

BULLETIN OF WILLIAM JEWELL COLLEGE

(Founded 1849)

LIBERTY, MISSOURI

SERIES 20, APRIL 15, 1923. NUMBER 10

ANNOUNCEMENTS FOR THE YEAR
1923-1924

CATALOG EDITION

Fall Term Opens September 1.

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 at Special rate of postage provided for in Section 1103, Act of October 3, 1917, authorized on July 2, 1918.



John Priest Greene, A.M., D.D., LL.D.

President of William Jewell College from June 1, 1892 to January 1, 1920
and from July 1, 1921 to July 1, 1923.



Jewell Hall



Marston Science Hall

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W. J. C. CALENDAR '23-'24

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

DECEMBER							JANUARY							FEBRUARY						
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9	10	11	12	13	14	15	13	14	15	16	17	18	19	10	11	12	13	14	15	16
16	17	18	19	20	21	22	20	21	22	23	24	25	26	17	18	19	20	21	22	23
23 30	24 31	25	26	27	28	29	27	28	29	30	31			24	25	26	27	28	29	

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

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.
 J. C. James, Kansas City.

F. P. Neal, Kansas City, Vice-President.
 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.
 L. M. Proctor, Independence.
 W. W. Martin, Doniphan.
 L. M. Hale, St. Louis.

ADMINISTRATION

H. C. Wayman, President.
 Joe P. Jacobs, Treasurer and Financial Secretary
 R. R. Fleet, Dean of Arts and Sciences.
 J. C. Armstrong, 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, and 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 1923-1924

FALL TERM opens Saturday, September 1, 1923.
 Classification, Saturday and Monday, September 1 and 3.
 Class work begins Tuesday, September 4.
 Reception to new students, Tuesday evening.

Sophomore and Freshman contest, Wednesday, September 5.

Examinations, November 26, 27, 28.

Fall term ends Wednesday, November 28, 1923.

WINTER TERM begins Friday, November 30, 1923.

Classification, Friday and Saturday, November 30 and December 1.

Class work begins Monday, December 3.

Christmas recess begins December 14, 4 p. m.

Work resumed Wednesday, January 2, 1924, 7.50 a. m.

Examinations, Wednesday, Thursday and Friday, March 5, 6, 7.

Winter term ends Friday, March 7.

SPRING TERM begins Saturday, March 8, 1924.

Classification previous to Saturday, March 8.

Class work begins Monday, March 10, 7.50 a. m.

Examinations, Monday, Tuesday and Wednesday, May 26, 27, 28.

Spring term ends Wednesday, May 28, 1924.

Commencement, Wednesday and Thursday, May 28, 29,

Meeting of Missouri Baptist Historical Society, Thursday, May 29.

STANDING COMMITTEES OF THE FACULTY

Athletics: Professors Davis and Bowles.

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

Chapel Attendance: Professors Coon and White.

Chapel Exercises: Professor Smith and Professor of Bible.

Entrance Committee: Professor Baskett.

Faculty Advisors of Student Council: Professors Fruit and Weyand.

Fraternalities: Professors Coon, Davis and Baskett.

Religious Activities: Professor of Bible.

Student Publications: Professors Coon and Harvey.

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

FACULTY

1923-1924

HARRY CLIFFORD WAYMAN, A. M., Th. D., D. Litt., D. D., President.

JOHN PRIEST GREENE, A. M., D. D., L. L. D., President Emeritus.

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., (Leipsig).

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.

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.

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

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

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

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

HARRY E. COOPER, Mus. Doc. (Bush Conservatory), Professor of Music.

F. ERDMANN SMITH, A. M., LL. D., Professor of Education.

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

*HAROLD D. CLAYBERG, Ph. D., (Chicago), Professor of Biology.

*E. W. MOUNCE, A. M., (Missouri), Acting Professor of History and Political Science.

J. C. ARMSTRONG, A. M., (William Jewell), Librarian.

----- Professor of Bible and Religious Education.

CLARENCE JEROME ELMORE, Ph. D., (Nebraska), Head of the Departments of Biology and Geology.

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

*Resigned.

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 practical.

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 1887, the Rev. W. Pope Yeaman, D. D. was appointed Chancellor of the College and for two years succeeded in enlarging the endowment.

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

In June 1892, Dr. John Priest Greene, pastor of the Third Baptist Church

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

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

On March 29, 1923, the Trustees of the College elected as President, Dr. Harry Clifford Wayman of Louisville, Kentucky. Dr. Wayman was a professor in the Southern Baptist Theological Seminary. He is a scholar of recognized ability and a man of forceful Christian character.

HOW TO ENTER WILLIAM JEWELL COLLEGE

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

Since freshmen, with some exceptions, are required to room and board in the college dormitories, they should select a room early in the summer and reserve it by sending the "Treasurer" \$5.00 as part payment on the rent. The positions and prices of rooms may be found on pages 10 and 11.

In case a student is not a graduate of any approved high school, he should have an official transcript of his credits sent to the Dean and receive from him a statement as to the number of units that will be granted.

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

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

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

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 privi-

lege 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 Faculty to account for his actions.

EXPENSES

The necessary expenses for a student boarding and rooming in the college dormitories are from \$360.00 to \$460.00 per year.

REGULAR FEES

Tuition, per term, payable in advance	\$40.00
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
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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
Education 11 and 13	1.00
Minerology 1	1.00

EXTRA FEE FOR LATE ENROLLMENT

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

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.

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.

THE COLLEGE DORMITORIES

There are two dormitories for men. They are both modern in equipment. The rooms are comfortably and neatly furnished with everything necessary except bed covers, sheets, pillow slips and towels, which are furnished by the occupants. Students are required to keep their own rooms clean and in good order.

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

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 pure-bred cows that are tested annually.

DISCIPLINE

The superintendent of the dormitory and the matron of the dining hall have complete control of the discipline of their respective departments.

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

FRESHMEN ROOM AND BOARD IN DORMITORIES

Freshmen are required to room and board in the college dormitories. Exceptions to this rule will be made in case students live in the community or work

in town for their board or room. Other exceptions may be made at the discretion of the President.

If it should become necessary to dismiss a freshman from the dormitory his future relation to the college will be determined by the Faculty.

ADVANCED STUDENTS

Upper classmen may room and board in the dormitories provided they reserve their rooms not later than May 15 of each year for the next session. This does not mean that upper classmen will be refused admittance to the dormitories at other times if sufficient space is available.

RESERVATION OF ROOMS

A plat of New Ely dormitory will be found on page 10. In order to reserve a room the student must send the "College Treasurer" \$5.00 as part payment of the rent. This fee will be forfeited if the room is not occupied.

COST OF BOARD AND ROOM

Board costs \$60.00 per term of approximately 12 weeks. The cost of room rent depends upon the size and position of the room and the number of students occupying it. The college reserves the right to place at least two students in a room. The chart of prices will indicate the number of students that could occupy a room.

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

BOARD AND ROOM

in private families cost from \$8.00 to \$10.00 per week.

WOMEN

William Jewell College is glad to accept women who desire a standard college education. Young girls of unsettled habits and deficient preparation are not advised to apply for admission.

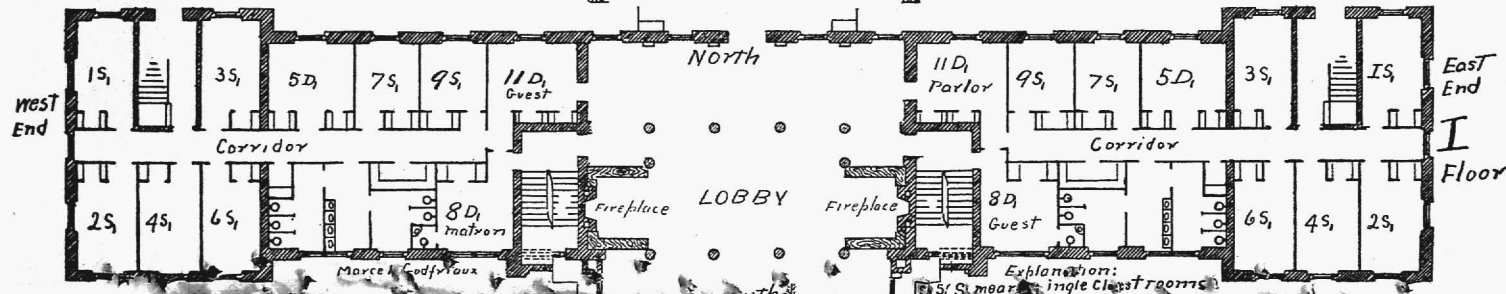
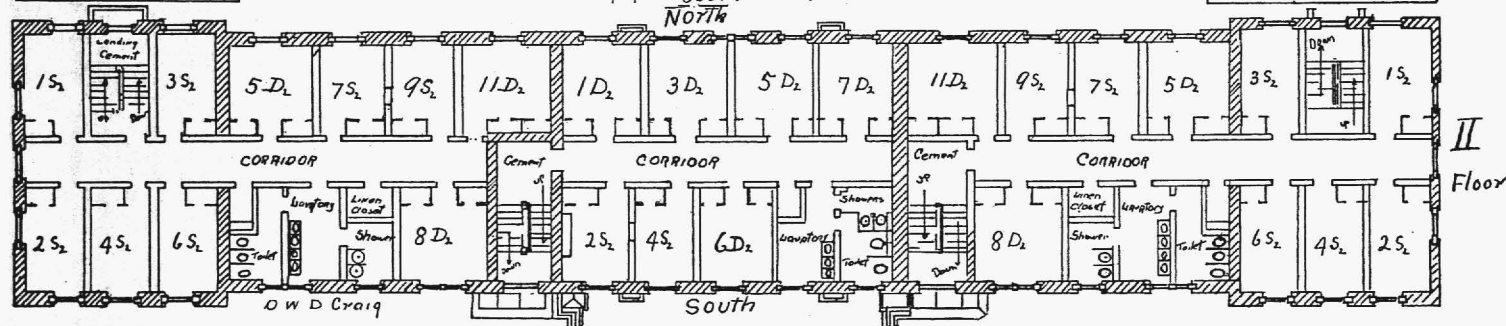
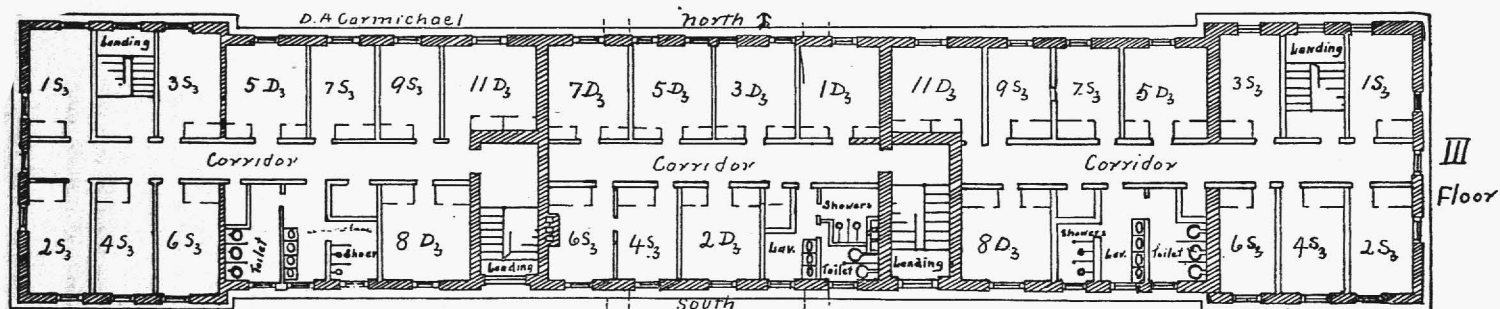
The College devotes itself to the so called solid courses leading to the A. B. degree. The domestic sciences and household arts are not taught. Music, however, both vocal and instrumental can be had under competent private instructors.

By choosing a sufficient number of courses in Education, a student may acquire the usual teachers' certificates. The College encourages students who expect to teach to graduate, and thereby make themselves eligible to hold positions in high schools approved by the North Central Association of Colleges and Secondary Schools.

The College has no adequate means on the campus of caring for the home life of women, except that convenient and comfortable rest rooms are provided.

There are a number of excellent homes in Liberty where board and room can be found at from \$32 to \$40 per month.

A limited number of young ladies may be accommodated in the women's dormitory, a few blocks from the campus, where rooms and board may



Prices For Rooms Per Term For Each Student

Description of Rooms	Price for 1 Student in Room	Price each for 2 Students in a Room	Price each for 3 Students in a Room
South rooms on east and west ends	\$40	\$30	
North rooms on east and west ends	\$38	\$28	
South single closet rooms	\$30	\$20	
North single closet rooms	\$28	\$18	
South double closet rooms		\$30	\$25
North double closet rooms		\$28	\$22
Old Ely-all large rooms. No plat.		\$20	\$16 each for 3 or more

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

be had at reasonable prices.

This home will be supervised by a competent matron. Room and board will cost about \$90.00 per term payable in advance.

The total necessary year's expense in William Jewell for a woman boarding in this dormitory ought not to exceed \$450.00

SOPHOMORE, JUNIOR AND SENIOR SCHOLARSHIPS

The A. R. LEVERING scholarship is awarded to the Sophomore making the most satisfactory record in his freshman year at William Jewell College.

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

The JOHN SILLERS scholarship is awarded to the senior making the most satisfactory record in his junior year.

These scholarships provide full tuition for one year and are awarded to applicants by the Faculty. They do not include 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 pre-

scribed 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.

NON-COMPETITIVE SCHOLARSHIPS

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

Students pursuing any mode of living not conducive to economy or engaging in extravagant habits will not be given scholarships. *Students receiving these scholarships may be required to work one hour per day for the College.*

The R. E. Turner Scholarship is available for a literary student. The following scholarships are open to ministerial students alone. *The W. B. Ballew Scholarship, The W. F. Elliott Scholarship, The Mrs. Mary Elliott Scholarship, The H. W. Gilliam Scholarship, Mildred Ely Montgomery Scholarship, The Thos. F. Melvin and Wife Scholarship, The William M. Senter Scholarship, The Joint Scholarship of William Anderson Crouch, a Baptist Preacher, and Martha Alice Crouch, His Wife.*

There are thirteen scholarships governed by their donors.

WORKING ONE'S WAY

About one hundred William Jewell students work for a part or all of their living expense.

There is need for janitor service, table waiting, carrying papers, house cleaning and various kinds of odd jobs. A good many students work in stores, garages, printing offices and restaurants.

It is generally impossible for the College to secure work for a student unless he comes to Liberty some few weeks before school opens and helps in

finding himself employment.

Students wishing work on the campus or about the college buildings should address "The College Treasurer."

CHOOSING A COLLEGE

The choice of a college is not so important a matter to persons seeking only a general education, as it is to students having definite professional aims in view.

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

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

STANDING OF WILLIAM JEWELL

The latest revised list of colleges and universities approved by the Association of American Universities contains six Missouri institutions of which three are universities and three are colleges. William Jewell has been on this list for ten years.

There are other standardizing agencies, but many of them are still liberal in judging the excellency of a college.

WHY STUDENTS FLUNK

It is estimated that one-third of college freshmen "flunk out" before reaching the sophomore year. This "one-third" can be divided into two classes; first those lacking the mental equipment and intellectual tastes to pursue the kind of work offered by colleges of arts and sciences. Such students should seek the kinds of schools best suited to their talents. The type of mind described above is not confined to lower class men. There are those who learn with great difficulty but possess a determination that finally enables them to graduate, but with low standing in their classes.

The second group of "flunkers" are those having sufficient natural ability

but who are slaves to dilatory habits, lacking sufficient strength of character to bring their minds and morals under control. It is about as difficult for a college to benefit these students as it is to help those of less mental strength.

There are some very dangerous habits into which young men easily drift. One of them is the *reckless use of money*. The spendthrift has a poor chance of succeeding either morally or economically. He often becomes a bold fellow, borrowing money from his companions with no idea of returning it and giving himself up to unearned pleasures. The amount of "pleasure money" a person has a right to spend should depend upon his earning power and "horse sense."

Another bad habit is the association with low-minded, aimless companions. The pool hall and popular street corner are poor schools for high-minded men.

WILLIAM JEWELL HIGH SCHOOL

William Jewell has a high school. It prepares students for our Freshman year. A Bulletin of the high school, giving course of study and other information will be prepared, and any man or student's wife will receive this Bulletin on application.—J. P. GREENE.

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 a quarter-mile cinder track enclosing the football gridiron and the baseball diamond.

A two hundred and twenty yard straight away cinder track wide enough for twelve running abreast is provided. During the present year \$3000.00 have been spent in improving the field. There are also 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 rooms, 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. This building is of modern, fireproof construction, and is valued at about \$225,000. 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 about 200 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 co-operative 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, caused by a lack of specific requirements, may enter college as a conditioned freshman, but these conditions must be removed by the beginning 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 as 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

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, chemistry, physics and biology.
- III. History and political science, the social sciences, philosophy, education, bible and advanced English.

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

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

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.

TABLE OF MAJORS AND THEIR PRESCRIBED MINORS

Prerequisites to Majors	Majors	Cognate Minor	Second Minor	Third Minor
Entrance units	Bible (Must include 3 terms of N. T. Greek)	6 terms of social science	6 terms of Greek	6 terms of one subject or 3 terms each of two subjects from group II.
Entrance units	Biology	6 terms of chemistry or 3 terms of chemistry and 3 terms of physics or math.	6 terms of one foreign language.	6 terms of one subject or 3 terms each of two subjects from group 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	At least 36 hrs. in one subject other than education.	At least 6 terms in one foreign language and 6 terms in one lab. science or three terms each in 2 lab. sciences are required for graduation.	
Entrance units including at least 2 units of Latin	English	8 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 1½ units alg., 1-3sol.geom.	Mathematics	6 terms of physics or second year of physics and 3 terms of some other science.	6 terms of one subject or 3 terms each of two subjects from group III.	6 terms of one foreign language
Entrance units, including 1½ units alg.	Physics	3 terms of mathematics and 8 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.

* A student may take 27 hours of work in education and upon graduation receive a state certificate to teach.

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

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	"	"
Phy. Edu.,	1½	"	"	Physics,	12	"	"
Biology,	12	"	"	Phys. Edu.,	1½	"	"

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.,	1½	"	"	Phys. Edu.,	1½	"	"

PRE-ENGINEERING COURSES

Freshman Year				Sophomore Year			
English,	12	term	hours	Math.,	15	term	hours
Math.,	15	"	"	Physics,	17	"	"
Chem.,	10	"	"	For. Lang.,	12	"	"
For. Lang.,	12	"	"	Graphics,	12	"	"
Phys. Edu.,	1½	"	"	Phys. Edu.,	1½	"	"

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.,	1½	"	"	Phys. Edu.,	1½	"	"

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, except that, by permission of the Dean, a person may take not more than two subjects and not be charged full tuition.

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 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 con-

SCHEDULE FOR 1923-1924

	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. 35a	Jun. and 30	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
8:45	Soc. 37	Soph.	4	Soc. 37 a	37	4	Soc. 38	37	4
	Bible 2	Fr.	4	Bible 3	2	4	Bible 4a	3	4
	Com. Geo. 1	Fr.	4	Com. Geo. 2	1	4	Econ. Hist. 1	Fr.	4
	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
	German 15	3d	4	German 16	15	4	German 17	16	4
	Latin 1 C	2U 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 2U	5	Math. 14	13	5
9:40	Phys. 10a	6, Math. 26	5	Phys. 10	10a	5	Phys. 11	10	5
	Pol. Sci. 9	Soph.	4	Pol. Sci. 2	9	4	Pol. Sci. 7	2	4
	Bible 8	4a	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	Engl. 19	13	2	Edu. 18, 19	13	2 each
	Engl. 30	17	4	Edu. 15	14	4	Engl. 7	5	4
	Engl. 13	17	2	Engl. 5	30	4	Engl. 20	19	4
	Geol. 1	Biol. 23, Chem. 2a	4	Geol. 2	1	4	Min. 1	Chem. 3a	4
	Math. 24	14	5	Math. 25	24	5	Math. 26	25	5
10:35	Soc. 31	Soph.	4	Soc. 4	Soph.	4	Soc. 32	31, 4	4
	Span. 1	Fr.	4	Span. 2	1	4	Span. 3a	2	4
	Phys. 7	3	5	Phys. 9	3	5			
	Bible 1	4a	4	Bible 1a	1	4	Bible 1b	1a	4
	Biol. 27	22	4	Biol. 25	22	4	Biol. 23	23 Chem. 3	4
	Biol. 24	22	4	Biol. 26	25	4	Biol. 29	26, Chem. 3	4
	Chem. 14	8	5	Chem. 15	14	5			
	Engl. 15	Fr.	4	Engl. 16	15	4	Engl. 17	16	4
	French 1	Fr.	4	French 2	1	4	French 3	2	4
	Greek 1d		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		4	Edu. 22	21	4	Edu. 17	15 or 22	4
	Math. 27	26	5	Math. 23	27	5	Math. 29	28	5
	Phys. 1	Fr.	4	Phys. 2	1 or H. S.	4	Phys. 3	2 or H. S.	4
	Phys. 4	3, Math. 13	5	Phys. 5	3, Math. 13	5	Phys. 6	3, math. 13	5
	Phys. 7	6	5						
	Span. 1	3	4	Span. 5	4	4	Span. 6	5	4

St. Louis School will be excused from this prerequisite

SCHEDULE FOR 1923-1924

11:30		CONVOCATION									
		NOON									
		FALL			WINTER			SPRING			
		Courses	Prerequisites	Cr. Hrs.	Courses	Prerequisites	Cr. Hrs.	Courses	Prerequisites	Cr. Hrs.	
1:15		Bible 11a (Gr.)	4a, Gr. 23	4	Bible 12a	11a	4	Bible 13a	12a	4	
		Chem. 7	3a	5	Chem. 8	7	5	Chem. 16	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	5	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. 4	Edu. 11	2	Phil. 6	Edu. 11	4	Soc. 39	37	4	
		Soc. 34	31, 4	4	Soc. 35a	31, 4	4	Philos. 3	Edu. 11	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	
		Music 1	Col. Stu.	2	Music 2	Col. Stu.	2	Music 3	Col. Stu.	2	
2:10		French 7	6	4	French 8	7	4	French 9	8	4	
		Graphics 1a, 2a 3a		2c	Graphics 1a, 2a, 3a		2e	Graphics 1a, 2a, 3a		2e	
		Greek 21	3d	4	Greek 22	21	4	Greek 23	22	4	
		Rel. Edu. 41b	Edu. 13	2	Rel. Edu. 42b	Edu. 13	2	Rel. Edu. 43b	Edu. 13	2	
3:05		Latin 24	23	4	Latin 25	23	4	Physics 12	3, Math. 13	5	
		Latin 26			Latin 26			Latin 26			
4:00		Athletics. Classes also at 10.35, 2:10 and 3:05.									

NOTES: (1) Practical Ethics will recite in the fall and spring terms at 11 a. m. on Monday and 1:15 on Friday. Band Th. at 4:00. $\frac{1}{2}$ hour per term credit. Glee Club T. at 7:00. $\frac{1}{2}$ hour per term credit.

dition 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 S, A, B, C, D 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 D, 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 S will be given 120 per cent of the normal credit; those receiving A will be given 110 per cent of the normal credit. The grade B 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 C and D. The grade S is not given except by the vote of the Faculty. No student will be given an S grade who has fallen below B in any course for the term.

III. In classes of more than 14 students the number of S and A 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.

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

NEGATIVE CREDITS

I. 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.

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

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

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

V. 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 S, A, or B. No points will be given for C grades.

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

BIBLE DEPARTMENT

(SCHOOL OF PRACTICAL CHRISTIANITY)

A major in this department must include 2, 3, 4a, 11a, 12a, 13a, and either 1, 1a, 1b or 8, 9, 10 or 31, 32, 33. A minor is any six of the above courses taken in proper order.

2-3-4a. ENGLISH BIBLE COURSES. Professor Fall, winter and spring terms at 8:45. For freshmen. Credit 4 hrs. each.

The purpose of these courses is to give the student a thorough acquaintance with the Bible itself. The fall and winter terms will be devoted to a study of the English Old Testament and the spring term to the English New Testament.

1-1a-1b. OLD TESTAMENT HISTORY, NEW TESTAMENT HISTORY, HISTORY OF THE BIBLE. Professor Fall, winter and spring terms at 10:35. Prerequisite 4a. Credit, 4 hrs. each. These courses are intended to familiarize the student with Old and New Testament history and the history of the English Bible. The making of the canon and the translations and versions of the Bible are studied,

8-9-10. LIFE OF CHRIST, RECORDS AND LETTERS OF THE APOSTOLIC AGE. Professor Fall, winter and spring terms at 9:40. Prerequisite 4a. After a brief survey of the interbiblical period Bible 8 is devoted to the life and times of Jesus. Some attention is given to questions of harmonization, the interpretation of difficult passages, and the synoptic problem. 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-12a-13a. GREEK NEW TESTAMENT. Professor Fall, winter and spring terms, at 1:15. Prerequisites 4a and Greek 23 (two years of Greek). Credit, 4 hrs. each. In these courses the student is made familiar with the main differences between classical and New Testament Greek. One of the Gospels and one of Paul's epistles are read in Greek. Grammar is studied and translations from English into Greek required.

31-32-33. HISTORY OF CHRISTIANITY. Professor Fall, winter and spring terms at 7:50. Prerequisite, a year in history. Credit, 4 hrs. each. The fall and winter terms are devoted to the history of Christianity from its beginning through the Reformation. The spring term will be devoted to *the history of modern missions* and to the rise and development of modern denominations.

41b, 42b, 43b. RELIGIOUS EDUCATION. Fall, winter and spring terms at 2:10. T. Th. Prerequisite Educ. 13. Credit, 2 hrs. each. For further description see courses listed under Education.

BIOLOGY

PROFESSOR ELMORE

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 will be made 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.

27. EMBRYOLOGY AND HISTOLOGY. Fall term. Lectures M., W., at 10:35. Laboratory 4 hrs. per week. Prerequisite, 22. 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.

25. COMPARATIVE ANATOMY OF VERTEBRATES. Winter term. Lectures T., Th., at 10:35. Laboratory 4 hrs. per week. Prerequisite 22. Credit, 4 hrs. 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.

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.

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.

26. MAMMALIAN ANATOMY. Spring term. Lectures T., Th., at 10:35. Laboratory 4 hrs. per week. Prerequisite, 22. 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.

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 functions of the various organs of the human body and of other representative vertebrates.

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, T., Th. at 1:15. Laboratory M., T., Th. 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 1:15 M., W., F. Laboratory, M., W., F. at 2:10. 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 need 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. M., T., W., Th., 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. M., T., W., Th., at 1:15. Prerequisite, 11. Credit, 4 hours.

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

14. **METHODS OF TEACHING IN HIGH SCHOOL.** The general principles of methods 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 measurements. 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 hours.

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, power of superintendent, principal, teachers, etc. Attention is given to the problem of finance 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.

41b. HISTORY AND PRINCIPLES OF RELIGIOUS EDUCATION. Fall term. Tu., Th. Prerequisite, Educ. 13. Credit, 2 hours.

42b. MATERIAL AND METHODS OF RELIGIOUS EDUCATION. Winter term. T., Th. Prerequisite, Educ. 13. Credit, 2 hours.

43b. ORGANIZATION AND ADMINISTRATION OF RELIGIOUS EDUCATION. Spring term. T., Th. Prerequisite, Educ. 13. Credit, 2 hours.

ENGLISH

PROFESSORS FRUIT AND HARVEY

15. 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—Century Handbook—Greever and Jones, and Vocabulary Builder—Greever and Bachelor. The essentials of prose composition and such writing.

16. 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 methods, 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: Argumentation and Debate—O'Neill, 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 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.

21a. PUBLIC SPEAKING. Professor Harvey. Spring term. Hours and days

to be arranged. Prerequisites, 15, 16. Credit, 4 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. Prerequisite, 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—Hugh 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. Texts: Aspects of the Modern Drama—Chandler. Representative British and American plays critically studied.

35a. AMERICAN LITERATURE. Professor Fruit. Spring term. T., W., Th., F., at 7:50. Prerequisite, 30. For Juniors.

It is intended in this course to catch the spirit and general characteristics of American literature as a derivative of preceding centuries of English literature.

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; Contes et Legendes—Guerber; Voyage de M. Perrichon—Labiche and Martin.

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.

GERMAN

PROFESSOR BASKETT AND ASSOCIATE PROFESSOR BYRNS

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. T., W., Th., F., at 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. T., W., Th., F., 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. M., T., W., Th., 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.

15. COMPOSITION. Fall term. M., T., W., Th., at 8:45. Prerequisite, 3d. Credit, 4 hrs. Oral and written work. Review of grammar.

16-17. SCIENTIFIC GERMAN. Winter and spring terms. T., W., Th., F., at 8:45. Prerequisite, 15. Credit, 4 hrs. each.

Note: Courses 15, 16, 17 are given instead of 1, 2, 4 in 1923-24.

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 historical geology.

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

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 2:10 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 2:10. M., T., W., Th. Credit, 4 hrs. Prerequisite, Graphics 4a. Text: Same as Graphics 4a.

6. DESCRIPTIVE GEOMETRY. Perspective projection, shades and shadows. Spring term at 2:10. M., T., W., Th. Credit, 4 hrs. Prerequisite, Graphics 5. Text: Same as Graphics 4a.

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.

* Not given in 1923-24

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., T., 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., T., F., at 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 MR. WHITE.

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 aspects of the two poets.

21. CICERO, DE AMICITIA, DE SENECTUTE. Fall term, 8:45. Prerequisite, four entrance units of Latin. Credit, 4 hrs. In the fall of 1923 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. LUCRETIVUS. Spring term, 3:05. Prerequisite, 23. Credit, 4 hrs.

*31. HORACE, SATIRES AND EPISTILES. 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 1923-24.

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 thruout the year, the text by Wood and Bailly will be completed.

27—28—29a. DIFFERENTIAL EQUATIONS, ANALYTICAL MECHANICS AND MATHEMATICS OF FINANCE. Fall, winter and spring terms. Daily at 2:10. Prerequisite, 36. Credit, 5 hrs. each. Murray's text on differential equations is used and 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.

MUSIC

PROFESSOR COOPER

1, 2, 3. MUSIC APPRECIATION. Fall, winter and spring terms. T., Th. at 1:15. For college students. Credit, 2 hrs. per term. A lecture course designed to enable the student to appreciate all forms of good music. A brief survey of the history of the art is made, and a number of great masterpieces are analyzed and studied.

4, 5, 6. MEN'S GLEE CLUB. Fall, winter and spring terms. Tuesday evening at 7:00. For college students. Credit, one-half hour per term. Enrollment subject to approval of director. The club makes two extended tours annually and gives a number of local concerts.

7, 8, 9. BAND. Fall, winter and spring terms. Th. at 4:00. For college Students. Credit, one-half hour per term. Enrollment subject to approval of director. The college band furnishes music for athletic events and other college activities.

PRIVATE INSTRUCTION in vocal and instrumental music may be had at the College under competent teachers. The proximity of Liberty to Kansas City makes it possible for William Jewell students to avail themselves of exceptional opportunities in the study of music.

PHILOSOPHY

PROFESSOR FRUIT

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

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

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. Fall and spring terms. M. at 11:00 and F., at 1:15.

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, medicineball, soccer, gymnastics, indoor baseball, track, and basketball will be given at the hours designated above.

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

All students in the freshman and sophomore classes are required to spend at least three 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 requirements 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.

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, 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 9:40. Two laboratory periods per week or their equivalent in reading in the library. Prerequisites, 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 9:40. Prerequisite, 5. For juniors and seniors Credit, 5 hrs. A general discussion of the transmission of energy by wave motion and an introduction to spectrum analysis.

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.

10a. ELECTRICITY AND MAGNETISM. Fall term. Lectures, Conferences and laboratory, daily at 8:45. Prerequisite, Phys. 6 and math. 26. Credit 5 hrs. This course is a preparation for electrical engineering and is required of all engineers. The fundamental principles underlying the generations, distributions and use of electricity are discussed.

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.

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 of 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 requirements in physics less than one year and in some colleges it is two years.

POLITICAL SCIENCE

PROFESSOR MACKINNEY

9. INTRODUCTION TO POLITICAL SCIENCE. Fall term. T., W., Th., F., 8:45 For sophomores. Credit, 4 hrs. By lecture 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. The course is designed to aid students in observing social phenomena and in recording their observations; also in reading and interpreting the literature of the subject.

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, there 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., T., 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—Tausig. The purpose of the 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. 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. M., T., W., Th., at 1:15. Prerequisite, course 37. 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, psysiological 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: First Spanish Course—Hills and Ford.

3a. COMMERCIAL SPANISH. Spring term. M., T., W., Th., at 1:15 and at 9:40. Prerequisite, 2. Credit, 4 hrs. Grammar completed. Short course in commercial Spanish. Text: Spanish Correspondence—Harrison.

4-5-6. SECOND YEAR SPANISH. Fall, winter, and spring terms. T., W., Th., F., at 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. Text: 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 JUDESEN-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 literary society meets 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.

PI KAPPA DELTA, national honorary fraternity, has a chapter in William Jewell College.

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, 1922.

BACHELOR OF ARTS

Wherever the State or Country of residence is not given, the State of Missouri is to be understood.

Appleby, David Percy, Springfield.	Miller, Roger Stone, Chillicothe.
Boyd, Charles Cecil, Springfield.	Morris, Frank Holland, Liberty.
Byler, Robert Harris, Prairie Home.	Moss, Thelma Marie, Liberty.
Clause, Harry Paul, Akron, Ohio.	Overman, Benjamin Harrison, Excelsior Springs.
Dow, John Renau, Liberty.	Settle, Raymond W., Liberty.
Elstein, Mordechai Abraham, Kansas City.	Smith, Ralph M. G., Liberty.
Fariss, Charles Delbert, Terre Haute, Indiana.	Smith, Romans, Richmond.
Gill, Everett, Jr., Kansas City.	Smith, Mrs. Komans, Richmond.
Gwyn, Thomas Jackson, Kennett.	Snethen, Robert E., Bluffton.
Judson, Russell Fairfax, Gallatin.	Todd, John Broadus, Tulsa, Oklahoma.
McComas, Milburn Pembroke, Liberty.	Wilcox, David Bradford, Ashland.
McPike, Marion Jefferson, Palmyra.	Wright, Arthur Pruitt, Pawhuska, Oklahoma.

The following students have completed all requirements and have been graduated with the degree of Bachelor of Arts, "As of Class of 1922".

Brightwell, Clarence, Union.	Smelser, Newton Nathaniel, Kansas City, Kansas.
Guemple, Frank Dow, Kansas City.	

STUDENTS OF 1922-1923

SENIOR CLASS

†Bagby, Walter James, New Haven.	*Hargrave, Charles C., Liberty.
Barton, Jack, Carthage.	Hoover, Chester Turner, Brookfield.
Billingsley, Edna Leona, Savannah.	Isbell, Robert Nevill, Houston, Texas.
*Burke, Raleigh Ray, Liberty.	*Jones, Bert Ferris, Garden City.
*Conway, Edward Mack, Liberty.	Jones, Jenner Garnett, St. Joseph.
Copeland, Lloyd Lawrence, Ellington.	Leedy, Kathleen, Kansas City.
*Davis, John Albert, East St. Louis, Illinois.	Love, Franklin Hier, Liberty.
*Dick, Ray Allen, Liberty.	McDonald, Walker Harrison, Harris.
*Elam, Elma, Madison.	*Manwaring, Edward Henry, Liberty.
Emmons, Peyton Ashby, Mexico.	*Maupin, James Clifton, Liberty.
Fardon, Edgar Howard, Kansas City.	Meador, Rosemary, Liberty.
Gore, Greenville D., Independence.	*Morgan, William Lucian, Independence.
†Graves, John Lafayette, Jefferson City.	*Morris, Jesse Floyd, New Bloomfield.
*Hampton, Clyde Elbert, Liberty.	*Mulvania, Mitchell Delbert, Phelps City.
*Hamrick, Asa Pryor, Hillsboro.	Newman, Harris Reynolds, Grayson.

*Pitney, Walter Coleman, Liberty.
 Reed, Madeline Eola, Liberty.
 Reed, Marjorie, Liberty.
 Servier, Hazel Madeline, Liberty.
 Shoemaker, Mrs. Raymond A., Liberty.
 Shoemaker, Raymond A., Liberty.
 *Storer, Charles Russell, Mercer.

Street, Morris Benjamin, Albany.
 Tapp, Kathryn, Chandler.
 Trimble, Grace, Liberty.
 Truex, Aubrey Palmer, Mt. Vernon,
 Illinois.
 *Urquhart, Albert W., Hamilton.
 *Webb, William Ward, Kansas City.

†Completing Senior work in a technical school.

*Names marked thus are ministerial students.

[43 SENIORS]

JUNIOR CLASS

Ausman, George Addison, Cainsville.
 Austin, James August, Kansas City.
 Barton, George Cecil, Liberty.
 Bennett, Basil Richardson, Forest City.
 Birkhead, Joseph Bailey, El Dorado,
 Springs.
 Blanpied, Cecil Cline, Kansas City.
 Bowles, Mildred Elma, Palmyra.
 Bywaters, Albert Victor, Camden
 Point.
 Bywaters, David William, Camden
 Point.
 Campbell, Jane Ruth, Liberty.
 Canaday, Emmett John, Carrollton.
 Cogswell, John Eldredge, Independence.
 †Cole, A. Dean, Jr., St. Joseph.
 Cone, David Albert, Hemple.
 Davis, Ennis Day, Brashear.
 †Dawson, Hugh Edward, Liberty.
 Dow, Ernestine, Liberty.
 Eby, Donald J., Holt.
 Erwin, John Wesley, Macon.
 Evans, Nannie Belle, Kansas City.
 *Hamrick, Earl Jasper, Hillsboro.
 †Handly, Roy Russell, Higginsville.
 Harvey, Lashley Gray, California.
 *Higgins, Ora Eldon, Monett.
 Hill, William Dorsey, Liberty.
 Hirst, Leland Bayne, Alliance, Ne-
 braska.
 Howard, Harry Nickolas, Excelsior
 †Will graduate as of Class 1923.

Springs.
 Hurt, Daniel J., Excelsior Springs.
 Johnstone, Bertha Eloise, Kansas
 City.
 Juden, Edwin Virgil, Caruthersville.
 †Kruer, Arthur Charles, St. Louis.
 †Kunz, Adolph H., Leavenworth, Kan-
 sas.
 Lawson, Nancy, Liberty.
 Lewellen, Russell Roscoe, De Witt.
 *McIntire, Carl Alfred, Kansas City.
 McKissack, Ralph Waldo, Liberty.
 Major, Eleanor Huppert, Kearney.
 †*Manis, Lloyd Powell, Warrensburg.
 Manlove, John Allen, Brookfield.
 Parvin, Julian Aldean, Avondale.
 Porter, Joseph Edward, Milan.
 Potter, Mildred, Palmyra.
 Rogers, Herbert Preston, Lathrop.
 *Royse, William Oliver, Liberty.
 *Schuman, Verne Brinson, Rolla.
 Shelton, Anna Jane, Kansas City.
 †Shrewsbury, Charles Leslie, Liberty.
 †Simon, Kenneth Carl, Kansas City.
 Spencer, Ruth Elizabeth, Hannibal.
 Swinney, Mathew Lee, Liberty.
 Welsh, Helen Leslie, Liberty.
 White, Harold Ferdinand, Chillicothe.
 Wisdom, Francis Congrave, Liberty.
 Wood, C. C., Kansas City.

[54 Juniors]

SOPHOMORE CLASS

- Arnold, Lois Belle, Liberty.
 Ashbrook, Eugene David, Carrollton.
 Baker, Kenneth Douglas, Liberty.
 Baldwin, Russell Price, Liberty.
 Barr, Lawrence Hubert, Excelsior Springs.
 Bartholomew, Jess Myron, Rock Port.
 *Beck, Ivan F. M., Caseyville, Illinois.
 Bennett, John William, St. Joseph.
 Bentley, William Fristoe, Glasgow.
 Boatright, John Arthur, Glasgow, Kansas.
 *Brand, Mrs. Eva Carlene, Liberty.
 Brawner, Karl Milton, Holt.
 Breneman, Sarah Elizabeth, Kansas City.
 Briant, Louis Caspar, Jameson.
 Brown, Millard I., Milan.
 Burton, Charles Miller, Liberty.
 Church, James Mason, Liberty.
 *Church, Mrs. Mary Andrews, Liberty.
 *Cloonan, Clifford Brokaw, Liberty.
 *Coffman, Harold Gordon, Polo.
 Cook, Joseph Cornelius, Lee's Summit.
 Craig, Owen W. D., St. Joseph.
 Crowley, Crispin, Richmond.
 Cunningham, John Aaron, Caruthersville.
 Cunningham, Robert Johnson, Caruthersville.
 Davis, John Frank, El Paso, Texas.
 *Davis, Ralph Wayne, Oak Grove.
 DeMoss William Reed, Liberty.
 Dyer, Dowis Lee, Blackwell, Oklahoma.
 Edson, Frank George, St. Joseph.
 Elliot, Jessup Wade, Grayson.
 Eubank, Ambrose Davis, Independence.
 Fischer, John William, Gilliam.
 Fitch, Lee Magill, Richmond.
 Foster, Luther Adolphus, Livonia.
 Foster, William Irvin, Livonia.
 Froman, Marshall Irene, Liberty.
 Gardiner, Ida Eudora, Liberty.
 Gill, Mary Frances, Liberty.
 Gittinger, James A., Liberty.
 *Griffiin, Clayborne Samuel, Mexico.
 Grizzell, Thomas Newton, Salisbury.
 Hall, Howard Edward, Lamar, Colorado.
 Hall, James Roger, Liberty.
 Hall, Lucile, Liberty.
 Hall, William Eugene Smith, Hannibal.
 Harris, Isaac Allen, Newbern, Tenn.
 Hensley, Clarence Wilson, St. Joseph.
 Hogan, Wilbur Clifton, Kansas City.
 Holbert, Fernando Allen, Ewing.
 *Holland, Irineus Continho, Rio de Janeiro, Brazil.
 Holmes, Floyd Clarence, Hemple.
 House, George Allen, Newbern, Tenn.
 Hubbard, Ruth, (Mrs. J. E. Cogswell.), Kansas City.
 Ingle, Alpha Jr., Salina, Kansas.
 Joy, Denton L., Richmond.
 Judd, Raymond Edwin, Carthage.
 Justus, Earnest Milton, Trenton.
 *Kenney, Charles Larkin, Leeton.
 Keohane, Robert Emmett, Hamilton.
 Kidd, Bonner Ray, Little Rock, Ark.
 Kiely, James Leo, California.
 King, Dudley Timothy, Houston, Tex.
 Lesly, Styles, Higbee.
 Lott, Edwin H., Liberty.
 Lowery, William Allen, Blackwell, Oklahoma.
 Luedecke, Fredrick Christopher, St. Louis.
 McComas, Blanche, Liberty.
 McGrath, Roy Vaughn, Mountain View.
 McPike, Zach, Palmyra.
 McQuillin, Lonis Emerson, Hamilton.
 Mathes, Frank Shelton, Kearney.
 Melton, Ralph Theodore, Kansas City, Kansas.
 Montgomery, Herman Lawrence, Vin-ita, Oklahoma.
 *Moore, Fred Paul, Liberty.
 *Moran, Lee John, Liberty.
 Morrison, John Archibald, Gilliam.
 Moser, Karl Jones, Dawn.

Moss, Fred Sumner, Anderson.
 Motley, George Carver, Bowling Green.
 Mulvania, Melvin Allen, Phelps City.
 Osborn, Aubrey Howard, Clifton Hill.
 Petree, Lois Grant, Kidder.
 Phillips, Margaret Lulu, Liberty.
 Piper, Don Carlos, Union Star.
 Pitts, Winston McDowell, Roanoke.
 Pyle, Delila Grace, Liberty.
 Ragsdale, William Frank, Mexico.
 *Randall, Ulysses Samuel, Liberty.
 Rhodus, Opal, Lawson.
 Roark, Norman J., Tipton.
 Royse, Mrs. W. O., Liberty.
 Shaw, Temple Daniel, Missouri City.
 Sheets, Don H., Nevada.
 *Sims, John Bryan, Corrollton.
 Siple, Raymond Hamacher, Coffey.
 *Smith, John D., Liberty.
 Sodeman, Charles Tolson, Liberty.
 Southard, Earl Francis, Bowers Mill.
 Stuart, Henry Bolen, Harrisonville.

Tapp, Frances, Chandler.
 Tarrant, Joseph Eugene, Liberty.
 Tebow, Robert Gilliam, Fort Collins, Colorado.
 Thomason, Charles Herbert, Lee's Summit.
 Toalson, Frank Benton, Clark.
 Vandlandingham, Idabelle, Liberty.
 Vollmer, John Adolph, Shelbyna.
 Wade, Fred Hill, Liberty.
 Walker, Ruth Anna, Liberty.
 Wardell, Thomas Edward, Macon.
 *Westover, Walter Bratton, Brownell, Kansas.
 Williams, Jarrott Martin, Liberty.
 *Wood, Lora Inez, Denver.
 Woodson, Logan Ashby, Limon, Colo.
 Wornall, John B. Jr., Kansas City.
 Wright, Earl Raymond, Liberty.
 Wymore, Nora Frances, Liberty.
 Zach, Herbert William, Hamburg, Iowa.

[118 SOPHOMRES]

FRESHMAN CLASS

Alexander, Jerome Dougherty, Liberty.
 Allen, Ralph Kenneth, Carrollton.
 Anderson, Arvel Franklin, Liberty.
 Bailey, Nina Virginia, Trenton.
 Baker, Francis Eugene, Brookfield.
 Banks, William Emmett, Liberty.
 *Barrow, Philip Sheridan, Calhoun.
 Been, Walter, St. Louis.
 *Benedict, Mrs. Margery, St. Louis.
 Bradfield, Helen Afton, Liberty.
 *Brand, Lawrence H., Liberty.
 Bridges, Cecil Calvert, Carthage.
 Brown, Robert Mitchell, Macon.
 Brown, Walter R., Troy.
 Cain, Charles Floyd, Carutherville.
 Cain, Dennis Laroy, Carutherville.
 Carder, Joseph Brooks, Richmond.
 Carmack, Helen, Norbourne.
 Carmichael, Darrell Arthur, Shelbyna.
 Chapman, Nancy Luella, Liberty.
 Chenoweth, Roma Kathryn, Liberty.

Chewning, Bert Stephenson, Harrisonville.
 Chrisman, Clarence George, Liberty.
 Church, Samuel Dupuy, Liberty.
 Clark, John Ernest, Gilliam.
 *Clawson, Elmer Roy, Kansas City.
 Coder, Ralph Vernon, La Belle.
 Conner, Issac Withers, Springfield.
 Coover, Ellery Walker, Kansas City.
 Crouch, Edwin Yancey, Turney.
 Cuthbertson, Gilbert, Liberty.
 Davis, James Warren, Chillicothe.
 Dawson, John William, Jefferson City.
 Day, Katharine B., Liberty.
 Day, Romney Maxwell, Dearborn.
 Dean, Donald Corcoran, Dearborn.
 Delaney, Wesley A., St. Louis.
 Dick, Mallie, Edgerton.
 Doherty, Mary Lee, Lathrop.
 Donahue, Edward Twyman, Mt. Washington.

Dorsey, Pauline, Norborne.

Dougherty, Warren Wellington, Brookfield.

Dunn, Cloyd Vernon, Mexico.

*Egnew, Louis Ottawa, Grandview, Ind
Elliott, Dorothy Lea, Lathrop.

Everett, Gordon S., Lamar, Colorado.

*Farrington, William Jesse, Kansas City, Kansas.

File, Blanche Elizabeth, Richmond.

Fischer, Kizzie Belle, Gilliam.

Fleet, James Ryland, Liberty.

Floyd, Charles Benjamin, Linn Creek.

Fristoe, Frank Hendson, Carthage.

Frost, Don Leo, Carthage.

Gardner, Charles Edwards, Norborne.

Gibeaut, Teddy Robert, Breckenridge.

Gilbreath, Raymond J., Carthage.

Gillette, Bessie, Liberty.

Godfriaux, Emile Orville, Chicago, Ill.

Godfriaux, Marcel Raymond, Liberty.

Gonzalez, Nicasio Gregory, San Louis Potosi, Mexico.

Gordon, Paul Glenn, Kansas City.

Graves, Helen Mildred, Neosho.

Gray, Ernest Benjamin, Nevada.

Haden, Francis Delano, Holliday.

Hansford, Harold Edward, Carthage.

Hart, Thelma B., Liberty.

Harvey, Theo. V. L., Monett.

Hays, George Campbell, Hannibal.

Hier, Elvet Thomas, Marceline.

Hirni, Paul Raymond, Rockville.

Hodgin, Harold Hubbard, Fairfax.

Holman, Wheeler Ralph, Stet.

Hulett, Claracy Margaret, Kearney.

Humphreys, Manuel, Higginsville.

Inglehart, Helen Margaret, Liberty.

Isley, Riley Missouri, Holt.

Jackson, Earl Raymond, Paris

*Jackson, Hickory Stonewall Huntsville.

Jeffers, Eugene Ewing, Dearborn.

*Johnson, David Edith, Drexel.

Johnson, Elza Vernon, Carthage.

Johnson, Rea Mae, Lathrop.

Johnstone, Emma Jean, Kansas City.

Jones, Floyd Hamilton, Liberty.

King, Lawson Fred, Trenton.

King, William Herbert, Spickard.

*Kneeland, Ralph S., Brookfield

Lamb, Joseph Carlos, E. St. Louis, Ill.

Lauderdale, Dempsey, Southwest City.

Leach, Howard Eugene, Kansas City.

Leonard, Charles Harold, Brookfield.

Lidstone, Paul S., Dearborn.

Luttrell, Epsie Pearl, Argentine, Kans.

McAllister, Edward Nevill, Houston, Texas.

McDaniel, Kirk, Kansas City.

McHugh, Earl Clifton, Kansas City.

McVay, Ted, Okmulgee, Okla.

Marsh, Victor James, Chula.

Marshall, James Fariss, Richmond.

Mattatall, Ira Floyd, East St. Louis, Illinois.

Meador, George M., Liberty.

Milligan, George Herman, Liberty.

*Miller, James Holley, Florence.

Momyer, Floyd Franklin, Lathrop.

*Moon, Edward W., Liberty.

Moor, Leslie Millard, Independence.

Moore, Bernard T., Liberty.

Moore, Elton, Paris.

Mueller, Carl Herbert, Higginsville.

Nelson, Harry Thorne, Chillicothe.

Nelson, Ernest Fishback, Birch Tree.

Noel, Thomas Leon, Lenter.

Norcross, Mildred Elizabeth, Liberty.

O'hern, Alfred Edward, Hannibal.

*Orthel, Frank, Archie.

Osborn, Riley Randolph, Gallatin.

Osborn, Robert Blair, Clifton Hill.

Osgood, Charles Samuel, La Belle.

Palmer, James Harold, Chillicothe.

Partee, William Elisha, Vandalia.

Peithman, Edgar Frederick, Sedalia.

Pettus, Clay Beall, Belton.

Pixlee, ~~Archer~~ Clay, Liberty.

Quisenberry, Edward Harrison, Carrollton.

Ray, Alton Whitney, Excelsior Springs.

Reardon, Gertrude, Plattsburg.
 Reed, Amil M., Green City.
 Reed, Leslie McClellan, Liberty.
 Rendlen, Thomas Branham, Hannibal.
 *Ridgway, Roy Delbert, Brookfield.
 Ritner, Robert Joseph, Atchison, Kansas.
 Risk, William Irvin, Carthage.
 Roark, James Jefferson, Tipton.
 Roberts, Luther King, Kansas City.
 Robeson, Mable, Liberty.
 Rushton, Millard Fleming, Chillicothe.
 Schwamb, Theodore William, Denver, Colorado.
 Sears, Myron, Macon.
 Sederberg, Norman William, Chicago, Illinois.
 Sexson, Thomas Edwards, McAllister, Oklahoma.
 Shafer, William Hubert, Liberty.
 Shaw Mary Ethel, Liberty.
 Shouse, Richard Lawrence, Liberty.
 *Shoush, Johh Still, Moberly.
 Shumate, George Emmett, Moberly.
 Silvius, George Andrews, Turney.
 Simms, Milton Calvin, Farmington.
 Skilling, Lester, Lamar, Colorado.
 Smith, Marion Rufus, Rushville.
 Smith, Thomas Allen, Houstona.
 Smoot, Ardelle Nina, Excelsior Springs.
 Squires, Charles Reuel, St. Joseph.
 Stapleton, Loren Clovis, Gallatin.
 Steen, James Lawson, Sturges.
 Steen, Lee Manlove, Sturges.

Stevenson, Charles Marchant, Kansas City.
 Stinchomb, Harold Lee, Chillicothe.
 Stonum, Opal Blanche, Elmira.
 Stratton, Richard Charles, Mound City.
 Stuart, Meriwether Lewis, Liberty.
 Sturges, William Eugene, Carrollton.
 Sturgis, John Irwin, Lexington.
 Sweeney, Harold M , Eufaula, Oklahoma.
 Teeters, Hugh Avery, Carrollton.
 Tracy, Winton Gobdy, Anderson.
 Trimble, Frank Henshaw, Liberty.
 Varner, Everette, Odessa.
 Waers, Roma Catherine, Liberty.
 Wainescott, George Edward, Kansas City.
 Walker, Leola Oressa, Liberty.
 Wall, John Arthur, Kansas City.
 Weakley, James Homer, Kearney.
 White, Mrs. George H., Liberty.
 Whitmer, Clyde Frederick, Richmond.
 *Wickens, Lewis Albert, Palm City, California.
 Wilhite, Joseph Bethel, Salisbury.
 Williams, Byron Ellis, Brookfield.
 Williams, Herbert Lowery, Nevada.
 Williams, John Walter, Plattsburg.
 Williams, Lillian May, Liberty.
 Woodford, Frank Millard, Atchison, Kansas.
 *Woodward, Fern Lenora, Cainsville.
 Woolfolk, Daisey Marie, Liberty.
 Yates, Ralph, Liberty.

[184 Freshmen]

UNCLASSIFIED

Conway, Mrs. Edward Mack, Liberty.
 Davis, Benjamin, Birch Tree.
 Dick, Mrs. Minnie Liggett, Liberty.

Gill, Miss Leila Kathryn, Liberty.
 Mosely, W. J., Liberty.
 Stealey, Sydnor Lorenzo, Liberty.

[6 UNCLASSIFIED]

SUMMARY OF COLLEGE STUDENTS

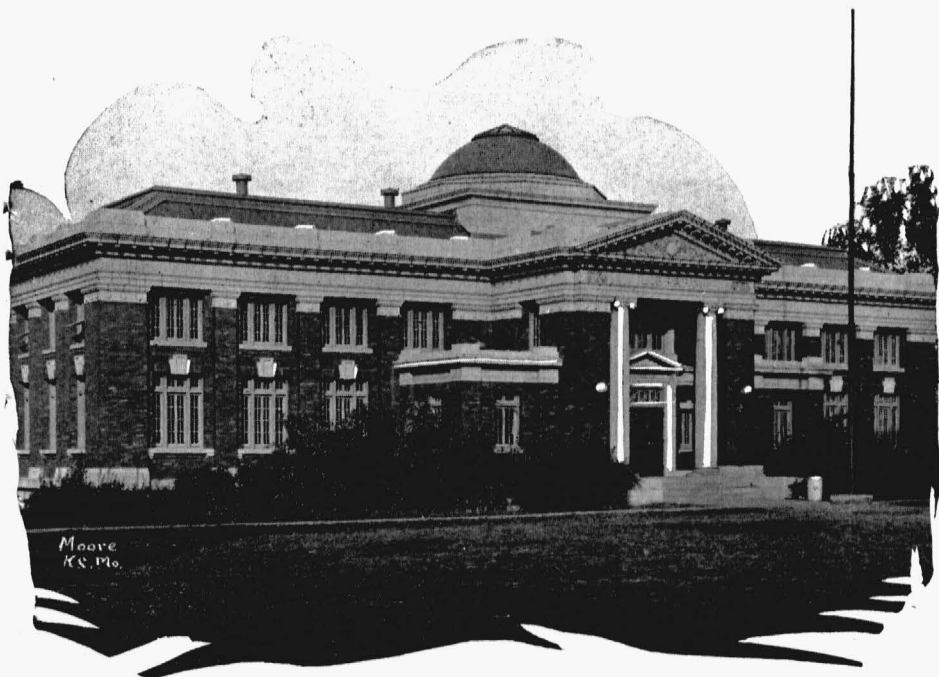
Seniors	43	Freshmen	184
Juniors	54	Unclassified	6
Sophomores	118	Total	405

RESIDENCES

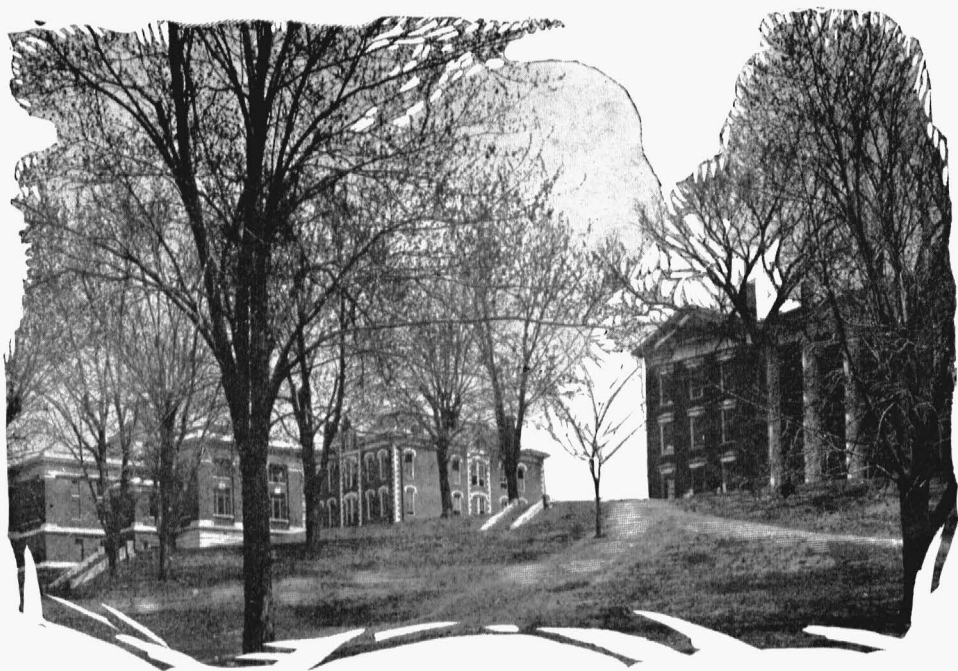
Arkansas	1	Kansas	9
Brazil	1	Mexico	1
California	1	Missouri	364
Colorado	6	Nebraska	1
Illinois	7	Oklahoma	6
Indiana	1	Tennessee	2
Iowa	1	Texas	4



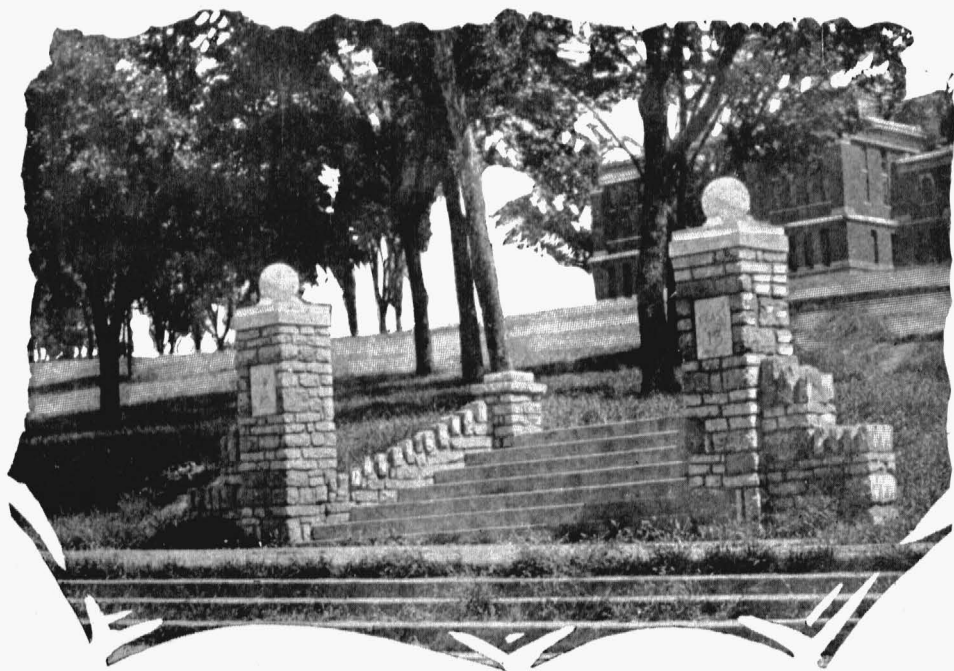
New Ely Hall, Dormitory



Carnegie Library



Campus Scene



Gateway