.
 Mayer, Arthur Carlyle, Kansas City.
 *Melton, Ralph T., Kansas City, Kan.
 Moberly, John Henry, Holt.
 Montgomery, Herman Lawrence, Vineta, Oklahoma.
 Moon, Edward Walter, Black Rock, Kentucky.
 *Moore, Fred Paul, Liberty.
 Morrison, John Archibald, Gilliam.
 Moss, Fred Sumner, Anderson.
 Motherspaw, George Caleb, Kansas City.
 Moyer, Alonzo Tarleton, El Dorado Springs.
 Mulvanla, Melvin Allen, Phelps City.
 O' Connor, Earle L., Slater.
 Osborn, Aubrey Howard, Clifton Hill.
 *Paine, Walter Guy, Kansas City.
 Peck, James Paul, Kansas City.
 Pence, Alma, Liberty.
 Perdue, James Ellis, Jefferson City.
 Petree, Louis Grant, Hamilton.
 *Phillips, Margaret Lula, Liberty.
 Piper, Don Carlos, Union Star.
 Pitts, McDowell, Roanoke.
 Prather, George Milstead, Liberty.
 Pyle, Delila Grace, Liberty.
 *Randall, Ulysses Samuel, Liberty.
 Rhodus, Opal, Lawson.
 Roark, Norman J., Tipton.
 *Robb, Jonas Alfred, Liberty.
 Schneider, Arnold, Hamburg, Iowa.
 Sermon, William Henry, Independence.
 Shaw, Temple David, Missouri City.
 Sheets, Don Hila, Nevada.
 Shepherd, William Lee, Pilot Grove.
 Shotwell, William C., Richmond.
 *Sims, John Bryan, Carrollton.
 Siple, Raymond Hamaker, Coffey.
 Smith, Willard Joseph, Corder.
 Snyder, Forrest Linville, Deepwater.
 Souter, Ralph Foster, North Kansas City.
 Stevenson, Charles Marchant, Kansas City.
 Stuart, Henry Bolen, Harrisonville.
 Taylor, Leon Rice, Richmod.
 Tapp, Frances, Chandler.
 Tarrants, Joseph Eugene, Liberty.
 Toolson, Frank Benton, Clark.
 Vanlandingham, Idabelle, Liberty.
 Van Sheetz, Ruth May, Ashland, Pennsylvania.
 Vollmer, John Adolph, Shelbina.
 Wade, Fred Hill, Liberty.
 Welsh, Helen Leslie, Liberty.
 *Westover, Walter Bratton, Brownell, Kansas.
 Williams, Fred J., Gower.
 Williams, Irvin, Sumner.
 Williams, Jarrott Martin, Liberty.
 Williams, Richard John, Farmington.
 Wornall, John Bristow, Kansas City.
 Wright, Earl Raymond, Liberty.
 Zach, Herbert William, Hamburg, Iowa.
 Zutz, Clarence Leroy, Hamburg, Iowa.

SUMMARY OF COLLEGE STUDENTS

Graduate	1	Juniors	53
Seniors	33	Sophomores	68

Freshmen152 Total.....307

RESIDENCES OF COLLEGE STUDENTS

Arkansas.....	1	Kansas.....	8
Brazil.....	1	Missouri.....	271
Colorado.....	2	Nebraska.....	1
Illinois.....	3	Oklahoma.....	6
Indiana.....	1	Ohio.....	1
Iowa.....	5	Pennsylvania.....	1
Japan.....	1	Texas.....	4
Kentucky.....	1		

INDEX

- A. B. degree, 11.
- Administration, 2.
- Allotment of rooms, 6.
- Alumni Association, 32, 33.
- Astronomy, 28.
- Athletic field, 9.
- Athletic requirements, 11.
- Bachelor degree, 11.
- Baptist Historical Society, 10.
- Bible, Courses in, 18, 19.
- Biology, 19, 20.
- Biology fee, 7.
- Board, 6, 7.
- Board and rooms, 6.
- Book Store, 32.
- Buildings, 9, 10.
- Calendar, 2.
- Campus, 9.
- Caution fee, 6.
- Changing classes, 13.
- Chapel, 9.
- Chemistry, 20, 21.
- Chemistry fee, 7.
- Classes, Changing, 13.
- Classification, 13, 14.
- Classification, Previous, 2.
- Co-education, 7.
- Commencement, 3.
- Committees, 3.
- Conditioned freshmen, 11.
- Co-operative Association, 32.
- Correspondence, 13.
- Courses, Changing, 13.
- Credit, Deficient, 14.
- Credit, Extra, 14.
- Credit, Normal, 14.
- Deficient units, 11.
- Degrees, 11.
- Degrees, Conferred 1921, 33.
- Degrees, Requirements for, 13.
- Dormitory, Rooms in, 6.
- Education, 21, 23.
- English, 22, 23, 24.
- Entrance examinations, 11.
- Entrance requirements, 11.
- Examinations, 14.
- Examinations for entrance, 11.
- Extra credit, 14.
- Faculty, 4.
- Fees, General, 6, 7.
- Fee, Caution, 6.
- Fees, Extra, 7.
- Fees, Laboratory, 7.
- Fee for late enrollment, 7.
- Fees, Ministerial students, 6.
- Fees, Regulation of, 6.
- Fees (tuition reduced), 8.
- Field, Athletic, 9.
- Fitch prize, 8.
- French, 24.
- Freshman, Conditioned, 11.
- Freshmen requirements, 11.
- Geology, 24.
- German, 25.
- Glee Club, 32.
- Grading, 14.
- Graduation, 11.
- Graphics, 25.
- Graphics fee, 7.
- Greek, 26.
- Gymnasium, 9.
- Hearne medal, 8.
- High School, William Jewell, 11.
- High School, Work from, 11.
- History, 26.
- History of College, 4.
- Hours, Maximum, 13.
- Incomplete work, 13.
- Jewell Hall, 10.
- Judson-Peck Society, 32.
- Keats Club, 32.
- Khem Club, 32.
- Laboratory fees, 7.
- Latin, 26, 27.
- Library, 10.
- Literary Societies, 32.
- Location, 2.
- Majors and Minors, 11, 12.
- Majors and Minors, Table of, 17.
- Marston Scholarship, 8.

- Marston Science Hall, 10.
Mathematics, 27, 28.
Maximum hours of work permitted, 13.
Maximum credit in one department, 12.
Medal, Hearne, 8.
Medals, 8.
Minors, 12.
Musical organizations, 32.
New Ely Hall, 10.
Negative credit, 14.
New students, 2.
Orchestra, 32.
Order, 9.
Old Ely Hall, 10.
Philosophy, 28.
Physical education, 28, 29.
Physics, 29, 30.
Point system, 14.
Political science, 30.
Pre-Professional Courses, 12.
Prize, Fitch, 8.
Prizes, General, 8.
Religious education, 19.
Requirement, Athletic, 11.
Requirements for entrance, 11.
Requirements for freshmen, 11.
Requirements for graduation, 11.
Room Rent, 7.
Rooms, 6.
Rooms not in dormitory, 6.
Science Hall, Marston, 12.
Schedule, 15, 16.
Scholarship, Marston, 8.
Scholarships, Campbell-Sellers, 8.
Scholarship, Elliot, 8.
Scholarship, Church-Gilliam, 8.
Social science, 31.
Spanish, 32.
Special students, 13.
Spurgeon collection, 10.
Standing committees, 3.
Student activity fee, 7.
Students, List of, 33, 34, 35, 36, 37.
Students, Special, 13.
Student, The William Jewell, 32.
Summaries, 37, 38.
Tatler, 32.
Transcript of grades, 7.
Trustees, 2.
Tuition fees, General, 6, 7.
Tuition, fees, Reduced, 8.
Units, Deficient, 11.
Units for entrance, definition of, 11.
William Jewell High School, 11.
William Jewell Student, 32.
Withdrawal from college, 6.
Women, Admission of, 7.
Work in absentia, 13.
Work incomplete, 13.
Y. M. C. A., 32.
Zoology, 19.