

BULLETIN  
OF  
**William Jewell**  
**College**

Liberty, Missouri

FOUNDED  
1849

Series 10

JUNE, 1912

No. 1

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Catalogue for the Year 1911-1912 and  
Announcements for the Year 1912-1913

PUBLISHED BY THE COLLEGE

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*Entered April 2, 1909, at Liberty, Missouri, as second-class matter,  
under Act of Congress of July 16, 1894.*

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# William Jewell College

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CATALOGUE EDITION

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LIBERTY, MO., JUNE, 1912

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PUBLISHED QUARTERLY BY THE COLLEGE, LIBERTY, MO.

ENTERED AS SECOND-CLASS MATTER APRIL 2, 1900, AT THE POSTOFFICE AT LIBERTY, MISSOURI, UNDER ACT OF CONGRESS  
OF JULY 16, 1894.

## CALENDAR.

1912.

Fall term begins.....Monday, September 9  
Matriculation and Classification.....  
.....Monday to Wednesday, September 9-11  
Class work begins.....Thursday, September 12  
Thanksgiving Day.....Thursday, November 28  
Term Examinations.....Wednesday to Friday, December 18-20  
Fall term ends.....Friday, 4:15 P. M., December 20

1913.

Winter term begins.....Thursday, January 2  
Matriculation and Classification.....  
.....Thursday to Saturday, January 2-4  
Class work begins.....Monday, January 6  
Term Examinations.....Tuesday to Thursday, March 18-20  
Winter term ends.....Thursday, 4:15 P. M., March 20

Spring term begins.....Friday, March 21  
Matriculation and Classification.....  
.....Friday and Saturday, March 21-22  
Class work begins.....Monday, March 24  
Term Examinations.....Wednesday to Friday, May 28-30

## COMMENCEMENT WEEK.

Baccalaureate Sermon.....Sunday A. M., June 1  
Address before the Board of Ministerial Education.....  
.....Sunday P. M., June 1  
Address before the Literary Societies...Monday A. M., June 2  
Senior Class Day Exercises.....Monday, 3 P. M., June 2  
Alumni Address. ....Tuesday A. M., June 3  
Graduating exercises and close of the college year.....  
.....Wednesday A. M., June 4

## LOCATION.

William Jewell College is located at Liberty, Mo., fifteen miles from Kansas City, and is on the main line of the C. B. & Q., the C. M. & St. P. and the C. R. I. & P. railways.

Liberty can also be reached by the electric railway from Kansas City.

## TO THE NEW STUDENT.

It is always best to room in the dormitories and to board at the dining hall. If this is not possible, confer with the Treasurer, J. E. Cook, immediately on arriving in Liberty, and he will give you a list of approved boarding and rooming places. If you need employment to help you through school, write the Treasurer or consult him. If you will write President Greene, telling him by what train you expect to reach Liberty, he will have a committee from the Young Men's Christian Association meet you at the station. The Young Men's Christian Association is a part of the College, and all students are advised to avail themselves of its help from the very first day of their arrival in Liberty. Any particular help, or any information desired from the Y. M. C. A. may be obtained by writing to H. T. Beaver, President, Liberty, Mo.

## THE SCHOOL OF THEOLOGY.

Several years ago the Department of Theology developed into the William Jewell School of Theology, numbering now more than 250 students with dean and a complete faculty of its own.

On application catalog will be sent with full information about courses, degrees, student aid, etc.

## CORRESPONDENTS

wishing further information concerning admission, courses of study, and all other matters pertaining to the affairs of the College, address the President, Dr. J. P. Greene, Liberty, Mo.



## TRUSTEES.

### I. TERM OF OFFICE EXPIRING 1912.

A. D. BROWN, St. Louis.	W. D. JOHNSON, Kansas City.
J. E. COOK, Liberty.	E. H. NORTON, Platte City.
A. R. LEVERING, Hannibal.	W. J. WILLIAMSON, St. Louis.

### II. TERM OF OFFICE EXPIRING 1913.

J. C. ARMSTRONG, Kansas City.	J. E. FRANKLIN, St. Louis.
G. W. HYDE, Lexington.	F. P. NEAL, Kansas City.
J. T. M. JOHNSTON, Kansas City.	W. H. GRIFFITH, St. Joseph.

### III. TERM OF OFFICE EXPIRING 1914.

J. P. GREENE, Liberty.	F. H. TRIMBLE, Liberty.
J. S. MAJOR, Liberty.	J. T. MORRIS, Carrollton.
G. L. BLACK, Liberty.	S. J. BROWN, Kansas City.
CHARLES HYSLOP, Maryville.	

### OFFICERS OF THE BOARD OF TRUSTEES.

A. R. LEVERING, President.  
J. S. MAJOR, Vice-President.  
JOHN ERNEST COOK, Treasurer and Secretary

### FINANCE COMMITTEE.

A. R. LEVERING,	J. P. GREENE,	J. C. ARMSTRONG,
J. E. FRANKLIN,	J. S. MAJOR,	J. E. COOK.
	F. P. NEAL,	

### ADMINISTRATIVE OFFICERS.

J. P. GREENE .....	President of the College
J. E. COOK .....	Treasurer of the College
J. G. CLARK....	Chairman and Acting Secretary of the Faculty
H. M. RICHMOND.....	Curator of the Museum
MISS DAISY CHILDS.....	Librarian

## FACULTY.

JOHN PRIEST GREENE, A.M., D.D., LL.D., PRESIDENT.

*Professor of Ethics.*

A.B., La Grange, 1872; A.M., *ibid.*, 1875; Professor of English and Mathematics in the same, 1873-75; Student in the Southern Baptist Theological Seminary, 1875-79; Student at the University of Leipsic, Germany, 1879-80; Pastor East Baptist Church, Louisville, Kentucky, 1880-82; Pastor Third Baptist Church, St. Louis, Missouri, 1882-92; D.D., William Jewell College, 1886; LL.D., Colgate University, 1893; President William Jewell College, 1892—.

JAMES GREGORY CLARK, LL.D.

*Emeritus, Professor of Mathematics.*

Student University of Virginia, 1854-57; Assistant Instructor in Mathematics, *ibid.*, 1857-58; Professor of Mathematics, Columbian College, D. C., 1860-61; and again, 1865-71; Professor of Mathematics and French, William Jewell College, 1873-1901; LL.D., Baylor University, 1880; Chairman of the Faculty, 1883—; Professor of Mathematics, 1901-09; Emeritus, 1909.

RICHARD PRICE RIDER, A.M.

*Emeritus, Principal of the Academy and Associate in Latin.*

Student in Shurtleff College, 1854-55; Teacher and Principal in High Schools in Illinois, 1855-72; Superintendent Public Schools, Boonville, Missouri, 1872-74; Associate Principal Third District State Normal School, Cape Girardeau, Missouri, 1874-77; President Stephens College for Young Ladies, Columbia, Missouri, 1877-83; Professor in William Jewell College, 1884-1909; A.M., Shurtleff College, 1893; Secretary of the Faculty, Member of Classical Association of the Middle West and South; Emeritus, 1909.

HARRY GEORGE PARKER, A.M., PH.D.

*Professor of Chemistry.*

A.B., William Jewell, 1892; A.M., *ibid.*, 1893; Associate in Physics and Chemistry, 1893-94; Student in Harvard, 1894-96; Instructor in Chemistry, Harvard, 1895-96; Ph.D., Harvard, 1900; Professor of Chemistry and Biology, William Jewell, 1895-96; Professor of Chemistry and Physics, William Jewell College, 1896-1912; Professor of Chemistry, 1912—.

## HENRY MERRITT RICHMOND, A.M.

*Professor of Geology.*

A.B., Colgate University, 1885; A.M., *ibid.*, 1888; Associate Professor, William Jewell College, 1893-96; Professor of Geology and Biology, William Jewell, 1896-1912; Professor of Geology, 1912—; Phi Beta Kappa.

## JOHN PHELPS FRUIT, A.M., PH.D.

*Professor of English Language and Literature.*

A.B., Bethel College, Kentucky, 1878; A.M., *ibid.*, 1881; Teacher of Latin, Greek and Mathematics in Academies in Kentucky, 1878-81; President Liberty Female College, Glasgow, Kentucky, 1881-1883; Professor of English, Bethel College, 1883-97; Scholar in Psychology, Clark University, 1891; Ph.D., Leipsic, 1895; Professor of English Language and Literature, William Jewell, 1898—.

## JOHN ERNEST COOK, AM., D.D.

*Ex-officio Member of the Faculty.*

A.B., La Grange College, Missouri, 1879; A.M., *ibid.*, 1882; Admitted to the Bar of Missouri, 1881; Student in Southern Baptist Theological Seminary, 1884-87; Pastor of the Water Tower Baptist Church, St. Louis, Missouri, and the First Baptist Church, St. Joseph, Missouri, 1887-1903; D.D., Bethel College, Kentucky, 1903; Treasurer, William Jewell, 1903—.

## ROBERT RYLAND FLEET, AM., PH.D.

*Professor of Mathematics.*

A.B., William Jewell, 1896; Associate President, Clarksburg College, Missouri, 1897; Fellow in Mathematics, Missouri State University, 1899-1900; A.M., Missouri State University, 1900; Student in the Universities of Heidelberg and Berlin, 1900-03; Ph.D., Heidelberg, 1903; Professor of Mathematics, William Jewell, 1903—; Member of the American Mathematical Society and the Missouri Society of Teachers of Mathematics; Phi Beta Kappa.

## ELMER CUMMINGS GRIFFITH, AM., PH.D.

*Professor of History and Political Science.*

A.B., Beloit College, 1895; A.M., *ibid.*, 1898; Ph.D., University of Chicago, 1902; Instructor, Cedar Valley Seminary,

Iowa, 1895-96; Principal, Warren Academy, Illinois, 1896-99; Student, University of Berlin, Germany, 1899-1900; Graduate Student and Fellow, University of Chicago, 1900-02; Professor of History and Political Science, Yankton College, South Dakota, 1902-05; Professor of History and Political Science, William Jewell, 1905—; Phi Beta Kappa.

DAVID JONES EVANS, A.M., TH.D.

*Professor of English Old Testament.*

A.B., William Jewell, 1900; A.M., *ibid.*, 1901; Th.M., Southern Baptist Theological Seminary, 1904; Th.D., *ibid.*, 1905; Pastor of Park Avenue Baptist Church, St. Louis, 1905-06; Professor of English Old Testament, William Jewell, 1906—.

SELATIE EDGAR STOUT, PH.D.

*Professor of Latin.*

B.S., Grand River College, Missouri, 1891; Principal of High Schools in Missouri, 1891-1900; A.B., William Jewell, 1901; Associate in Mathematics, William Jewell, 1901-02; Graduate Student in Latin and Greek, University of Chicago, and Teacher of Mathematics, Howe School, Indiana, 1902-06; Associate in Latin, William Jewell, 1906-08; Professor of Latin, William Jewell College, 1908—; Ph.D., Princeton, 1910.

WILLIAM DENNY BASKETT, A.M.

*Professor of Modern Languages.*

A.B., Central College, 1900; A.M., *ibid.*, 1901; Graduate Student, Johns Hopkins University, 1900-02; Student, University of Berlin, 1905-06; Professor of German and French, Central College, 1902-09; Professor of Modern Languages, William Jewell College, 1909—.

RALPH HERMON TUKEY, AM., PH.D.

*Professor of Greek.*

A.B., Bates College, 1898; A.M., Harvard, 1901; Ph.D., Yale, 1906; Student at Harvard, 1899-1901; Instructor in Latin, Bates College, 1901-3; Assistant in Greek, Yale, 1903-4; Instructor in Greek, Brown University, 1905; Student at Yale, 1905-6; Instructor in Greek, Hopkins Grammar School, 1906-9; Acting Professor of Greek Language and Literature, William Jewell, 1909-10; Professor of Greek, 1910—.

WALTER OLIVER LEWIS, A.M., PH.D.

*Professor of English New Testament and Philosophy.*

A.B., William Jewell College, 1898; A.M., *ibid.*, 1906; Th.M., Southern Baptist Theological Seminary, 1903; Th.D., *ibid.*, 1904; Student in the Universities of Berlin, Erlangen, Halle and Leipzig, 1906-8; Ph.D., Erlangen, 1908; Pastor, West Park Baptist Church, St. Louis, 1898-1901; Wyatt Park Baptist Church, St. Joseph, 1905-6; Compton Heights Baptist Church, St. Louis, 1908-10; Professor, William Jewell College, 1910—.

MOSES LEVEROCK CROSSLEY, PH.B., Sc.M., PH.D.

*Professor of Biology and Organic Chemistry.*

Ph.B., Brown University, 1909; Sc.M., Brown, 1910; Ph.D., Brown, 1911; Instructor of Chemistry, Brown, 1909-11; Associate Professor of Organic Chemistry, William Jewell College, 1911-12; Professor of Biology and Organic Chemistry, 1912—; Sigma Xi.

JOHN E. DAVIS, A.B.

*Professor of Physics.*

A.B., William Jewell College, 1907; Associate in Physics in William Jewell College, 1907-1910; Scholar in Physics, University of Chicago, 1910-1911; Fellow in Physics and Lecture Assistant, *ibid.*, 1911-1912; Professor of Physics, William Jewell College, 1912—.

WARD HAMPTON EDWARDS, A.M.

*Associate in English.*

A.B., William Jewell College, 1903; A.M., 1910.

RAYMOND HUNTINGTON COON, M.A.

*Associate in Latin.*

A.B., Grand Island College, Nebraska, 1905; Nebraska Rhodes Scholar at Oxford, 1904-1907; B.A., University of Oxford, 1907; M.A., *ibid.*, 1910; Professor of Greek, Sioux Falls College, South Dakota, 1907-08; Professor of Greek and Latin, Grand Island College, Nebraska, 1908-09; Associate in Latin, William Jewell College, 1909—.

CHARLES WILLIAM MOORE, A.M., D.D.

*Non-Resident Lecturer on Sociology.*

CHARLES EDGAR PENCE, A.M.

*Associate in Latin.*

A.B., William Jewell College, 1908; A.M., 1910.

MAX FRIEDRICH MARTINI, A.B.

*Associate in History and German.*

Real-Gymnasium, Chemnitz, Germany, 1876-84; Travel and Study, 1884-91; A.B., William Jewell College, 1912; Private Tutor in French and German, Lynchburg, Virginia, 1891-94; Teacher and Principal in Academies and High Schools in Missouri, 1894-1910; Associate in History, William Jewell College, 1910—.

HARRY JOSEPH CAMPBELL, A.B.

*Director of Physical Culture and Instructor in Hygiene.*

Special Student, Institute and Training School, Chicago, 1908-09; Student, International Y. M. C. A. Training School, Springfield, Massachusetts, 1909-10; A.B., University of Kansas, 1910; Physical Director, William Jewell College, 1910—.

ROY IVAN JOHNSON, A.B., B.S.

*Associate in English and Instructor in Reading and Public Speaking.*

University of Missouri, 1909; Graduate Student, University of Chicago, summer quarter, 1910-11; Instructor in English, Kemper Academy, Boonville, Mo., 1909-11; Associate in English, William Jewell College, 1911—.

PAUL REECE RIDER, A.M.

*Associate in Mathematics.*

A.B., William Jewell College, 1909; A.M., 1910.

## STANDING COMMITTEES OF THE FACULTY.

1. *On Entrance Requirements:*  
PROFESSOR STOUT.
2. *On Classification and Enrolment:*  
PROFESSORS FLEET AND JOHNSON.
3. *On Catalogue and Bulletins:*  
SECRETARY OF THE FACULTY, PROFESSORS FRUIT, PARKER  
AND FLEET.
4. *On the Library:*  
PROFESSORS GRIFFITH, BASKETT AND EDWARDS.
5. *On Music:*  
PROFESSOR EVANS.
6. *On Athletics:*  
PROFESSOR PARKER, DR. J. E. COOK AND THE PHYSICAL  
DIRECTOR.
7. *On Order:*  
DR. J. E. COOK, SECRETARY OF THE FACULTY AND PROF.  
STOUT.
8. *On Delinquencies:*  
*Collegiate;*  
PROFESSOR LEWIS.  
*Sub-Collegiate;*  
PROFESSOR COON.  
*Chapel Attendance;*  
PROFESSOR BASKETT.  
*Physical Education;*  
PROFESSOR PARKER.

## GENERAL INFORMATION.

## HISTORICAL.

In February, 1849, an Act of the General Assembly of Missouri, granting to the Baptists of Missouri a charter for an institution for higher education, was approved. This charter authorized and empowered the subscribers to the endowment to hold a meeting for the purpose of locating and naming the institution. Pursuant to the terms of the charter, the meeting was held in August, 1849, in Boonville, and, after an animated contest, the town of Liberty, in Clay County, was selected as the location; and in honor of Dr. William Jewell, who was first and foremost in heart, head and purse in promoting the enterprise, it was unanimously agreed that the name should be William Jewell College.

Dr. Jewell was born in Loudoun County, Virginia, January 1, 1789. In 1800 the family came to Kentucky, where young Jewell, after completing his academic studies, entered Transylvania University for the study of medicine, and graduated in due course with the degree of Doctor of Medicine. The Doctor, in 1820, turned his face to the great West, and for two years was a resident of the town of Old Franklin, Missouri; thence he went to Columbia, where he settled permanently, and became a member of the Bonne Femme Baptist Church.

"As a practitioner of medicine he soon rose to eminence in his profession, and as a citizen he stood in the first rank of useful and enterprising men. He was one of the earliest friends of the State University, and contributed largely, through personal influence and pecuniary aid, toward the location of that institution at Columbia. He was often a member of the General Assembly of the State from Boone County, and faithfully represented all the interests of his constituents. As a Christian, he was earnest and practical; a diligent student of the Bible; a faithful and helpful attendant upon all the services of his church; abounding in good works; a cheerful contributor toward all the religious enterprises of his denomination."

So early as 1843 Dr. Jewell made an offer of \$10,000 in lands to the General Association for the endowment of a college. That this sum was available all the while from the year 1843 to the location, naming and organization of the College in November, 1849, is shining evidence of the lofty character of the man. The Board of Trustees, early in 1850, appointed Dr. Jewell to superintend the erection of the building, and it was



in this service he showed his devotion to the College until his death, in August, 1852, which event was, undoubtedly, the result of exposure to the severe heat of that summer while supervising the work.

(For a full history of the College, from its founding to the year 1892, see "*History of William Jewell College*," written by James G. Clark, LL.D., Professor of Mathematics.)

## ENDOWMENTS, ANNUITIES, BEQUESTS.

The income for the support of the College is derived largely from endowment. The students' fees supply, perhaps, one-fourth of the entire expenses. The endowment has been provided by the thoughtfulness and liberality of good men and women. Every dollar of the endowment is securely invested; the interest of earnings only can be used for current expenses. It is a notable fact that not a dollar given to William Jewell College since the war has been lost. In this connection mention must always be made of the great work of L. B. Ely, for so many years the financial agent of the College.

Much of the endowment of the College is known as Memorial Endowment. This consists of sums given in memory of fathers, mothers, husbands, wives, brothers, children and other loved ones.

The College in many cases has received sums of money upon which interest has been paid annually during the life of the donor. This method furnishes a safe investment without any care or trouble, and insures a benevolent use, for all time, of money and property.

## THE BUILDINGS.

**JEWELL HALL**—Is a large brick building, one hundred and twenty feet in length, sixty-seven feet in breadth, and three stories in height. The first floor contains four commodious lecture or recitation rooms, occupied by the departments of Latin, Mathematics, History and Modern Languages; in the central portion of this floor are two large lecture and recitation halls. On the second floor are the biological lecture room and laboratory, a theological lecture room and the Museum of Geology, Mineralogy and Natural History. On the third floor are found the lecture rooms of the departments of Greek and English, and the halls of the Philomathic and Excelsior Literary Societies.

**WORNALL HALL**—On the same line with Jewell and Ely Halls, and about one hundred feet to the north of the latter; erected in 1896, and named in memory of the Hon. John B.

Wornall, who was for many years the President of the Board of Trustees. This is a very handsome structure, three stories in height, with a basement extending under the entire building. It was erected primarily for the accommodation of the Academic Department, but for some years a large portion of the building, including the entire basement and main or first floor, has been given over to the Department of Chemistry and Physics and to the officers of the administration. On the third, or highest floor, is the College Chapel, which has a seating capacity of about nine hundred persons.

**BROWN HALL**—East of the first of the above mentioned edifices, and on a parallel line; erected through the generosity of Mr. A. D. Brown, of St. Louis, Missouri, and named in honor of the donor. This is the College Gymnasium. It is well adapted to its purposes, and is sufficiently described in the section on Physical Training.

**PRESIDENT'S HOUSE**—It is a very handsome brick edifice, two stories in height, built in true Colonial style, with broad porticoes, etc. It is heated by water and lighted by both gas and electricity, and affords very superior accommodations for the President and his family. In its interior arrangements it affords excellent facilities for conducting the most elaborate social entertainments.

**LIBRARY BUILDING**—This edifice, for which the College is indebted to Mr. Andrew Carnegie and other friends of the Institution, stands an ornament to the Hill and a credit to the donors. It contains the Library of the College, the Spurgeon Library, the Archives of the Missouri Baptist Historical Society, and several individual collections. It is supplied with ample and beautiful reading rooms, stack rooms for many thousand volumes and all the appurtenances of the most modern library buildings.

The College Library is centrally located on the campus. It is open to the students and faculty every week day from 8:00 a. m. until 6:00 p. m. excepting Saturday afternoons. It is also open on Tuesday and Thursday evenings from 7:00 to 9:00 o'clock.

The library is classified according to the Dewey system under the following general subjects: Philosophy, Religion, Sociology, Philology, Science, Useful Arts, Fine Arts, Literature, History, Travel, Biography, and Fiction.

There are approximately 24,000 volumes classified and catalogued. A number of interesting collections have been accessioned this year. Some of the Alumni are making it a practice to present single volumes and collection of books to the Library.

An excellent file of William Jewell debates is being made and preserved.

In the Reading and Reference Rooms, which are commodious and comfortable, are to be found encyclopedias and other books of reference, the leading daily papers of the Middle West and some from other sections, a large number of religious papers, the most prominent literary magazines, quarterlies and scientific periodicals of America and some of foreign countries.

**VARDEMAN HALL**—The large frame building known as Varde-man Hall and long used by the Boarding Club, has now become the armory of the two military companies of the college.

### DORMITORIES.

**ELY HALL**—This building was erected in 1881 and named in honor of Lewis B. Ely. Its situation is commanding on the crest of Jewell Hill. The building is of brick with slate roof. It is three stories in height, furnished with electric lights, steam heat, hot and cold water. The first floor accommodates the Co-op, Y. M. C. A., the office of the Student, the typewriting room, toilets, lavatories and barber shop. The second and third floors are used as dormitories and will accommodate 32 men. Students rooming in Ely Hall will be required to care for their own rooms. The rooms, however, will be neatly and comfortably furnished with everything required, except bed clothes and towels.

**COTTAGES**—There are three cottages used as dormitories: West Cottage, Middle Cottage and East Cottage. They furnish accommodations for fifty-two students. The buildings are frame and they are heated by stoves. They are delightfully located on the east campus. They are not modern, but they are entirely comfortable and wholesome. Some of the very best students on the Hill live in the cottages. Students rooming in the cottages will be required to care for their own rooms; to furnish their own bedding and lights, and to make their own fires. Fuel, however, will be furnished by the college.

**THE NEW DORMITORY**—The New Dormitory is located on the summit of Ely Hill and is called New Ely Hall. Its first floor is approached from the Cliff Drive and the second floor from the College Green. From the front veranda one may look towards the southeast and the view commands the hills on the northeast and the east, the Nebo Hills on the southeast, the entire Rush Creek Valley, the Missouri bottoms and five miles of the river itself, and the far-lying, majestic hills of Jackson

County. From this position one may count the trains of five trunk lines.

The dormitory itself is constructed of A1 Diamond Brick, laid in black mortar with scratched joints, and is finished with a massive tile roof. The trimmings are Carthage stone and terra cotta. The first floor consists of large kitchens and pantries and serving rooms in the center with the ordinary dining room on the south. On the north is a banquet room, also a private dining room and the hospital with two private rooms and ward.

The dormitory is constructed on the unit plan, which affords the greatest quiet for the students and procures the best good order. The students live in units of from eight to twelve. Each unit is entirely to itself and is provided with its own baths, etc. The light and ventilation have been carefully looked after and the building is absolutely fire-proof from top to bottom. Most of the rooms are for one man only, but there are also double rooms and several suites of rooms. The dining rooms will accommodate as many as 360 men at one sitting and there are living rooms for 120.

Including the furnishings the building has cost a little more than \$100,000. So far as known, every valuable modern idea has been made use of in the planning and construction of the new dormitory and it is believed that the horizontal unit system devised for this building will mark a new era in the building of school dormitories.

Occupants will be required to furnish only their bed clothing and towels, but they will be expected to make their own beds and to keep their rooms in order. All rooms, however, will be swept and cleaned by the janitors.

**THE DINING HALL**—For more than a generation, wholesome food at lowest cost has been one of the ruling traditions at William Jewell College. Almost 40 years ago the Vardeman Boarding Club was organized, and from that time until September, 1911, with student management, it continued to operate. The Vardeman Boarding Club has been one of the great blessings of the College. It was not deemed wise, however, to entrust so large a plant as the new dining hall to inexperienced managers, as must always be the case with student management. With this in view, the college authorities undertook to provide wholesome board in the new hall at \$2.50 per week. Under the management of Mrs. J. E. Cook, the dining hall the past year has given great satisfaction to the students, and the College has lost no money on the venture. Therefore, the College announces board again next year at \$2.50 per week. Rooms in the dormitories

will be rented only to those who take their meals in the dining hall. A prize essay on "An Hour's Visit to the New Dormitory" will be sent gratis upon application.

#### ALLOTMENT OF ROOMS.

The students occupying rooms in any of the dormitories may retain them for the coming year by making application previous to May 15th. A deposit of \$5.00 must be made at the time of making the application, and the remainder of the room rent must be paid not later than the opening day of the next session. Rooms not so paid for in full will not be held and the deposit will be forfeited.

All rooms vacant on May 15th will be assigned by lot to the applicants at that time. Subsequent to the annual allotment vacant rooms will be given to applicants in the order of their application, upon the above mentioned terms as to the deposit and payment of rent.

#### DISCIPLINE.

The discipline of the dormitories and the dining hall is in charge of Dr. Cook. Students occupying rooms in the dormitories are expected to be gentlemen and to do good work. Rooms will be forfeited for disorder, negligence, idleness or bad conduct.

#### ROOMS OFF THE HILL.

Students unable to room in the College dormitories will be allowed to room at places approved by the President. Each student is required to file his place of residence with the Treasurer, and also to give notice of any change he proposes to make in his rooming or boarding place. A list of approved boarding and rooming places will be supplied the student from which he must make his selection. Good board and room may be had in the town at from \$4.00 to \$5.00 per week. Some students have greatly reduced their costs of living by renting rooms and "batching." This mode of living is undesirable and never advised except as the only means of getting an education.

## ADMINISTRATION.

### THE COLLEGIATE YEAR.

The Session begins on Monday, September 9, 1912, and closes on Wednesday, June 4, 1913. It is divided into three terms, whose limits are as follows:

The Fall Term opens Monday, September 9th; closes Friday, December 20th, 4:15 p. m.

The Winter Term opens Thursday, January 2, 1913; closes Thursday, March 20th, 4:15 p. m.

The Spring Term opens Friday, March 21; closes Wednesday, June 4, 1913.

## REGULAR FEES.

Entrance fee, per term, payable in advance.....	\$ 5.00
Tuition, per term, payable in advance.....	15.00
Entrance fees and tuition for entire year, if paid in advance. . . . .	50.00
Athletic Association fee, \$3.00 first term, \$1.00 each second and third terms.....	5.00

## FEES IN SPECIAL SUBJECTS.

Laboratory fee in Chemistry, per term, payable in advance. . . . .	\$ 5.00
Laboratory fee in Physics, per term, payable in advance..	2.50
Fee in Mechanical Drawing, per term, payable in advance.	2.50
Laboratory fee in Bacteriology, per term, payable in advance. . . . .	5.00
Laboratory fee in Biology, per term, payable in advance.	2.50
Laboratory fee in Mineralogy, per term, payable in advance. . . . .	2.50
Fee for use of typewriter, per term.....	5.00
For use of typewriter, per year, if paid in advance.....	10.00

## DORMITORY FEES.

Room rent in Cottages, per year, including heat.....	\$17.50
Room rent in Ely Hall, per year, including light and heat	25.00
Room rent in New Ely Hall, per year, single room.....	50.00
to \$90.00.	
Room rent in New Ely Hall, per year, double rooms.....	30.00
to \$60.00.	
Board at New Ely Hall dining room, per week.....	2.50

## GRADUATION FEE.

Payable before delivery of diploma.....	\$ 5.00
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## EXTRA FEES.

Students classifying and enrolling later than three days after the beginning of the fall term or later than two days after the beginning of either the winter or spring term, will be charged an extra fee. This fee will be \$5.00 for those previously enrolled, and \$3.00 for new students.

## CAUTION FEE.

Each student is required to deposit a Caution Fee of \$5.00 with the Treasurer, which will be returned to him when he withdraws regularly from school, less whatever charges may be against him for breakage and damage to the College property.

## REGULATIONS AS TO FEES.

(1) No student will be permitted to attend more than one recitation in any class until he has paid his bills and received the receipt of the Treasurer in his course book.

(2) Tuition fees and room rent will in no case be refunded by the Treasurer, 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 no case is the entrance fee returned.

## EXPENSES PER YEAR.

	Lowest	Average	Highest
Entrance and tuition fees.....	\$ 50.00	\$ 50.00	\$ 50.00
Athletic fee. ....	5.00	5.00	5.00
Board. ....	95.00	95.00	95.00
Room rent. ....	17.50	42.00	90.00
Fees, special subjects.....	.....	5.00	25.00
Books, washing, estimated.....	15.00	20.00	35.00
Lecture course, voluntary.....	.....	2.00	3.50
Literary society dues, voluntary..	.....	3.00	5.00
Y. M. C. A., voluntary.....	.....	5.00	10.00
Total. ....	\$182.50	\$227.00	\$318.50



## FINANCIAL AID AND SCHOLARSHIPS.

## FREE TUITION.

It has ever been the custom at William Jewell to give free tuition to students for the ministry and to sons of ministers. Applications for this privilege must be made to the Treasurer of the College, who will furnish suitable blanks and information for this purpose. It is the intention of the College to see that every worthy student for the ministry, and every worthy son of a minister, applying, shall be able to attend William Jewell College.

In every case the student for the ministry must present an ordination paper, a license to preach, or the formal approval of his church.

## AID TO MINISTERIAL STUDENTS.

The College, with the coöperation of the Baptist Ministerial Education Society of Missouri, undertakes to aid in the payment of their living expenses all worthy and needy students for the gospel ministry. The aid given is never intended to be more than is absolutely necessary, and never in any year exceeds \$75.00. In return for this help, the students receiving it are expected to do a reasonable amount of work in and around the College. This aid is extended only to men who have been in school as long as one year, and who have also shown themselves to be industrious students and good men.

The above regulations are made to ensure self-respect in those receiving this help and proper discipline in the College, and to make distinctions between the worthy and the unworthy.

## AID TO LITERARY STUDENTS.

The scholarships hereinafter mentioned are distributed, as far as possible, to literary students. The Treasurer of the College gives especial attention to finding employment for literary students. It is the intention of the College to make it possible for every worthy young man desiring an education in William Jewell College to obtain it. The President has a small private fund that is also available for literary students who are in temporary need.

## MEDALS AND PRIZES.

THE PROSE MEDAL—Professor James G. Glark offers a gold medal for the best prose article contributed to *The Student* during the session.

THE POETRY MEDAL—Formerly given by Professor R. P. Rider for the best poem contributed to *The Student* during the session, will be continued.

THE SENIOR SOCIETY MEDALS—The two senior literary societies offer, jointly, to their members, gold medals for oratory, debate, essay, reading and declamation.

THE JUNIOR SOCIETY MEDALS—The two junior literary societies offer, jointly, to their members, gold medals for oratory, debate, essay, reading and declamation.

THE JOHN W. RIDER SOCIOLOGY PRIZE—Five dollars in cash during the present year, for the best thesis on the subject, "The Problem of Amusements and Recreation for Boys."

THE D. A. R. AMERICAN HISTORY PRIZE—Given by the Gen. Alexander Doniphan Chapter, Liberty, Mo., of the Daughters of the American Revolution. A gold medal is offered for the best thesis on "The History of the Santa Fe Trail."

## SCHOLARSHIPS.

There are available thirty-four scholarships, for tuition, governed by donors (for sons or grandsons) or by churches, as follows:

Seven perpetual scholarships, for tuition, governed by donors while they live; after their death governed by the faculty of the College.

Students 1902-1903 scholarships, perpetual, for tuition governed by the faculty and open now to competition.

Melvin Scholarship, perpetual, established by Mrs. Mary M. Melvin, by will, in honor of her husband, Thos. F. Melvin, also deceased.

John Sillers Scholarship, perpetual.

Marston Scholarship—This scholarship yields \$200 and is for a William Jewell College graduate in Brown University, and is open to competition under rules prescribed by the faculty. The scholarship was founded by Mr. E. L. Marston, son of Rev. S. W. Marston, D.D., who was for three years, from 1873, Superintendent of State Missions for the General Association.

Dr. Marston is remembered especially as contributing largely and valuably, in specimens, to the College Museum.

## ORDER.

Students are under the discipline of the College from the time they matriculate until they are regularly dismissed.

It is the desire of the College to grant every privilege to students that is consistent with Christian living and devotion to duty. Every student accepted for matriculation is required to sign a pledge to obey the rules and regulations of the College.

Any gross immorality or persistent negligence of duty is sufficient reason for sending a student home.

If a student fails to present promptly to his teacher or to the proper person a satisfactory excuse for negligence in scholarship or attendance on any class or required exercise (such as chapel services, class and gymnasium duties) he will be summoned before a committee who will investigate the delinquency and (if the student is found to be in fault) put him on probation.

Students on probation are required to report to the committee weekly and during this period of time are not allowed to engage in any public function—either literary, athletic or musical. Their parents or guardians are notified of the probation, and the fact is also inserted in the student's college record.

If this fails to bring about, immediately, the desired effect, the committee will summon the student before the faculty for final action, which will mean his exclusion from College unless extenuating circumstances prompt the faculty to extend the period of probation, in which case the extension will be for three months and with the understanding that the student is to withdraw from the College on the first breach of this probation.

Two unexcused absences in one week, or two in succession from either class, gymnasium or chapel exercises, is sufficient delinquency to cause a student to be summoned before the committee.

## CHAPEL.

Chapel services are held daily at 11:30 a. m. All students are required to attend chapel unless excused by the faculty, or by the committee on chapel delinquencies.

## RELIGIOUS INFLUENCES.

The daily chapel service, the daily morning prayer-meeting conducted by the students, and the earnest work of an efficient Young Men's Christian Association, are very effective means in checking any tendency of students to lose spirituality.

The College stands for loyalty to Christ and His teaching. The Professors believe that any education is defective that fails to produce Christian character.



## REQUIREMENTS FOR ADMISSION.

Fifteen units of preparatory work are required for admission to the Freshman class. By a unit is meant an amount of work equal to that accomplished in a well-equipped high school or academy, in a term of not less than thirty-two weeks, by a class reciting not less than forty minutes each day. The amount and character of the work required for each unit is outlined below.

Admission to the Freshman class, subject to the probation rule, may be obtained on a statement from the principal of an approved high school or academy that the applicant has passed satisfactorily in that school on work satisfying our entrance requirements. A blank for such a statement will be furnished by the Secretary of the Faculty on request. This should be filled out by the principal of the school and returned to the Secretary of the Faculty not later than one week before the opening of the term in which the prospective student desires to enter.

Students who are deficient in any part of the work required for admission can find classes in our sub-collegiate department in which the deficiency can be made up.

## OUTLINE OF ENTRANCE REQUIREMENTS.

*(The following refers to work done in high schools and academies.)*

### ENGLISH.

Three units must be offered for entrance to either group of college studies, and a fourth unit may be offered for entrance to either group. Either the following or the equivalent must be offered:

#### 1. GRAMMAR:

*"A Working Grammar of the English Language" (Fernald).*  
*"The English Language and Its Grammar" (Mead).*  
*"Grammar and Its Reasons" (Leonard). 1 unit.*

#### 2. ELEMENTS OF RHETORIC:

*"English Composition" (Thomas and Howe).*  
*Reading: "Vicar of Wakefield;"*  
*Lamb's "Tales from Shakespeare;"*  
*George Eliot's "Silas Marner." 1 unit.*

## 3. LITERATURE:

*"Primer of English Literature"* (Brooke);  
*Selected Classics. American Literature, "Carpenter's  
Prose,"*

*Selected Classics, Page's "Chief American Poets."* 1 unit.

## LATIN.

Four units must be offered for entrance to group A; for entrance to group B, four units of Latin or three units of Latin and one unit of German.

1. D'Ooge, *Latin for Beginners*, or a book of equal grade, completed. 1 unit.

2. Four books of Cæsar's *Gallie War*; or selections from Cæsar's writings or other Latin, equaling this requirement in amount and difficulty. Prose composition should occupy one-fifth of the recitation periods of the class during this course. 1 unit.

3. Cicero, six orations, including the *Manilian Law*, with prose composition based on the text read. 1 unit.

4. Vergil, six books of the *Æneid*; or four books of the *Æneid*, and selections from Ovid, not less than 1,400 lines. Prose composition, with a systematic review of the principles of syntax, one lesson per week throughout the year. 1 unit.

No student will be allowed to continue in the freshman class beyond the probationary period who does not know the declensions and conjugations thoroughly, and know the common principles of syntax.

Course 4, if not offered for entrance, will receive 9 term hours of college credit in group B.

## GREEK.

One unit is required for entrance to group A, and the second unit may be offered for entrance to this group; one or both units may be offered for entrance to group B.

1. **ELEMENTARY GREEK:** *Benner and Smyth's Beginner's Greek Book*, complete; or *White's First Greek Book*, complete; or an equivalent. 1 unit.

2. *Xenophon: Anabasis.* Books I-IV, with exercises in composition; or an equivalent. 1 unit.

If not offered for entrance, the first unit will receive 9 term hours college credit in group B, and the second unit will receive 9 term hours college credit in either group.

## MODERN LANGUAGES.

Two units, selected in any way from the following courses, may be offered as electives for entrance to group A. For entrance to group B, one unit of German, or the fourth unit of Latin, must be offered, and two additional units of modern language, selected in any way from the following courses, may be offered as electives.

1. GERMAN. The rudiments of grammar, thoroughly learned and studied with exercises; about 100 pages of Maerchen or short stories. 1 unit.

2. GERMAN: Advanced grammar. Conversation. 250-300 pages of reading of standard German authors. Theme writing. 1 unit.

3. FRENCH: Elementary grammar. 75-100 pages of easy reading. 1 unit.

4. FRENCH: Advanced grammar. Conversation. 250-300 pages of reading of standard French authors. Theme writing. 1 unit.

5. SPANISH: Elementary grammar. 75-100 pages of easy reading. 1 unit.

6. SPANISH: Advanced grammar. Conversation. 300-400 pages of reading of standard authors. 1 unit.

At least two years of German is required for graduation in group B. Any of the above courses, if not offered for entrance, may be offered for credit in college, each course receiving 9 term hours credit.

## MATHEMATICS.

Two and one-half units must be offered for entrance to group A, and three units for entrance to group B. The remaining units may be offered for entrance to either group.

1. A thorough knowledge of elementary algebra through quadratics, including elementary curve tracing, with special emphasis on fractions, theory of exponents, quadratic equations, and simultaneous equations.  $1\frac{1}{2}$  units.

2. A course in plane geometry of not less than thirty-two weeks in some standard text. 1 unit.

3. A course covering the principal theorems of solid geometry.  $\frac{1}{2}$  unit.

4. Plane trigonometry, including a thorough knowledge of the elementary trigonometric functions, the solutions of right

and oblique triangles, and the solution of trigonometric equations.  $\frac{1}{2}$  unit.

No student deficient in algebra will be permitted to continue in freshman mathematics beyond the probationary period.

If plane trigonometry or solid geometry is not offered for entrance, either will receive 5 term hours credit in the college.

## SCIENCE.

One unit of physics is required for entrance to either group. One unit of chemistry or one unit of biology or one-half unit of physical geography or one-half unit of physiology may be offered for entrance to either group.

1. PHYSICS. The preparation in physics should include: (a) Individual laboratory work, comprising at least thirty-two exercises not very different from those described in Milliken and Gale's "A Laboratory Course in Physics." These experiments should be divided in about the following proportion: Mechanics, 12; electricity and magnetism, 6; heat, 5; light, 5; sound, 4. A note-book containing the student's own record of his experiments, written in the laboratory at the time that the experiments were performed, and certified to by the teacher, should be submitted at the time of application for entrance. (b) Instruction by lecture, table demonstrations, to be used mainly as a basis for questioning upon the general principles involved in the subject. (c) The study of a text-book equal in scope to Milliken and Gale's "First Course in Physics." 1 unit.

2. CHEMISTRY. The course in chemistry which may be offered as an elective entrance requirement in science should comprise a minimum of thirty-two weeks of regular work in the better class of high schools and academies of this and neighboring states. There should be a minimum of two sessions per week in the laboratory, each occupying the time of at least two ordinary class sessions, and regular class and recitation work in addition, to the extent of at least three periods per week. The class should pursue the work as outlined in some standard high school text, and the recitations should be illustrated with experimental demonstrations. The student should perform for himself in the laboratory the appropriate work as laid down in a standard laboratory manual, and should himself record at the time his own observations and deductions in a note-book, which note-book should be graded and certified to by the instructor and presented on entrance to college, together with



class and examination grades. Emphasis will not be laid upon the rare elements and unusual compounds, but the student must show a fair familiarity with the details of the more common elements and their salts. Especially should he be able to express himself in chemical formulas and make calculations of weights of reagents entering into chemical reactions, as well as densities and volumes of gases evolved. 1 unit.

3. BIOLOGY. (a) Zoology. Daily recitations for one-half year.  $\frac{1}{2}$  unit.

(b) Botany. Daily recitations for one-half year.  $\frac{1}{2}$  unit.

In either of the above courses, work will be accepted only upon the presentation of note-book showing the nature of the work done.

4. PHYSICAL GEOGRAPHY. Davis, Dryer, Tarr, or text of equal grade, completed. Note-book must be presented showing the nature of the work done.  $\frac{1}{2}$  unit.

5. PHYSIOLOGY. Daily recitations for one-half year, including laboratory work, will be accepted for  $\frac{1}{2}$  unit, if satisfactory note-books on laboratory work are presented.

Courses in beginning Chemistry and Biology are given in the College. Students offering these subjects for entrance and desiring to take more advanced work in them in the college will usually find it necessary to do some additional work in them in the college before attempting the advanced course. The amount of such additional work required, if any, will be determined by the head of the department concerned, after an examination, not necessarily written. For such additional work college credit, not to exceed two-fifths of the usual college credit for the corresponding beginning course, will be allowed.

### HISTORY AND CIVICS.

One unit of ancient history is required for entrance to either group. Three additional units selected from those outlined below may be offered for entrance to either group, and one-half unit in civics, as outlined below, may be offered.

1. ANCIENT HISTORY. The work should be pursued with a class, using some standard text, as West's or separate texts for each country may be used, as Botsford's Rome. The subject should include the history of Greece and of Rome to its fall. Proper attention should be given to civilization and government, as well as the narration of events. Location of cities

and political divisions should be known; the drawing of maps is recommended. When such a course has been continued daily for three-fifths of a year in daily recitations, or throughout the year reciting three times a week, three-fifths unit credit will be given, and this is the minimum amount that will be accepted for entrance. If the course has been made very complete, with supplementary reading, and Egypt and other Eastern countries included, a full year's time may be spent with profit on the subject, and the maximum, one unit's credit received.

Required for entrance to either group. If the requirement of one unit has not been met by the work offered in ancient history, the remainder, as well as optional credit for partial year's work, or more, may be selected from the following:

2. UNITED STATES HISTORY, when the course has been given within the last two years of a four-year high school course, using such texts as Channing's, McLaughlin's, Johnston's, edited by MacDonald. In this course there should be library reading and note-books. Credit not to exceed 1 unit for a full year's course, when done in class.

3. ENGLISH HISTORY, treated as outlined above in United States History, based on Andrew's, Cheyney, or an equivalent. Credit as in course 2.

4. MEDIAEVAL HISTORY, from 476 to 1500, will be accepted if not less than three hours a week for the entire year have been given to the study in the class-room, using as text Bemont and Monod's, Thatcher and Schwill's, or an equivalent. In addition to text, library reading, map drawing and note taking accompany the class text. Three fifths unit.

5. CIVICS, an advanced course of civics given in last year of high school and preceded by American History.

## COLLEGIATE COURSES OF STUDY AND DEGREES.

The college offers two courses of study leading to the degrees, A.B. in Literature and A.B. in Science, which, for convenience, will also be designated as group A and group B, respectively. One hundred and ninety-two term hours are required for graduation.

### MASTER OF ARTS.

After June, 1913, the College will not entertain any application for permission to study *in absentia* for the degree of Master of Arts. Persons desiring to study for this degree must make timely application to the faculty and must complete the work within three years of the date of application.

#### ABSOLUTE ENTRANCE RE- QUIREMENTS FOR A.B. IN LITERATURE.

English . . . . .	3	units
Latin . . . . .	4	units
Mathematics . . . .	2½	units
Ancient History . .	1	unit
Physics . . . . .	1	unit
Greek . . . . .	1	unit

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12½ units

In addition, 2½ units must be selected from the following:

History . . . . .	3	units
Science . . . . .	2	units
Modern Language . .	2	units
Mathematics . . . .	1	unit
Civics . . . . .	½	unit
English . . . . .	1	unit

#### ABSOLUTE ENTRANCE RE- QUIREMENTS FOR A.B. IN SCIENCE.

English . . . . .	3	units
Latin . . . . .	3	units
Mathematics . . . .	3	units
Ancient History . .	1	unit
Physics . . . . .	1	unit
German or addi- tional Latin . . . .	1	unit

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12 units

In addition 3 units must be selected from the following:

English History . . .	3	units
Science . . . . .	2	units
Modern Language . .	2	units
Mathematics . . . .	½	unit
Ancient Lang. (1 Lat. 1 Greek) . . . .	2	units
Civics . . . . .	½	unit

## REQUIREMENTS FOR A. B.

## ABSOLUTE COLLEGE REQUIREMENTS IN GROUP A.

	Term Hours
Latin 2, 3, (Fr.).....	9
Greek 1, 2, (Fr.).....	9
Latin or Greek (Soph.)..	9
English 1, 2, (Fr.).....	9
English 11, 12, (Soph.)..	9
History 1, (Fr.).....	5
History 3, 4.....	8
History 7, (Sen.).....	5
Mathematics 1, (Fr.)....	5
Philosophy 1, (Fr.).....	4
Philosophy 2, (Soph.)...	4
Philosophy 3, (Jun.).....	4
Philosophy 4 or 5 (Sen.)..	3
Political Science 1, (Jun.)	5
†Laboratory Science, selected from Chemistry, Physics and Biology...	18
Biology 5, 6 and 7.....	2
Physical Ed. 1, 2, 3.....	3

111

Free electives..... 81

Total for graduation..192

## ABSOLUTE COLLEGE REQUIREMENTS IN GROUP B.

	Term Hours
Mathematics 1, 2, 2a, or 1, 3, 4, (Fr.).....	15
Chemistry .....	10
Physics 1, 2.....	9
Biology .....	9
*Advanced courses in Chemistry, Physics and Biology .....	9
Calculus (Soph. or Jun.) or Organic Chemistry (Soph.) .....	10
English 1, 2, (Fr.).....	9
History 1, (Fr.).....	5
History 3 .....	4
German 1, 2, (Fr.).....	9
Additional Modern Lang.	9
Philosophy 1, (Fr.).....	4
Philosophy 2, (Soph.)...	4
Philosophy 3, (Jun.)....	4
Biology 5, 6 and 7.....	2
Physical Ed. 1, 2, 3.....	3

115

Free electives..... 77

Total for graduation..192

The abbreviations appended to the various courses indicate the college year in which they should be taken. Courses prerequisite to other courses should always be taken early in the student's program. Not more than two laboratory courses should be undertaken during the same term.

\*The advanced work in Science in Group B must be selected from the following subjects: Chemistry 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13; Biology 3, 4; Physics 4, 5, 6; no one of which can be allowed to satisfy two different requirements.

†Not more than 9 of these 18 hours may be counted from any one of these 3 subjects.

# SCHEDULE OF RECITATIONS.

Hours	Fall Term		Winter Term		Spring Term	
	Subject	Credit	Subject	Credit	Subject	Credit
8:30	Lat. 2. . . . .	4	Astron. 1. . . . .	5	Hist. 4. . . . .	4
	Pol. Sci. 1. . . . .	5	Lat. 3. . . . .	5	Geol. 3. . . . .	5
	Ger. 3. . . . .	4	Ger. 2. . . . .	4	Hist. 6. . . . .	4
	Phil. 4. . . . .	3	Hist. 3. . . . .	4	Ger. 4. . . . .	5
	Min. 1. . . . .	5	Eng. 7. . . . .	4	Eng. 8. . . . .	5
	Math. 7. . . . .	5	Min. 2. . . . .	4	Math. 8. . . . .	5
	Eng. b. . . . .	5	Eng. b1. . . . .	5	Eng. b2. . . . .	5
	Math. d. . . . .	5	Math. e. . . . .	5	Math. e1. . . . .	5
	Lat. d. . . . .	5	Lat. d1. . . . .	5	Lat. d2. . . . .	5
	Hist. a. . . . .	5	Hist. a1. . . . .	5	Civ. d2. . . . .	5
9:30	Math. 1. . . . .	5	Math. 2. . . . .	5	Math. 2a. . . . .	5
	Phys. 1. . . . .	4	Biol. 4. . . . .	4	Hist. 5. . . . .	5
	Hist. 9. . . . .	4	Phys. 2. . . . .	5	Phys. 3. . . . .	5
	Pol. Sci. 7. . . . .	5	Geol. 2. . . . .	5	Phil. 5. . . . .	4
	Geol. 1. . . . .	4	Gr. 5. . . . .	5	Bot. 4. . . . .	4
	Gr. 4. . . . .	4	Phys. 4. . . . .	5	Lat. 7. . . . .	5
	Phil. 7. . . . .	4	Phil. 6. . . . .	4	Gr. 6. . . . .	4
	Bible 5. . . . .	4	Eng. 1a. . . . .	5	Math. b2. . . . .	5
	Eng. a. . . . .	5	Math. b1. . . . .	5	Math. c2. . . . .	5
	Math. b. . . . .	5	Math. c1. . . . .	5	Eng. a2. . . . .	5
	Math. c. . . . .	5	Lat. b1, Sec. 2. . . . .	5	Lat. b2, Sec. 2. . . . .	5
	Lat. b, Sec. 2. . . . .	5	Lat. c1, Sec. 1. . . . .	5	Lat. c2, Sec. 1. . . . .	5
	Lat. c, Sec. 1. . . . .	5				
10:30	Chem. 1. . . . .	5	Chem. 2. . . . .	5	Chem. 3. . . . .	5
	Chem. 1a. . . . .	5	Chem. 5. . . . .	5	Chem. 9. . . . .	5
	Chem. 4. . . . .	5	Lat. 8c. . . . .	4	Lat. 9. . . . .	5
	Pol. Sci. 6. . . . .	4	Pol. Sci. 3. . . . .	4	Math. 6a. . . . .	5
	Lat. 4. . . . .	5	Chem. 2a. . . . .	5	Eng. c2. . . . .	5
	French 3. . . . .	4	French 4. . . . .	5	Math. s2. . . . .	5
	Math. 5. . . . .	5	Math. 6. . . . .	5		

10:30	Graph. 1, 2, 3, 4.....	2	Graph. 1, 2, 3, 4.....	2	Lat. b2, Sec. 1.....	5
	Eng. c.....	5	Eng. c1.....	5	Hist. d2.....	5
	Math. a.....	5	Math. a1.....	5	Physiog. c1.....	5
	Math. s.....	5	Math. s1.....	5		
	Lat. b, Sec. 1.....	5	Lat. b1, Sec. 2.....	5		
	Hist. d.....	5	Hist. d1.....	5		
			Physiog. c.....	5		

CHAPEL AND NOON INTERMISSION.

1:15	Ger. 1.....	5	French 1.....	5	French 2.....	4
	Biol. 5.....	2	Biol. 6.....	2	Math. 4.....	5
	Pol. Sci. 5, 5a.....	5	Math. 3.....	5	Hist. 8.....	4
	Eng. 5.....	4	Hist. 7.....	5	Gr. 3.....	5
	Gr. 1.....	4	Gr. 2.....	5	Math. c2, Sec. 2.....	5
	Math. 2b.....	5	Phil. 1.....	4	Biol. 7.....	2
	Math. c, Sec. 2.....	5	Math. c1, Sec. 2.....	5	Lat a2, Secs. 1 and 2.....	5
	Lat. a, Secs. 1 and 2.....	5	Lat. a1, Secs. 1 and 2.....	5	Civ. a2.....	5
	Phys. d.....	4	Phys. d1.....	5		
2:15	Span. 1.....	5	Span. 2.....	4	Gr. 9.....	5
	Hist. 1.....	5	Gr. 8.....	5	Biol. 3.....	4
	Biol. 1.....	5	Eng. 1.....	5	Chem. 6.....	5
	Gr. 13.....	5	Biol. 2.....	4	Eng. 2.....	4
	Bible 3.....	4	Lat. 12.....	5	Lat. 6.....	5
	Math. b.....	5	Bible 4.....	4	Eng. d2.....	5
	Eng. d.....	5	Eng. d1.....	5	Math. b2.....	5
	Hist. c.....	5	Math. b1.....	5	Hist. c2.....	5
	Bible d.....	4	Hist. c1.....	5	Bible d1.....	5
			Bible d1.....	5		
3:15	Eng. 11.....	4	Phil. 2.....	4	Phil. 3.....	4
	Span. 3.....	5	Eng. 6.....	5	Eng. 12.....	5
	Lat. 13b.....	5	Span. 4.....	4	Gr. d2.....	5
	Gr. d.....	5	Lat. 11.....	4	Ger. d2.....	5
	Ger. d.....	5	Gr. d1.....	5	Bible c2.....	5
	Bible c.....	4	Ger. d1.....	5		

## GENERAL NOTES ON THE COURSES OF STUDY.

### EXTRACTS FROM THE COLLEGE REGULATIONS.

I. A student must offer for his graduation at least one of the groups of absolute requirements and also a sufficient number of free electives to aggregate 192 term hours of college work.

II. If work done in a preparatory school should be accepted for advanced standing in college, not more than nine term hours' credit shall be given for one entrance unit.

III. If college work should be offered for entrance, a student may receive one unit credit for nine term hours' work; but not more than one unit's credit shall be given for Latin d, d1, d2; or Greek d, d1, d2; or German d, d1, d2.

IV. No student shall receive both entrance and college credit for the same work. If a student, who has offered a course for entrance, repeats a similar course in college, he shall not receive more than two-fifths of the usual college credit therefor. If a student is allowed entrance credit on any subject and later elects or is required to review this work in the sub-collegiate department he shall lose the entrance credit until he makes a passing grade therein in the regular way.

V. If a required college course should be offered for entrance, the number of absolute college requirements is thereby reduced, leaving a larger number of electives.

VI. No substitution of any kind will be allowed for *any* course, *partial* course or *examination*.

VII. Every student must carry at least three required courses throughout each term of his Freshman and Sophomore years, and must pursue these courses in their proper order.

VIII. A student who has not satisfied the college entrance requirements, ~~must~~, as far as possible, choose subjects that will remove entrance conditions. In no case shall a sub-collegiate student take or receive credit for a course for which there is a college prerequisite, or which is intended primarily for students classified beyond the Freshman year.

CLASSIFICATION.

The classification of students is confined to the following heads: Sub-collegiate, Freshman, Sophomore, Junior, Senior, and Graduate.

(a) A student shall be classified as *Freshman* if the number of term hours required for his graduation lies between 156 and 105, including his conditions for entrance and excluding the year's work in actual progress.

(b) He shall be classified *Sophomore* if the number of term hours required for his graduation lies between 104 and 53, under the same conditions as above.

(c) To be classified a *Junior*, the student shall have removed every condition for entrance to college, and the number of term hours required for his graduation shall lie between 52 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 shall be classified a *Senior*. After 1912 no student can be classified Senior unless he has already had placed to his credit five term hours of physical culture.

(e) If a student enters any class his right to become a member thereof will not be decided until he shall have successfully passed a probationary period of one-half term and thus evidenced his ability to do the work of the class. If it is evident at the close of this period that the student is unable to do the work of the class satisfactorily, he shall be dropped to a lower class.

(f) No student shall carry work which would aggregate more than 20 hours' credit per term, unless one hour of his credit is in physical culture, in which case he may have a maximum of 21 hours. This number will be reduced to 17 for ministerial students who preach regularly more than twice a month.

This regulation applies to all courses, collegiate and sub-collegiate, and also to review courses, debates and work done under tutors.

(g) Students are not permitted to carry less than 14 hours of work without the consent of the faculty.

(h) No student will be permitted to drop or exchange a study later than two weeks after the beginning of the term without the consent of the faculty.



## SUMMER WORK AND TUTORS.

I. While no summer school is maintained by the College, private arrangements may often be made with the different professors by which summer work can be done under the following conditions:

Credit for summer work may be given on the basis of one term hour credit for one hour of recitation in class for twelve days; two hours of recitation in class for six days; three hours of recitation in class for four days; four hours of recitation per day is not given hour-for-hour credit. All class recitations shall be accompanied with the regular proportion of preparation and laboratory work usual in the regular session. No student shall receive credit for less than one term's work in any study, nor for more than fifteen term hours' work in any one summer.

II. Any person wishing to do summer work shall have a teacher approved by the head of the department in which the work lies, and shall have his course written in the course book by the teacher, together with the date of entrance, the number of recitation days per week, the number of hours of recitation per day, and, at the conclusion of the course, the number of weeks the course has been pursued. But the number of hours' credit to be given for such courses must be assigned by the classification committee, acting according to the rules governing summer work.

III. Courses to be taken by a tutor must first be approved by the faculty, and then be written in the course book by the classification committee, who will also insert the name of the tutor approved by the head of the department in which the work lies.

## GRADING AND EXAMINATIONS.

Three stated examinations of each class, in writing, are held during the session; one at the end of each term, each embracing the subjects discussed during the term.

All written examinations are conducted upon the so-called "Honor System," which has been established in this institution by the voluntary action of the students themselves, with the consent and approval of the faculty. According to this system, every student is placed upon his honor, as a gentleman, not to practice any sort of dishonesty in the preparation of his exami-

nation papers. And he is required to append to each paper a certificate to the effect that he has "neither received nor given aid during this examination."

Papers thus certified will be received without question and graded by the instructor in charge of the examination. Any student detected in any sort of dishonest work during an examination thereby renders himself liable to summary discipline by the class of which he is a member.

(I) No student is allowed to take an examination in any subject in which he has failed to attain a class grade of D.

(II) To complete the work of a term in any subject, a minimum grade of D is required, both in class work and on examination.

(III) The schedule of examinations is as follows:

Classes reciting at 8:30, examined 1st day, a. m.  
Classes reciting at 1:15, examined 1st day, p. m.  
Classes reciting at 9:30, examined 2d day, a. m.  
Classes reciting at 2:15, examined 2d day, p. m.  
Classes reciting at 10:30, examined 3d day, a. m.  
Classes reciting at 3:15, examined 3d day, p. m.

Irregular hours to be arranged with the teacher within the above period.

(IV) At the exercises of commencement day those students who have attained a grade of A at their final examination in any subject and who have not been disciplined by the college for any negligence of duty or bad conduct will be announced as "Honor Men" in that subject.

(V) A student who does not make passing grades in at least eight hours of his work in any term will not be allowed to enroll for the next following term; except that if he can show a reasonable excuse for his failure, such as sickness or prolonged absence for an excusable reason, he may be admitted by special vote of the faculty.

Reports setting forth the student's progress in scholarship and deportment will be sent to parents and guardians at the end of each term and at mid-term periods when it is deemed advisable. Grades will be expressed in the letters A, B, C, D, and F. The first four letters represent passing grades and indicate percents ranging from 100 to 60, inclusive. F represents failure.

## COURSES IN DETAIL.

## COLLEGIATE AND SUB-COLLEGIATE.

## ENGLISH BIBLE.

DAVID J. EVANS, A. M., TH. D.

*Professor of English Old Testament.*

WALTER O. LEWIS, A.M., PH.D.

*Professor of English New Testament.*

In view of the fact that a knowledge of Biblical literature is recognized as an essential factor in a liberal education, the following courses are offered as free electives for all college students. Credits toward the A.B. degree will be granted as indicated in the description of the various courses.

## OLD TESTAMENT.

*Bible Study 1.**Credit, 4 hrs.**Professor Evans.*

Fall term Tu., Wed., Thu., Fri., at 10:30. Elective in both groups.

Genesis to Samuel II. Special attention is given to the beginning of Hebrew life and literature. References from contemporaneous history will be read, with a view to a study of religious beliefs and institutions.

*Text: Revised Version, American Standard Edition.*

## OLD TESTAMENT.

*Bible Study 2.**Credit, 4 hrs.**Professor Evans.*

Winter term. Tu., Wed., Th., Fri., at 10:30. Elective in both groups for those who have completed 1.

I Kings to Canticles. A study of the development and decay of the Hebrew Monarchy. Problems of the Devotional and Wisdom Literature treated in detail.

*Text: Revised Version, American Standard Edition.*

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*NOTE—All sub-collegiate work is under the direction of the heads of the respective collegiate departments.*

## OLD TESTAMENT.

*Bible Study 2a.**Credit, 4 hrs.**Professor Evans.*

Spring term. Tu., Wed., Th., Fri., at 10:30. Elective in both groups for those who have completed 1 and 2.

The Prophets. The Prophets and their messages studied in the light of their times. An investigation into the history, character and function of the Prophet in the life of Israel.

*Text: Revised Version, American Standard Edition.*

## NEW TESTAMENT.

*Bible Study 3.**Credit, 4 hrs.**Professor Lewis.*

Fall term. Mon., Tu., Wed., Th., at 2:15.

The Gospels in Harmony.—After a brief survey of the inter-Biblical period, and a rapid review of the contents of each one of the four Gospels, their contents are studied in chronological order.

*Text: Between the Testaments, by C. M. Grant.*

*Harmony of the Gospels and Commentary on Matthew, by John A. Broadus.*

*The Apocrypha.*

## NEW TESTAMENT.

*Bible Study 4.**Credit, 4 hrs.**Professor Lewis.*

Winter term. Mon., Tu., Wed., Th., at 2:15.

The Acts and Epistles. The remaining books of the New Testament are studied, most of the time being devoted to the life of Paul.

*Text: Life and Epistles of St. Paul, by W. J. Conybeare and J. S. Howson.*

## NEW TESTAMENT.

*Bible Study 5.**Credit, 4 hrs.**Professor Evans.*

Fall term. Tu., Wed., Th., Fri., at 9:30.

Biblical Introduction. A study of some of the general questions leading to a more thorough understanding of Biblical Literature.

*Text: Orientalisms in Bible Lands, Rice.**The Land of Israel, Stewart.**The Bible, Its Origin and Nature, Marcus Dodds.**How We Got Our English Bible, J. Paterson Smythe.*

## OLD TESTAMENT.

*Bible Study c.**Professor Evans.*

Fall term. Daily, at 3:15.

Genesis to II Samuel. For all sub-collegiate students and any others whose preparation does not warrant an entrance to the advanced courses. This course, or its equivalent, is for ministerial students a *prerequisite* for further Bible study.

Special attention is given to the spelling and pronunciation of proper names, prominent persons, geography of Bible lands, periods of Old Testament history, etc.

*Text: Revised Version, American Standard Edition.*

## OLD TESTAMENT.

*Bible Study c1.**Professor Evans.*

Winter Term. Daily, at 3:15.

I Kings to Song of Songs. See under course c. Continuation of previous work in historical books, and in addition attention will be given to the form, content and spirit of the poetical writings.

*Text: Revised Version, American Standard Edition.*

## OLD TESTAMENT.

*Bible Study c2.**Professor Evans.*

Spring term. Daily, at 3:15.  
See under course c.

The Prophets. The object of this course is to familiarize the beginner with the Prophets, their messages and their times.

*Text: Revised Version, American Standard Edition.*

## NEW TESTAMENT.

*Bible Study d.**Professor Lewis.*

Fall term. Tu., Wed., Thu., Fri., at 2:15.

The Gospels. For all sub-collegiate students who have completed courses c, c1, c2, and for any others whose preparation does not warrant an entrance to the advanced courses. For ministerial students this course, or its equivalent, is a prerequisite for further Bible study.

A careful study of each book, with no special attempt at chronology or harmony. The principal object is to familiarize the student with the life of Christ, as recorded by the four evangelists.

*Text: Revised Version, American Standard Edition.*

## NEW TESTAMENT.

*Bible Study d1.**Professor Lewis.*

Winter term. Daily, at 2:15.

The Acts and Epistles. For sub-collegiate students who have completed 1. Continuation of d.

*Text: Revised Version, American Standard Edition.*

*Bible Study d2.*

*Professor Lewis.*

Spring term. Daily, at 2:15.

Biblical Geography and History. For those who have had courses c, c1, c2 and d, d1.

*Text: Biblical Geography and History, J. L. Hurlbut.*

### ADDITIONAL COURSES.

For further work in the department of Bible Study for which credit will be allowed toward the A.B. degree, reference may be had to the catalogue of the School of Theology. Courses in Hebrew, New Testament Greek, Church History, and Apologetics are offered under the following conditions, but the total number of hours elected in the Biblical Department for the A.B. course must not exceed 36:

HEBREW. Four hours per week for three terms. Elective for Sophomores. Credit, 12 term-hours.

NEW TESTAMENT GREEK. Two hours per week for three terms. Credit, 6 term-hours. Elective for Sophomores.

CHURCH HISTORY. Four hours per week for one term. Elective for Juniors who have had courses 1-5. Credit, 4 term-hours.

APOLOGETICS. Four hours per week for one term. Elective for Seniors who have had courses 1-5. Credit, 4 term-hours.

## ENGLISH LANGUAGE AND LITERATURE.

JOHN P. FRUIT, A.M., PH.D.,  
*Professor of the English Language and Literature.*

WARD H. EDWARDS, A.M.,  
*Associate in English.*

ROY I. JOHNSON, A.B., B.S.,  
*Associate in English.*

Presuming the student has had good drill in English grammar and the elements of English composition, this course, as a whole, is planned to furnish such training in the practice of the principles of literary composition, and such instruction in the principles of literary criticism as constitute what is generally understood to be a liberal education in this branch of the humanities. A minimum of linguistic work is required, indicating that the intention of the course is general, and so, not offered as special preparation for graduate study.

## RHETORIC.

*Eng. 1.*

*Professors Fruit and Edwards.*

*Credit, 5 hrs.*

Winter term. Daily, at 2:15. For Freshmen. Prerequisites, entrance requirements in English. Required in both groups.

This course contemplates the study and practice of the principles of good prose style.

## ENGLISH PROSE FORMS.

*Eng. 2.*

*Professors Fruit and Edwards.*

*Credit, 4 hrs.*

Spring term. Tu., Wed., Th., Fri., at 2:15. For Freshmen. Prerequisites, English 1. Required in both groups.

Exposition, Argument, Criticism, Narrative and Description are the topics indicating the scope of the course. Much written work in way of exemplification of principles is required.

*Text: Gardiner's Forms of Prose Literature.*



## MIDDLE ENGLISH.

Eng. 11.

Credit, 4 hrs.

*Associate Professor Edwards.*

Fall term. Tu., Wed., Th., Fri., at 3:15. For Sophomores. Prerequisites Eng. 1 and 2. Required in group A. Elective in group B.

*Text: Chaucer. Selected Poems. (Emerson.)*

## ENGLISH PROSE.

Eng. 12.

Credit, 5 hrs.

## FOURTEENTH CENTURY—THE RESTORATION.

*Associate Professor Edwards.*

Spring term. Daily, at 3:15. For Sophomores. Prerequisites, English 1 and 2. Required in group A. Elective in group B.

*Text: Craik's English Prose, Vols. 1, 2, 3.*

## SHAKESPEARE.

Eng. 5.

Credit, 4 hrs.

*Professor Fruit.*

Fall term. Tu., Wed., Th., Fri., at 1:15. For Juniors. Prerequisites, English 1 and 2, 11 and 12, for Juniors in group A; English 1 and 2 for Juniors in group B. Elective in both groups.

This course is devoted to Shakespeare as a dramatic artist.

*Texts: Baker's Development of Shakespeare as a Dramatist.*

*Selected Plays (Tudor's Shakespeare).*

## FROM SPENSER TO SHELLEY.

Eng. 6.

Credit, 5 hrs.

*Professor Fruit.*

Winter term. Daily, at 3:15. For Juniors. Prerequisites, same as for English 5. Elective in both groups.

Selections from the representative poets from Spenser to Shelley are studied critically.

*Text: Hales' Longer English Poems.*

## VICTORIAN POETRY.

*Eng. 7.**Credit, 4 hrs.**Professor Fruit.*

Winter term. Tu., Wed., Th., Fri., at 8:30. For Seniors. Prerequisites, same as for English 5. Elective in both groups.

*Texts: Stedman's Victorian Anthology.*  
*Hugh Walker's Literature of the Victorian Age.*

## ENGLISH PROSE STYLE.

*Eng. 8.**Credit, 5 hrs.**Professor Fruit.*

Spring term. Daily, at 8:30. For Seniors. Prerequisites, same as for English 5. Elective in both groups.

*Texts: Craik's English Prose, Vol. V.*  
*Walker's Literature of the Victorian Age.*

## ROBERT BROWNING: THE DRAMATIC MONOLOGUE.

*English 13 and 14.**Credit, 2 hrs.**Professor Fruit.*

Fall and Winter terms. (Hours to be arranged.) For Juniors and Seniors. Prerequisites, same as for English 5. Elective in both groups.

*Texts: Curry's "Imagination and Dramatic Instinct."*  
*"Browning and the Dramatic Monologue."*

## ELOCUTION.

## READING AND PUBLIC SPEAKING.

*Elocution 1.**No credit.**Professor Johnson.*

Fall, Winter and Spring terms. Tu., and Th., at 9.30. Membership limited, and admission to class by permission only.

The first term will be spent in the study of inflections and tone quality in reading and declamation. The second and third

terms will be devoted to public speaking and oratory, touching on points most conducive to force and clearness. An original oration will be required.

*Text: (To be announced.)*

### SUB-COLLEGIATE ENGLISH.

*Professor Johnson and Assistant.*

#### THE ELEMENTS OF ENGLISH GRAMMAR.

*Eng. a, a1, a2.*

*No credit.*

Fall, Winter and Spring terms. Daily, at 9:30.

These courses are designed for beginners and for those who need a thorough review in the subject. The work of the spring term will be given mostly to a rapid and intensive review of the work of the first two terms.

#### ENGLISH GRAMMAR.

*Eng. b.*

*Credit, 1/3 unit.*

*Professor Johnson.*

Fall term. Daily, at 8:30.

A thorough and detailed study of logical and grammatical expression of thought. Emphasis is laid on the practical application of grammatical knowledge.

*Text: (To be announced.)*

#### GRAMMATICAL ANALYSIS AND HISTORICAL DEVELOPMENT.

*Eng. b1.*

*Credit, 1/3 unit.*

*Professor Johnson.*

Winter term. Daily, at 8:30.

The first half term is spent in sentence analysis as a means of testing, organizing, and increasing the student's theoretical and

practical knowledge of the English sentence. The remainder of the time is spent in tracing briefly the development of the English language through its many stages down to the present.

*Text: Leonard's "Grammar and Its Reasons."*

### INTRODUCTION TO COMPOSITION.

*Eng. b2.*

*Professor Johnson.*

*Credit, 1/3 unit.*

Spring term. Daily, at 8:30.

The Sir Roger De Coverley Papers will be used as a basis for grammatical analysis, study in expressive style, and practice in composition.

### PRACTICAL ENGLISH.

*Eng. c, c1, c2.*

*Professor Johnson.*

*Credit, 1 unit.*

Fall, Winter and Spring terms. Daily, at 10:30.

Course c is a prerequisite for c1 which in turn is a prerequisite for c2. Therefore, special permission must be obtained in case a student wishes to enter the course after the beginning of the year. Three terms of composition. The aim is to cultivate forcefulness, fluency, and beauty in expression. The work will consist mainly in the writing and revision of themes, but some text-book in Rhetoric will probably be used in connection with the course. No student whose grammatical usage and spelling continues poor will be allowed credit.

### AMERICAN PROSE.

*Eng. d.*

*Professor Johnson.*

*Credit, 1/3 unit.*

Fall term. Daily, at 2:15. For fourth year sub-collegiates.

The following classics are read and studied in class: Franklin's "Autobiography," etc., Irving's "The Sketch Book," Cooper's "The Last of the Mohicans," Poe's "Prose Tales," Hawthorne's

"The Scarlet Letter," Emerson's "Essays, First Series," Thoreau's "Walden." In addition, readings are given from all of the American prose writers of note from the earliest colonial times to the present day.

*Text: Carpenter's "American Prose."*

#### AMERICAN POETRY.

*Eng. d1.*

*Credit, 1/3 unit.*

*Professor Johnson.*

Winter term. Daily, at 2:15. For fourth year sub-collegiates.

All of the principal works of Bryant, Poe, Emerson, Longfellow, Whittier, Holmes, Lowell, Whitman and Lanier are read in this course. Readings from the minor American poets are given in class.

*Text: Page's "Chief American Poets."*

#### ENGLISH LITERATURE.

*Eng. d2.*

*Credit, 1/3 unit.*

*Professor Johnson.*

Spring term. Daily, at 2:15.

Several classics are read and studied in class. This course deals with the history of English literature from its beginnings to the present time.

*Text: Brooke's "Primer of English Literature."*

## LATIN LANGUAGE AND LITERATURE.

SELATIE E. STOUT, PH.D.,  
*Professor of Latin.*

RAYMOND H. COON, M.A.,  
*Associate in Latin.*

CHARLES E. PENCE, A.M.,  
*Associate in Latin.*

## CICERO.

*Latin 2.**Credit 4 hrs.**Professor Stout.*

Fall term. Tu., Wed., Th., Fri., at 8:30. Prerequisite,  
four entrance units of Latin. Required in group A.  
Elective in group B.

De Senectute, De Amicitia. Prose Composition. De Senectute  
or De Amicitia is read carefully, the other more rapidly and  
with some practice in sight reading and in reading Latin aloud.  
One hour per week is given to the study of Latin syntax, with  
prose composition based on the text that is being read.

## LIVY.

*Latin 3.**Credit, 5 hrs.**Professor Stout.*

Winter term. Daily at 8:30. Prerequisite, four en-  
trance units in Latin. Required in group A. Elective  
in group B.

Selections. Prose Composition. Selections equivalent to fifty  
Teubner pages are read. In 1912 the selections will be taken  
from the first decade. One hour per week is given to the study  
of Latin syntax, with prose composition based on the text that  
is being read.

*Texts: Dennison, Livy. Book I and selections from Books  
II-X.*

*Allen and Greenough, Latin Grammar.*

## HORACE.

*Latin 4.**Credit, 5 hrs.**Professor Stout.*

Fall term. Daily at 10.30. Prerequisite, courses 2 and 3. This course or an advanced course in Greek is required in group A. Elective in group B.

Selections from Odes, Epodes, Satires and Epistles. This is a general course, and aims to give students a general appreciation of this author, who has so largely influenced all modern literatures.

*Text: Bennet and Rolfe. The Works of Horace.*

## JUVENAL AND PERSEUS.

*Latin 5.**Credit, 4 hrs.**Professor Stout.*

Prerequisite, four courses in Latin. Elective in both groups.

Selected Satires. (This course is given in alternate years, and will not be given in 1912-1913.)

## TACITUS.

*Latin 6.**Credit, 5 hrs.**Professor Stout.*

Spring term. Daily, at 2:15. Prerequisite, four courses in Latin. Elective in both groups.

Selections. Portions of the Annals or the Histories are read. Comparisons with other ancient authorities, mostly in translation, and the preparation of a paper on an assigned topic aim to give an acquaintance with the chief original sources of information for the period studied, and a method of using them.

## TERENCE AND CATULLUS.

*Latin 7.**Credit, 5 hrs.**Professor Stout.*

Spring term. Daily, at 9:30. Prerequisite, four entrance units of Latin. Elective in both groups.

One play of Terence is read, and in the last half of the course most of the shorter poems of Catullus are read.

## CICERO.

*Latin 8c.**Credit, 4 hrs.**Professor Coon.*

Winter term. Four times per week, at 10:30. Prerequisite, three courses in Latin. Elective in both groups.

Philosophical Writings. In 1913 the *De Officiis* will be read.

## CICERO.

*Latin 9.**Credit, 5 hrs.**Professor Coon.*

Spring term. Daily, at 10:30. Prerequisite, two courses in Latin. Elective in both groups.

Selected Letters.

## PROSE COMPOSITION.

*Latin 11.**Credit, 4 hrs.**Professor Coon.*

Winter term. Four hours per week, at 3:15. Prerequisite, four courses in Latin. Elective in both groups.

A Second Course. A large amount of practice is given in retranslation of passages translated from Cicero and Livy. Near the end of the course a few passages from classical English prose writers are given for translation into Latin.

## ROMAN LAW.

*Latin 12.**Credit, 8 hrs.**Professor Stout.*

Winter term. Daily, at 2:15. Prerequisite, four courses in Latin. Elective in both groups.

The greater part of the Institutes of Justinian is read in Latin. Two hours per week are given to lectures, assigned readings (in English), reports, and quizzes.



## RAPID READING COURSE.

*Latin 13b.**Credit, 5 hrs.**Professor Pence.*

Fall term. Daily, at 3:15. Prerequisite, four courses in Latin. Elective in both groups.

From 300 to 500 pages of Latin that is not too difficult are read. The primary object of the course is to develop power to read rapidly, and, to a certain extent, without translation. This course is advised by this department for students who expect to teach Latin, and for those who expect to pursue advanced studies in a university in any language, or in philosophy, history or theology. In 1912 the text read will be selected from the following:

*Text: Sallust: Caesar's Civil War,  
Caesar's Gallic Wars, continued;  
Vellius Pterculus.*

## LATE LATIN.

*Latin 14.**Credit, 5 hrs.**Professor Stout.*

Winter term. Daily, at 2:15. Prerequisite, four courses in Latin. It is advised that course 13 be taken before this course. Elective in both groups.

The period covered in this course is from the end of the Silver Age to the close of the fourth century. The selections read are usually taken from the Christian writers, but a general view of the history of the Latin literature of the period is given. This course and course 12 are given in alternate years. This course will not be given in 1913.

## PLAUTUS.

*Latin 15.**Credit, 5 hrs.**Professor Stout.*

Spring term. Daily, at 10:30. Prerequisite, two courses in Latin. Elective in both groups.

Three plays are read. This course and course 9 are given in alternate years. This course will not be given in 1913.

## SUB-COLLEGIATE LATIN.

## FIRST YEAR LATIN.

*Latin a, a1, a2.**Credit, 1 unit.**Professors Coon and Pence.*

a, Fall; a1, Winter; a2, Spring term. Sections I and II, daily, at 1:15.

*Text: D'Ooge, Latin for Beginners.*

## CÆSAR.

*Latin b, b1, b2.**Credit, 1 unit.**Professor Pence.*

b, Fall; b1, Winter; b2, Spring term. Section I, daily, at 10:30; Section II, daily, at 9:30. b. Complete book, I, chapters 1-29, and book II, of the Gallic War. b1. Selections, 35 pages, of the Gallic War. b2. Selections, 40 pages, of the Gallic War.

In the year's work, b, b1, b2, the equivalent of books I-IV is read. Prose Composition, equivalent in the time given to it to one hour per week throughout the year, is given as an integral part of courses b, b1, b2.

*Texts: Walker: Caesar's Gallic War;  
Scott and Van Tuyl: Caesar Composition.*

## CICERO.

*Latin c, c1, c2.**Credit, 1 unit.**Professors Coon and Pence.*

c, Fall; c1, Winter; c2, Spring term. Section I, daily, at 9:30. Prerequisite, two units in Latin. c. Selections from the Orations. c1. Selections from the Orations. c2. Selections from the Orations and Letters.

The whole amount read in the year's work is at least 160 pages. Prose Composition, equivalent in the time given to it to one

hour per week throughout the year, is given as an integral part of courses c, c1, c2.

*Texts. Allen and Greenough: Cicero, Orations and Letters;*

*D'Ooge: Latin Composition;*

*Bennett: Latin Grammar.*

### VERGIL.

*Latin d, d1, d2.*

*Credit, 1 unit.*

*Professor Coon.*

d, Fall; d1, Winter; d2, Spring term. Daily, at 8:30.

Prerequisite, three units in Latin.

Courses d, d1, and d2, if not offered for entrance credit, will each give 5 hours college credit in group B.

d. Vergil, Aeneid, books I-II.

d1. Vergil, Aeneid, books IV and VI.

d2. Vergil, Aeneid, books III and IV.

Prose Composition, equivalent in the time given to it to one hour per week, is given as an integral part of courses d, d1, and d2.

*Texts: Knapp: Vergil's Aeneid;*

*D'Ooge: Latin Composition;*

*Allen and Greenough: Latin Grammar.*

## GREEK LANGUAGE AND LITERATURE.

RALPH H. TUKEY, A.M., PH.D.

*Professor of Greek.*

Greek is a required subject in the course leading to the degree of A.B. in Literature and may be elected in the course leading to the degree of A.B. in Science. Students in group A are required to offer for admission to college courses d, d1, and d2 or their equivalent, and to take nine hours' work from courses 1, 2, and 3 and an additional nine hours' work in either Greek or Latin. This last requirement must not be divided, and the entire nine hours must be taken in the same department. In Greek the nine hours may be selected from courses 3, 4, 5 and 6.

## ELEMENTARY GREEK.

*Greek d.**Credit, 1/3 unit or 5 hrs.**Professor Tukey.*

Fall term. Daily, at 3:15. For sub-collegiate students and Freshmen. Required for entrance in group A. Elective in group B.

*Text: Benner and Smyth: Beginners' Greek Book.*

## ELEMENTARY GREEK.

*Greek d1.**Credit, 1/3 unit or 5 hrs.**Professor Tukey.*

Winter term. Daily, at 3:15. Prerequisite, Greek d. For sub-collegiate students and Freshmen. Required for entrance in group A. Elective in group B.

This is a continuation of course d with special emphasis upon the mastery of the forms of the Greek verb.

## ELEMENTARY GREEK.

*Greek d2.**Credit, 1/3 unit or 5 hrs.**Professor Tukey.*

Spring term. Daily, at 3:15. For sub-collegiate students and Freshmen. Prerequisite Greek d1. Required for entrance in group A. Elective in group B.

The work of this term is based upon the first book of Xenophon's *Anabasis*.

*Texts: Goodwin and White: Xenophon's Anabasis;  
Goodwin: Greek Grammar.*

## XENOPHON'S ANABASIS.

*Greek 1.**Credit, 4 hrs.**Professor Tukey.*

Fall term. Tu., Wed., Th., Fri., at 1:15. For Freshmen. Prerequisite, Greek d2. Required in group A. Elective in group B.

The work in translation is supplemented by written and oral exercises in composition.

## XENOPHON'S ANABASIS.

*Greek 2.**Credit, 5 hrs.**Professor Tukey.*

Winter term. Daily, at 1:15. For Freshmen. Prerequisite, Greek 1. This course or Greek 3 is required in group A. Elective in group B.

This course is a continuation of Greek 1.

## HERODOTUS.

*Greek 3.**Credit, 5 hrs.**Professor Tukey.*

Spring term. Daily, at 1:15. For Freshmen. Prerequisite, Greek 1. Elective in both groups.

This course is based on selections from Herodotus and is designed to increase the student's ability to translate simple prose.

## PLATO: THE DEFENSE OF SOCRATES.

Greek 4.

Credit, 4 hrs.

*Professor Tukey.*

Fall term. Tu., Wed., Th., Fri., at 9:30. For Sophomores. Prerequisite, Greek 2 or 3. Elective in both groups.

In this course the *Apology*, *Crito*, and parts of the *Phædo* are read and discussed with special reference to the life and teachings of Socrates.

*Text: Dyer-Seymour: Plato's Apology and Crito.*

## DEMOSTHENES: THE PHILIPPICS.

Greek 5.

Credit, 5 hrs.

*Professor Tukey.*

Winter term. Daily, at 9:30. For Sophomores. Prerequisite, Greek 3 or 4. Elective in both groups.

This course involves the translation of the orations against Philip and the study of Athenian foreign policy during that period.

## HOMER: ILIAD OR ODYSSEY.

Greek 8.

Credit, 4 hrs.

*Professor Tukey.*

Spring term. Tu., Wed., Th., Fri., at 9:30. For Sophomores. Prerequisite, Greek 4 or 5. Elective in both groups.

This course is designed to familiarize the student with Homeric forms and syntax, and includes informal lectures on Homeric criticism and the history of Epic poetry.

## GREEK TRAGEDY: EURIPIDES.

Greek 8.

Credit, 5 hrs.

*Professor Tukey.*

Winter term. Daily, at 2:15. For Juniors and Seniors. Prerequisite, Greek 8. Elective in both groups.

This course consists of the reading of one or more of the dramas of Euripides accompanied by lectures on the development of the Greek Drama.

(Greek 8 and Greek 11 are given in alternate years. Greek 8 will be given in 1912-13.)

## GREEK TRAGEDY: SOPHOCLES.

Greek 9.

Credit, 5 hrs.

*Professor Tukey.*

Spring term. Daily, at 2:15. For Juniors and Seniors.  
Prerequisite, Greek 6. Elective in both groups. (Greek  
9 and Greek 12 are given in alternate years. Greek 9  
will be given in 1912-13.)

## DEMOSTHENES: DE CORONA.

Greek 11.

Credit, 5 hrs.

*Professor Tukey.*

Winter term. Daily at 2:15. For Juniors and Seniors.  
Prerequisite, Greek 5 or 6. Elective in both groups.

(This course will not be given in 1912-13.)

## LYSIAS: SELECTED ORATIONS.

Greek 12.

Credit, 5 hrs.

*Professor Tukey.*

Fall term. Daily, at 2:15. For Juniors and Seniors.  
Prerequisite, Greek 5 or 6. Elective in both groups.

(This course will not be given in 1912-13.)

## NEW TESTAMENT.

Greek 13.

Credit, 5 hrs.

*Professor Tukey.*

Fall term. Daily, at 2:15. For Juniors and Seniors.  
Prerequisite, Greek 4 or 5. Elective in both groups.

This course will not be accepted as a part of the advanced  
requirement in ancient languages in group A.

## MODERN LANGUAGES.

WILLIAM D. BASKETT, A.M.,  
*Professor of Modern Languages.*

MAX F. MARTINI, A.B.,  
*Associate Professor.*

## GERMAN.

## ELEMENTARY GERMAN.

*German d.* *Credit, 5 hrs. or 1/3 unit.*  
*Professors Baskett and Martini.*

Fall term. Daily, at 3:15. Required for entrance in group B. Elective in group A.

The object of this course is to familiarize the learner with the elements of the grammar and give a command of simple German, oral or written.

## ELEMENTARY GERMAN.

*German d1.* *Credit, 5 hrs. or 1/3 unit.*  
*Professors Baskett and Martini.*

Winter term. Daily, at 3:15. Prerequisite, German d.  
Required for entrance in group B. Elective in group A.

This course is a continuation of German d.

## ELEMENTARY GERMAN.

*German d2.* *Credit, 5 hrs. or 1/3 unit.*  
*Professors Baskett and Martini.*

Spring term. Daily, at 3:15. Prerequisite, German d1. Required for entrance in group B. Elective in group A.

This course is a continuation of German d1.



## SECOND-YEAR GERMAN.

*German 1.**Credit, 5 hrs.**Professor Baskett.*

Fall term. Daily, at 1:15. Prerequisites, German d, d1, d2, or the equivalent. Required in group B. Elective in group A.

This course combines the reading of modern authors suitable for the second year of study with composition, free reproduction of the text, conversation and systematic review of the grammar.

## SECOND-YEAR GERMAN.

*German 2.**Credit, 4 hrs.**Professor Baskett.*

Winter term. Tu., Wed., Th., Fri., at 8:30. Prerequisite, German 1. Required in group B. Elective in group A.

This course is a continuation of German 1.

## DRAMA OF THE CLASSICAL PERIOD.

*German 3.**Credit, 4 hrs.**Professor Baskett.*

Fall term. Tu., Wed., Th., Fri., at 8:30. Prerequisites, German 1 and 2. Elective in both groups.

A drama of Goethe or Schiller is studied carefully and the life and works of the author are studied by means of collateral reading, lectures and essays in German. Some time is devoted to the study of advanced grammar and syntax.

## DRAMA OF THE CLASSICAL PERIOD.

*German 4.**Credit, 5 hrs.**Professor Baskett.*

Spring term. Daily, at 8:30. Prerequisites, German 1 and 2. Elective in both groups.

A drama of Lessing is studied carefully. Otherwise as German 3.

## GOETHE'S FAUST.

*German 5.**Credit, 5 hrs.**Professor Baskett.*

Winter term. Daily, at 9:30. Prerequisite, German 3 or 4. Elective in both groups.

Part I of Faust and extracts from Part II are read in the class. Such questions as the Faust-problem in literature and the relation of Goethe's life to his Faust are studied.

(German Club, see page 107.)

## FRENCH.

## ELEMENTARY FRENCH.

*French 1.**Credit, 5 hrs.**Professor Baskett.*

Winter term. Daily, at 1:15. Elective in both groups.

This is a beginner's course and comprises the study of grammar, composition, conversation and reading.

## ELEMENTARY FRENCH.

*French 2.**Credit, 4 hrs.**Professor Baskett.*

Spring term. Tu., Wed., Th., Fri., at 1:15. Prerequisite, French 1. Elective in both groups.

This course is a continuation of French 1.

## SECOND-YEAR FRENCH.

*French 3.**Credit, 4 hrs.**Professor Baskett.*

Fall term. Tu., Wed., Th., Fri., at 10:30. Prerequisites, French 1 and 2. Elective in both groups.

In this course reading suitable for the second year of study is used and upon this is based review of the grammar, composition and conversation.

## SECOND-YEAR FRENCH.

*French 4.**Professor Basket.**Credit, 5 hrs.*

Winter term. Daily, at 10:30. Prerequisite, French 3.

Elective in both groups.

This course is a continuation of French 3.

## SPANISH.

## ELEMENTARY SPANISH.

*Spanish 1.**Assistant.**Credit, 5 hrs.*

Fall term. Daily, at 2:15. Elective in both groups.

This is a beginner's course and comprises the study of grammar, composition, conversation and reading.

## ELEMENTARY SPANISH.

*Spanish 2.**Assistant.**Credit, 4 hrs.*

Winter term. Mon., Tu., Th., Fri., at 2:15. Prerequisite, Spanish 1. Elective in both groups.

This course is a continuation of Spanish 1.

## SECOND-YEAR SPANISH.

*Spanish 3.**Assistant.**Credit, 5 hrs.*

Fall term. Daily, at 3:15. Prerequisites, Spanish 1 and 2. Elective in both groups.

In this course standard authors are read and from these are drawn materials for review of the grammar, composition and conversation.

## SECOND-YEAR SPANISH.

*Spanish 4.**Assistant.**Credit, 4 hrs.*

Winter term. Tu., Wed., Th., Fri., at 3:15. Prerequisite, Spanish 3. Elective in both groups.

This course is a continuation of Spanish 3.

## PHILOSOPHY.

JOHN P. GREENE, A.M., D.D., LL.D.,  
*Professor of Ethics.*

WALTER O. LEWIS, A.M., PH.D.,  
*Professor of Philosophy.*

This department is known as the Sherwood School of Moral Philosophy, in memory of Adiel Sherwood, D.D., who was the first to propose the endowment of a chair of philosophy, and who himself made a liberal subscription for that purpose. At that time, the term moral philosophy was used to designate the philosophical as contrasted with the physical sciences.

## PRACTICAL ETHICS.

*Philosophy 1.*

*Credit, 4 hrs.*

*President Greene.*

Winter term. Tu., Wed., Th., Fri., at 1:15. For Freshmen.

A study of the application of ethical principles to daily life. Recitations and lectures.

*Text: To be determined later.*

## PSYCHOLOGY.

*Philosophy 2.*

*Credit, 4 hrs.*

*Professor Lewis.*

Winter term. Mon., Tu., Wed., Th., at 3:15. Prerequisite. No one will be admitted to this course who is not classified as high as Sophomore. Required for both groups.

A study of the conscious self in relation to other selves and to external objects.

*Texts: First Book in Psychology, by Mary Whiton Calkins.  
Elementary Experiments in Psychology: C. E. Seashore.*

## LOGIC.

*Philosophy 3.**Credit, 4 hrs.**Professor Lewis.*

Fall term. Mon., Tu., Wed., Th., at 3:15. Prerequisite, Philosophy 2. Required in both groups. For Juniors.

Deductive and Inductive Logic are studied, and some attention is given to the Theory of Thought.

*Text: Introductory Logic, by J. E. Creighton.*

## INTRODUCTION TO PHILOSOPHY.

*Philosophy 4.**Credit, 3 hrs.**Professor Lewis.*

Fall term. Tu., Wed., Th., at 8:30. Prerequisites, Philosophy 2 and 3. Either this or Philosophy 5 is required in group A. Elective in group B.

A study of the great problems of philosophy. Recitations and discussions.

*Text: Introduction to Philosophy, by G. S. Fullerton.*

## THEORETICAL ETHICS.

*Philosophy 5.**Credit, 4 hrs.**Professor Lewis.*

Spring term. Tu., Wed., Th., Fri., at 9:30. Prerequisites, Philosophy 1 and 2. Either this or Philosophy 4 is required in group A. Elective in group B.

Moral life is traced through typical epochs of its development, and the classical conceptions of moral theory are studied.

*Text: Ethics, by Dewey and Tufts.*

## HISTORY OF PHILOSOPHY.

*Philosophy 6.**Credit, 4 hrs.**Professor Lewis.*

Winter term. Tu., Wed., Th., Fri., at 9:30. Prerequisite, Philosophy 4. Elective in both groups.

A study of the origin and development of ideas that have influenced the world, together with a study of the life and times

of the world's great thinkers in so far as this is necessary to understand their thought.

*Text: Student's History of Philosophy, by A. K. Rogers.*

### HISTORY OF EDUCATION.

*Philosophy 7.*

*Credit, 4 hrs.*

*Professor Lewis.*

Fall term. Tu., Wed., Th., Fri., at 9:30. Elective in both groups.

A study of the development of educational ideals and institutions, including the history of Sunday Schools.

*Text: Brief Course in the History of Education, by Paul Monroe.*



## HISTORY AND POLITICAL SCIENCE.

ELMER C. GRIFFITH, A.M., PH.D.,

*Professor of History and Political Science.*

MAX F. MARTINI, A.B.,

*Associate in History.*

The courses offered in this department contribute to a liberal education, and directly aid in preparing students for the active duties of citizenship. They are of special value to those who are looking forward to careers in public life, law, journalism, banking, business, social service, the ministry, or other professions directly concerned with human relations. They are also particularly valuable to those preparing for the consular service and many similar political positions under the civil service.

The study of history is advocated for a variety of reasons. It has a general educational value for all persons of scholarly attainments. It is a study which seeks to develop the faculty of judgment, gained through a careful consideration of the various causes and effects of individual and collective activity. History and Political Science courses are professionally useful to those who will enter upon public careers.

The beginning courses of this department are carried on by the interlocutory method, so generally and universally approved, supplemented by reports, library readings and note-books.

Students interested in debating will find these courses valuable.

## HISTORY.

MEDIÆVAL HISTORY—EUROPE, 476-1500.

*History 1.**Credit, 5 hrs.**Professor Griffith.*

Fall term. Daily, at 2.15. For Freshmen. Prerequisites, college entrance requirements in History. Required in both groups.

The course seeks to trace those institutions of government and general influences upon society which appeared during this

period, and which have been developed since into our present civilization. Emphasis will be given to special periods.

In addition to text-book instruction and supplementary readings, the following topics are treated in lectures: The fall of Rome and the rise of new nationalities; the Franks; the Church; the feudal system; the crusades; the growth of towns; the renaissance. The sources will be used as far as practicable.

*Text: Thatcher and Schwill: The Middle Age.*

#### MODERN HISTORY—EUROPE, 1500-1650.

*History 3.*

*Credit, 4 hrs.*

*Professor Griffith.*

Winter term. Tu., Wed., Th., Fri., at 8:30. Prerequisites, college entrance requirements in history. Required in both groups.

Among subjects discussed in lectures are the Protestant Reformation in the several countries, the Thirty Years' War, the various principles of government of the period.

*Text: Schwill: Political History of Modern Europe.*

#### MODERN HISTORY—EUROPE, 1650-1905.

*History 4.*

*Credit, 4 hrs.*

*Professor Griffith.*

Spring term. Tu., Wed., Th., Fri., at 8:30. Prerequisites, college entrance requirements in history. Required in group A. Elective in group B.

A continuation of the foregoing course. Special topics are the French Revolution, Prussia and the German Empire, the unification of Italy, colonization by European nations, the Eastern question, and present tendencies and influences. Recitations, lectures and collateral readings.

*Text: Schwill: Political History of Modern Europe.*



## AMERICAN HISTORY—1876-1900.

History 5.

*Professor Griffith.**Credit, 5 hrs.*

Spring term. Daily, at 9:30. Prerequisites, History, courses 1 and 3. Elective in both groups.

The development of the United States during this period, with a study of the national problems since 1876.

*Text: Dewey: National Problems.*

## CHURCH HISTORY.

History 6.

*Professor Lewis.**Credit, 4 hrs.*

Spring term. Tu., Wed., Th., Fri., at 8:30. For Juniors and Seniors. Prerequisites, History 1, 3 and 4. Elective in both groups. (See statement elsewhere in regard to the number of hours of theological work a student may elect.)

The entire period of Church History is covered, special attention being given to growth and decline of the papacy, the reformation and the rise of present-day denominations.

*Text: Short History of the Christian Church, by J. W. Moncrief.*

POLITICAL AND CONSTITUTIONAL HISTORY OF  
ENGLAND.

History 7.

*Professor Griffith.**Credit, 5 hrs.*

Winter term. Daily, at 1:15. For Juniors and Seniors and others by permission. Prerequisites, History, courses 1 and 3. Required in group A. Elective in group B.

This course traces the national development of England and its growth as a world power, together with the struggles of the English people for political liberty and their contribution to constitutional government. English feudalism is contrasted

with continental feudalism; the growth of parliamentary control is followed with the development of democracy, and the influence of the religious movements is studied. Lectures, recitations and supplementary readings.

*Text: Terry: History of England.*

### CONSTITUTIONAL AND POLITICAL HISTORY OF THE UNITED STATES.

*History 8.*

*Credit, 4 hrs.*

*Professor Griffith.*

Spring term. Tu., Wed., Th., Fri., at 1:15. For Juniors and Seniors, and others by permission. Prerequisites, History, courses 1 and 3. Elective in both groups.

Special attention is given the following subjects: The origin and character of the constitution, the causes of sectional divergence, the war between the states, the reconstruction period, and congressional disagreement with the executive. The origin and principles of the political parties are explained. Lectures, recitations and supplementary readings.

*Text: Thorpe: A Short Constitutional History of the United States.*

### HISTORY OF THE UNITED STATES WEST OF THE MISSISSIPPI RIVER.

*History 9.*

*Credit, 4 hrs.*

*Professor Griffith.*

Fall term. Tu., Wed., Th., Fri., at 9:30. Prerequisite, History, course 1. Elective in both groups.

A study of the growth, development and possibilities of the Western states.

(Not offered in 1912-13.)

## POLITICAL SCIENCE.

## POLITICAL ECONOMY.

*Pol. Sci. 1.**Credit, 5 hrs.**Professor Griffith.*

Fall term. Daily, at 8:30. For Juniors, and others by permission. Prerequisite, course 1 of History. Required in group A. Elective in group B.

General study of the subject, using text-books. Lectures on some specific applications of its principles to practical affairs. At the close of the course modern social theories will be explained and criticised.

*Text: Bullock: Introduction to the Study of Economics.*

## INSTITUTIONAL HISTORY AND ADMINISTRATION.

*Pol. Sci. 3.**Credit, 4 hrs.**Professor Griffith.*

Winter term. Tu., Wed., Th., Fri., at 10:30. For Sophomores. Prerequisite, course 1 of History. Elective in both groups.

The origin, functions and ends of government are discussed, and the governments of the principal states of Europe and America are explained. Recitations and lectures.

*Text: Wilson: The State.*

## ECONOMIC PROBLEMS.

*Pol. Sci. 5.**Credit, 2 1/2 hrs.**Professor Griffith.*

Fall term. Daily, at 1:15, for first half of the term. For Juniors, and others by permission. Prerequisite, course 1. Elective in both groups.

The subjects discussed are taxation and public finance, money and banking, natural monopolies, the railroad question, financial panics, and the distribution of wealth. Lectures, reports and assigned readings. This course is of importance to those interested in debating.

## INTERNATIONAL LAW.

*Pol. Sci. 5a.**Professor Griffith.**Credit, 2 1/2 hrs.*

Fall term. Daily, at 1:15, for second half of the term.  
For Juniors, and others by permission. Prerequisite,  
course 1. Elective in both groups.

In connection with this subject such phases of the history of American diplomacy as illustrate the subject are presented. The laws of peace, arbitration and the Hague tribunals, the laws of war and neutrality are discussed. Frequent use will be made of the case method.

*Text: Wilson and Tucker: International Law.*

## MUNICIPAL GOVERNMENT.

*Pol. Sci. 6.**Professor Griffith.**Credit, 4 hrs.*

Fall term. Tu., Wed., Th., Fri., at 10:30. For Sophomores. Prerequisite, course 1 of History. Elective in both groups.

The organization of European and American cities; their growth; problems of the government of cities; urban transportation; police education; government; municipal ownership of public utilities. Recitations, lectures and collateral reading.

## SOCIOLOGY.

*Pol. Sci. 7.**Credit, 5 hrs.*

Fall term. Daily, at 9:30. For Sophomores. Prerequisite, course 1. Elective in both groups. Receives credit in Theological Seminary.

The problems of correction and care of the defective and dependent are considered. The causes of poverty and the principles and methods of poor relief are explained. Visits will be made to institutions of interest. Lectures and assigned

readings. Dr. Charles W. Moore, of the Institutional Church, Kansas City, is a regular lecturer in this course.

The John W. Rider prize has been open to students of this course the past two years.

*Text: Wright: Practical Sociology.*

### SUB-COLLEGIATE HISTORY.

#### AMERICAN HISTORY.

*History a.*

*Associate Professor Martini.*

*No credit.*

Fall term. Daily, at 8:30.

*Text: Adams and Trent: A History of the United States.*

#### AMERICAN HISTORY.

*History a1.*

*Associate Professor Martini.*

*No credit.*

Winter term. Daily, at 1:15. This is a continuation of course a.

*Text: Adams and Trent: A History of the United States.*

#### ANCIENT HISTORY.

*History c.*

*Associate Professor Martini.*

*Credit, 1/3 unit.*

Fall term. Daily, at 2:15.

This course begins with a survey of Oriental History, thus giving an idea of the far reach of recorded history; seeking to emphasize the main features of the civilization of those nations and their influence in later times; not omitting a definite knowledge of the names of men, with exact information of the period. The course in Ancient History then includes Greece and Rome.

*Text: West: The Ancient World.*

## ANCIENT HISTORY.

*History c1.**Credit, 1/3 unit.**Associate Professor Martini.*

Winter term. Daily, at 2:15. A continuation of course c.

*Text: West: The Ancient World.*

## ANCIENT HISTORY.

*History c2.**Credit, 1/3 unit.**Associate Professor Martini.*

Spring term. Daily, at 2:15. A continuation of courses c and c1.

*Text: West: The Ancient World.*

## ENGLISH HISTORY.

*History d.**Credit, 1/3 unit.**Associate Professor Martini.*

Fall term. Daily, at 10:30.

*Text: Andrews: A History of England.*

## ENGLISH HISTORY.

*History d1.**Credit, 1/3 unit.**Associate Professor Martini.*

Winter term. Daily, at 10:30. A continuation of course d.

*Text: Andrews: A History of England.*

## ENGLISH HISTORY.

*History d2.**Credit, 1/3 unit.**Associate Professor Martini.*

Spring term. Daily, at 10:30. A continuation of courses d and d1.

*Text: Andrews: A History of England.*

## SUB-COLLEGIATE POLITICAL SCIENCE.

## CIVICS.

*Pol. Sci. a2.**Associate Professor Martini.**No credit.*

Spring term. Daily, at 1:15.

## ADVANCED CIVICS.

*Pol. Sci. d2.**Associate Professor Martini.**Credit, 1/2 unit.*

Spring term. Daily, at 8:30. For fourth year. Pre-requisite, American History.

*Text: Hinsdale: The American Government.*

## MATHEMATICS AND ASTRONOMY.

ROBERT R. FLEET, A.M., PH.D.,  
*Professor of Mathematics and Astronomy.*

P. R. RIDER, A.M.,  
*Assistant Professor of Mathematics, and Assistants.*

Students should begin their work in Mathematics on entering college, and should continue the same without interruption until the required courses in this department are completed.

The first eight courses given below are arranged in the order in which they should be taken. Students in group B must choose either courses 1, 2, 2a, or 1, 3 and 4. No other combinations of these courses can be accepted for the requirements of this group.

## COLLEGIATE COURSES.

## PLANE TRIGONOMETRY.

*Mathematics 1.*

*Credit 5 hrs.*

*Professor Fleet.*

Fall term. Daily, at 9:30. For Freshmen. Prerequisites, entrance requirements in Mathematics to group A. Required in both groups A and B.

If this course should be offered for entrance, any elective may be chosen in its place.

## PLANE ANALYTIC GEOMETRY.

*Mathematics 2.*

*Credit, 5 hrs.*

*Professor Fleet.*

Winter term. Daily, at 9:30. For Freshmen. Prerequisites, entrance requirements in Mathematics to group B, and also Mathematics 1. Either this course and Mathematics 2a or Mathematics 3 and 4 are required in group B. Elective in group A.

*Text: Fine and Thompson's Coordinate Geometry.*



## CONTINUATION OF COURSE 2.

*Mathematics 2a.**Credit, 5 hrs.**Professor Fleet.*

Spring term. Daily, at 9:30. For Freshmen. Pre-requisite, Mathematics 2. Either this course and Mathematics 2 or Mathematics 3 and 4 are required in group B. Elective in group A.

*Text: Fine and Thompson's Coordinate Geometry.*

## SOLID ANALYTIC GEOMETRY.

*Mathematics 2b.**Credit, 5 hrs.**Professor Fleet.*

Fall term. Daily, at 1.15. For Sophomores. Pre-requisite, Mathematics 2a. Elective in both groups.

This course is an extension of Mathematics 2 and 2a. It does not require the calculus. Students who expect to study higher mathematics should pursue this course, and also 3 and 4, before studying the calculus.

## COLLEGE ALGEBRA.

*Mathematics 3.**Credit, 5 hrs.**Professor Fleet.*

Winter term. Daily, at 1:15. For Freshmen and Sophomores. Prerequisite, Mathematics 1. Either this course and Mathematics 4, or Mathematics 2, and 2a are required in group A. Elective in group B.

This course in college algebra, and the one following, will contain a treatment of all the subjects usually given in the first year of algebra after the completion of the high school courses and trigonometry.

*Text: Fine's College Algebra.*

## CONTINUATION OF COURSE 3.

*Mathematics 4.**Credit, 5 hrs.**Professor Fleet.*

Spring term. Daily, at 1:15. For Freshmen and Sophomores. Prerequisite, course 3. Either this course and Mathematics 3 or Mathematics 2 and 2a are required in group B. Elective in group A.

*Text: Fine's College Algebra.*

## DIFFERENTIAL CALCULUS.

*Mathematics 5.**Credit, 5 hrs.**Professor Fleet.*

Fall term. Daily, at 10:30. For Sophomores and Juniors. Prerequisites, Mathematics 1, 2, 2a. Either this course, together with Mathematics 6, or Chemistry 4 and 5, are required in group B. Elective in group A.

These courses in differential and integral calculus ought to be taken by students preparing for advanced work in physics or engineering. The calculus is a powerful instrument of mathematical research, lying at the basis of higher mathematics, and indispensable to the theory of many of the sciences.

*Text: Granville's Differential and Integral Calculus.*

## CONTINUATION OF MATHEMATICS 5.

*Mathematics 6.**Credit, 5 hrs.**Professor Fleet.*

Winter term. Daily, at 10:30. For Sophomores and Juniors. Prerequisite, Mathematics 5. Either this course, together with Mathematics 5, or Chemistry 4 and 5, are required in group B. Elective in group A.

This course will complete that portion of the differential calculus not covered by Mathematics 5, and will then begin the study of the integral calculus.

*Text: Granville's Differential and Integral Calculus.*

## INTEGRAL CALCULUS.

*Mathematics 6a.**Credit, 5 hrs.**Professor Fleet.*

Spring term. Daily, at 10:30. For Sophomores and Juniors. Prerequisite, Mathematics 6. Elective in both groups.

This course will complete the elementary work of the integral calculus and will begin the study of special topics from advanced courses.

*Text: Granville's Differential and Integral Calculus.*

## ANALYTICAL MECHANICS.

*Mathematics 7.**Credit, 5 hrs.**Professor Fleet.*

Fall term. Daily, at 8:30. For Juniors and Seniors. Prerequisites, Mathematics 5 and 6. Elective in both groups.

## DIFFERENTIAL EQUATIONS.

*Mathematics 8.**Credit, 5 hrs.**Professor Fleet.*

Spring term. Daily, at 8:30. For Juniors and Seniors. Prerequisites, Mathematics 5 and 6. Elective in both groups.

*Text: Murray's Differential Equations.*

## SOLID ANALYTIC GEOMETRY.

*Mathematics 9.**Credit, 5 hrs.**Professor Fleet.*

For Juniors and Seniors. Prerequisites, Mathematics 5, 6 and 6a. Elective in both groups.

(Mathematics 9, 10, 11 and 12 are given only on sufficient demand, at times to be arranged.)

## MODERN SYNTHETIC GEOMETRY.

*Mathematics 10.**Credit, 5 hrs.**Professor Fleet.*

For Juniors and Seniors. Prerequisites, Mathematics 1, 2 and 2a. Elective in both groups.

This course consists of a treatment of Double Ratios, Poles and Polars, Inversion, Projections, etc.

## THEORY OF EQUATIONS AND DETERMINANTS.

*Mathematics 11.**Credit, 5 hrs.**Professor Fleet.*

For Juniors and Seniors. Prerequisites, Mathematics 5 and 6. Elective in both groups.

## HISTORY OF MATHEMATICS.

*Mathematics 12.**Credit, 5 hrs.**Professor Fleet.*

For Juniors and Seniors. Prerequisites, Mathematics 5 and 6. Elective in both groups.

Other courses in mathematics will be given on sufficient demand.

## DESCRIPTIVE ASTRONOMY.

*Astronomy 1.**Credit, 5 hrs.**Professor Fleet.*

Winter term. Daily, at 8:30. For Freshmen and Sophomores. Prerequisite, Mathematics 1. Elective in both groups.

This course will begin with a few lessons in spherical trigonometry. It will then pass to the study of the physical aspects and motions of the planets, satellites, stars, comets, etc., with explanations of eclipses, tides, seasons and other astronomical phenomena. This is a very interesting subject of study, and should have a place in every liberal education.

*Text: Young's Manual of Astronomy.*

## SUB-COLLEGIATE COURSES.

PROFESSOR RIDER.

## FIRST-YEAR ALGEBRA.

*Mathematics b, b1, b2.**Credit, 1 unit.*

Fall, winter and spring terms. I section, daily, at 9:30. II section, daily, at 2:15.

## PLANE GEOMETRY.

*Mathematics c, c1, c2.**Credit, 1 unit.*

Fall, winter and spring terms. I section, daily, at 9:30. II section, daily, at 1:15.

## SOLID GEOMETRY.

*Mathematics d**Credit, 1/2 unit.*

Fall term. Daily, at 8:30.

## ELEMENTARY ALGEBRA THROUGH LOGARITHMS.

*Mathematics e, e1,**Credit, 1/2 unit.*

Winter and spring terms. Daily, at 8:30.

Courses in arithmetic will be given at 10:30 o'clock daily without credit towards entrance.

## NATURAL SCIENCES.

H. G. PARKER, A.M., PH.D.,  
*Professor of Chemistry.*

H. M. RICHMOND, A.M.,  
*Professor of Geology.*

M. L. CROSSLEY, PH.B., SC.M., PH.D.,  
*Professor of Biology and Organic Chemistry.*

J. E. DAVIS, A.B.,  
*Professor of Physics.*

The courses in this department are offered for the purposes of general culture and also to lay a proper foundation for students desiring to specialize in scientific work, in medicine or engineering. The keeping of proper records is insisted upon in each course, and it is suggested that the student provide himself with a simple set of drawing instruments at the beginning of his work in the sciences. It is desirable that a student include a term of graphics early in his course, although he may not be looking toward engineering.

For purposes of general culture in the case of men not expecting to specialize in science, Chem. 1 and 2 and Phys. 1, 2 and 3, also Biol. 1 and Botany 4 would be appropriate. Biol. 5, 6 and 7 have been known heretofore as Phys. Ed. T. 1, 2 and 3, and are required of all students for graduation. This latter work is designed to acquaint the student with the laws of his own physical well being.

The laboratory fees in each course cover all necessary material and apparatus for conducting the work of the course, but the student is required to make good all breakages of apparatus entrusted to him.

## LECTURE ROOM.

The lecture room on the first floor seats about one hundred persons, and is exceptionally well provided with appliances for demonstration; the seats rise rapidly toward the rear of the room, and blinds, for excluding daylight, are operated from the lecture table. Current is available at all times from 5 to 250

volts and up to about 100 amperes, in all gradations. A double projection lantern is set up permanently in the rear of the room, and is provided with a large number of attachments, such as projection microscopes, polariscopes, prisms, slits, electrolytic cells, etc. The lecture desk is furnished with connections for gas, water, oxygen, hydrogen, steam, compressed air, vacuum, etc., which are immediately available.

The use of the projection lantern has been developed to an unusual degree and in the elementary classes has largely displaced the blackboard.

### CHEMICAL LABORATORIES.

The chemical laboratories are located in Wornall Hall and consist of laboratory for general chemistry, one for quantitative analysis, one for organic chemistry, two special laboratories and a photographic laboratory. These are equipped with water, and direct draught hoods, glass working tables, etc. Compressed air is laid on to all desks wherever necessary. There is a complete equipment of furnaces for assaying, both crucible and muffle, also for organic combustion and general work.

### PHYSICAL LABORATORIES.

The physical laboratories also occupy a portion of Wornall Hall. These consist of a general laboratory for elementary physics, with an adjoining apparatus room, located on the first floor. The basement also contains a workshop, equipped with lathes, drills, emery-grinder, shaper, forge, etc., for metal and wood-working. A gas engine supplies the power to operate these machines. There is also a complete assortment of hand tools, dies, etc. This room further contains an air compression pump for supplying compressed air to the laboratories and lecture room, and also the dynamos belonging to the department, which are of various sizes and makes, and range from fifteen kilowatts down.

Adjoining the lecture room is the lecture apparatus room, provided with about one thousand square feet of shelving, completely stocked with the physical and chemical apparatus used in illustrating the lectures in these subjects. In this collection is represented all the apparatus usually employed in demonstrating the laws of mechanics, heat, sound, light, magnetism and electricity. The collection includes a large number of Geissler

and radiant-matter tubes, several static electric machines—one giving a spark one-third of a meter in length; also X-ray apparatus, wireless telegraphic outfit, etc.

### BIOLOGICAL LABORATORY.

This occupies the north side of Jewell Hall, second story, and is well lighted with north and east windows. The room is large, and the tables are so arranged as to accommodate thirty students. The laboratory is supplied with water and every facility is furnished for doing first class work. The equipment comprises compound and dissecting microscopes, dissecting instruments and trays, aquaria, jars and other accessories, which are apportioned to the students and kept in individual lockers. Connected with this is the room for analytical mineralogy.

### MUSEUM.

An indispensable adjunct to the work of geology and biology is the well-equipped and classified museum. There is a most useful collection of minerals, fossils, birds and materials of historical value.

### GENERAL BIOLOGY.

*Biol. 1.*

*Credit, 5 hrs.*

*Professor Crossley.*

Fall term. Lectures, Mon., Wed., Fri., at 8:30. Laboratory, Tu., Thu., at 8:30. For Freshmen or Sophomores. No prerequisites. This course is a prerequisite for further work in Biology, and also for Botany. Required in group B. Elective in group A. May be taken as required science in A.

This is introductory to all other courses in Biology. It aims to give a general view of the structure and functions of animals; to introduce laboratory methods of dissection; to familiarize the student with the use of the microscope and to present clearly biological theories and laws.

*Text: To be selected.*



## COMPARATIVE ANATOMY OF THE VERTEBRATES.

Biol. 2.

Credit, 4 hrs.

*Professor Crossley.*

Winter term. Lectures, Mon., Wed., Fri., at 8:30. Laboratory, Tu., Th., at 8:30. For Freshmen or Sophomores. Prerequisite, Biology 1, prerequisite for Biology 3. May be taken as a required science in group B. Elective in A and B.

This course is a comparative study of the resemblances and differences in structure of animals and aims to give a general view of the origin, development and significance of organs which are essential to the work of particular species.

*Text: To be selected.*

## COMPARATIVE ANATOMY OF THE VERTEBRATES.

(Continued.)

Biol. 3.

Credit, 4 hrs.

*Professor Crossley.*

Spring term. Lectures, Mon., Wed., Fri., at 8:30. Laboratory, Tu., Th., at 8:30. For Freshmen or Sophomores. Prerequisite, Biology 1 and 2. Elective in groups A and B. May be taken as an advanced science.

This course is a continuation of Biology 2. Special emphasis is placed on the structure and development of the nervous system.

*Text: To be selected.*

## BACTERIOLOGY.

Biol. 4.

Credit, 4 hrs.

*Professor Crossley.*

Winter term. Daily, at 9:30. For Sophomores and Juniors. Prerequisites, Biology 1 and Chemistry 1, 2

and 3. This course is a prerequisite for Chemistry 12. Elective in groups A and B.

This course aims to study systematically the structure, life history and importance of bacteria. Special attention will be given to the isolation, cultivation and recognition of culture media.

*Text: To be selected.*

#### THEORETICAL PHYSICAL EDUCATION.

*Biol. 5.*

*Credit, 2/3 hr.*

*Professor Crossley.*

Fall term. Lectures, Tu., Th., at 1:15. For Freshmen. No prerequisite. Required in both groups A and B.

This course aims to give a general view of the structure and work of the human body.

*Text: To be selected.*

#### THEORETICAL PHYSICAL EDUCATION.

*Biol. 6.*

*Credit, 2/3 hr.*

*Professor Crossley.*

Winter term. Lectures, Tu., Th., at 1:15. For Freshmen. Prerequisite, Biology 5. Required in both groups A and B.

This course is a general consideration of the intelligent use and care of the human body.

*Text: To be selected.*

#### THEORETICAL PHYSICAL EDUCATION.

*Biol. 7.*

*Credit, 2/3 hr.*

*Professor Crossley.*

Spring term. Lectures, Tu., Th., at 1:15. For Freshmen. Prerequisite, Biology 5 and 6. Required in both groups A and B.

A study of the intelligent care of human surroundings.

*Text: To be selected.*

## GENERAL INORGANIC CHEMISTRY.

Chem. 1.

Credit, 5 hrs.

*Professor Parker and Assistants.*

Fall term. Lectures, Mon., Wed., Fri., at 10:30. Laboratory two periods of two hours each at a time to be arranged. Course is for Freshmen who have not offered chemistry for entrance to college. No prerequisite. The course is a prerequisite for all further work in chemistry, for Biology 4, Geol. 1, 2, 3 and 4, and Mineralogy 1 and 2.

This course includes the nomenclature and the broader relations of the chemical elements with particular attention to the non-metals. There is provided considerable practice in the writing of chemical reactions and in the calculation of the weights and volumes of materials concerned in various chemical processes.

*Text: Newth's Inorganic Chemistry.*

## INORGANIC CHEMISTRY.

Chem. 1a.

Credit, 5 hrs.

*Professor Parker and Assistants.*

Fall term. Three lectures weekly at 10:30 on days to be assigned. Laboratory two sessions per week, at hours to be arranged. Required of all Freshmen in group B who offer chemistry for entrance to college. May be offered as a required science in group A. Prerequisite, college entrance chemistry. Course is a prerequisite for all further work in chemistry, and may be substituted in all cases for Chemistry 1 where the latter is required.

This course covers general chemistry with more particular attention to the non-metals, but is designed for those who have an elementary knowledge of the subject. The subject matter of the course is parallel to the work of Chemistry 1, but is more advanced. This is true also of the laboratory work. Certain lectures may be given to the students in Chemistry 1 jointly with those in Chemistry 1a.

*Text: To be selected.*

## GENERAL INORGANIC CHEMISTRY.

Chem. 2.

Credit, 5 hrs.

*Professor Parker and Assistants.*

Winter term. Lectures, Mon., Wed., Fri., at 10:30. Laboratory twice a week at times to be arranged. For Freshmen who have not offered chemistry for entrance to college. Prerequisite, Chem. 1. Either this course or Chem. 2a is a prerequisite for all further work in chemistry and for Biol. 4, Geol. 1, 2, 3 and 4, and Min. 1 and 2.

Course is a continuation of Chem. 1 and forms with it a complete course in general chemistry. The particular field considered is the metallic elements.

*Text: Newth's Inorganic Chemistry.*

## INORGANIC CHEMISTRY.

Chem. 2a.

Credit, 5 hrs.

*Professor Parker and Assistants.*

Winter term. Three lectures weekly at 10:30 on days to be assigned. Laboratory two sessions per week at hours to be arranged. For Freshmen who have offered college entrance chemistry. Prerequisite, Chem. 1a. Course is a prerequisite to all further courses in chemistry and may be substituted as a prerequisite wherever Chem. 2 is prescribed. May be taken as a required science in group A. Required in group B.

The work is a continuation of Chem. 1a and forms with it a complete course in general chemistry. The work is parallel with Chem. 2, but more advanced.

*Text: To be announced.*

## QUALITATIVE ANALYSIS.

Chem. 3.

Credit, 5 hrs.

*Professor Parker and Assistants.*

Spring term. Mon., Wed., Fri., at 10:30. Laboratory three times per week at hours to be arranged. For Freshmen. Prerequisites, Chem. 1 and 2 or Chem. 1a and 2a. May be offered as an advanced science in group

B. Elective in group A. Course is a prerequisite for all further chemistry.

The work is analytical in character, but is of a broader nature than its name would indicate. It consists of a more thorough study of the elements, emphasizing in particular their characteristic differences. This course taken with Chem. 1 and 2 makes a complete year's work in chemistry.

*Text: To be announced.*

### ORGANIC CHEMISTRY.

*Chem. 4.*

*Credit, 5 hrs.*

*Professor Crossley and Assistant.*

Fall term. Lectures, Mon., Wed., Fri., at 2:15. Laboratory two periods per week, each about two hours, at times to be arranged. For Sophomores. Prerequisites, Chem. 1, 2 and 3. Elective in A. Either this or calculus is required in B. If calculus is elected, this may be offered as an advanced science.

This is a systematic study of the aliphatic compounds of carbon. The laboratory work consists in the synthetic preparation of elementary organic substances.

*Text: Organic Chemistry: Perkin and Kipping.*

### ORGANIC CHEMISTRY (Cont.).

*Chem. 5.*

*Credit, 5 hrs.*

*Professor Crossley and Assistant.*

Winter term. Lectures, Mon., Wed., Fri., at 2:15. Laboratory two periods per week, each about two hours, at times to be arranged. For Sophomores. Prerequisites, Chem. 1, 2, 3 and 4. Elective in A. Either this or calculus required in B. If calculus is elected, this may be offered as an advanced science.

This course is a continuation of Chemistry 4. It is a study of the aromatic carbon compounds. In the laboratory the work is the preparation of aromatic carbon compounds.

NOTE—Chemistry 4 and 5 should be elected by students who propose to study medicine.

*Text: Organic Chemistry: Perkin and Kipping.*

## QUANTITATIVE ANALYSIS.

Chem. 6.

Credit, 5 hrs.

*Professor Parker.*

Spring term. Lectures, conferences and laboratory work at hours to be arranged. For Sophomores. Prerequisites, Chem. 1 and 2 or 1a and 2a, also Chem. 3. Course is a prerequisite for all further work in analytical chemistry and for Chem. 10 and 11. Elective in group A. May be offered as an advanced science in group B.

This is mainly a laboratory course and deals in a general way with the fundamental processes of quantitative chemical analysis, both gravimetric and volumetric. The course should be selected by students intending to specialize in chemistry.

*Text: To be announced later.*

## ADVANCED QUANTITATIVE ANALYSIS.

Chem. 7.

Credit, 5 hrs.

*Professor Parker.*

Fall term. Lectures, conferences and laboratory work at hours to be arranged. Prerequisites, Chem. 1 or 1a, 2 or 2a, 3 and 6. Elective in both groups. May be offered as advanced science in group B.

The course is mainly laboratory work with collateral reading. It includes the calibration of burettes, pipettes, etc., and the standardization of weights. The analyses of more complex compounds are considered. The nature of the work may be varied from time to time to suit the needs of the class.

*Text: Oleson's Quantitative Analysis.*

## FIRE ASSAYING.

Chem. 8.

Credit, 5 hrs.

*Professor Parker.*

Winter term. At hours to be arranged. Lectures and laboratory work. For Juniors and Seniors. Prerequisites, Chem. 1 or 1a, 2 or 2a, 3 and 6, Min. 1 and 2. Elective in both groups. May be offered as advanced science in group B.

This course consists of instruction and practice in the fire assay of the precious metals and is a specialized form of quantitative

chemical analysis. The course is especially designed to meet the needs of students who are looking toward the various mining and metallurgical industries.

*Text: Rhead and Sexton's Metallurgical Analysis.*

### PHYSIOLOGICAL CHEMISTRY.

*Chem. 9.*

*Credit, 5 hrs.*

*Professor Crossley and Assistant.*

Spring term. Lectures, Tu., Th., at 2:15. Laboratory three periods per week, each about two hours, at times to be arranged. For Sophomores and Juniors. Prerequisites, Chemistry 1, 2, 3, 4 and 5, also Biology 1, 5 and 6. Elective in A and B. May be offered as an advanced science in B.

This course aims to give a general view of the chemistry of the chief foodstuffs; to study the processes by which these are made available for the use of the body and to consider the chemistry of the blood, tissues, secretion and excretions of the body.

*Text: Practical Physiological Chemistry: Hawk.*

### ADVANCED ORGANIC CHEMISTRY.

*Chem. 10.*

*Credit, 5 hrs.*

*Professor Crossley.*

Fall term. Lectures, conferences in German and laboratory preparations. Time to be arranged. For Juniors and Seniors. Prerequisites, Chemistry 1, 2, 3, 4, 5 and 6. Elective in A and B. May be offered as an advanced science in B. A reading knowledge of German is essential.

This course is a study of the complex organic reactions and the laws according to which they are formed. The laboratory work is to be conducted on an industrial basis.

*Text: Organisch-Chemischer Preparate: S. Levy.*

### ADVANCED ORGANIC CHEMISTRY.

*Chem. 11.*

*Credit, 5 hrs.*

*Professor Crossley.*

Winter term. Lectures, conferences in German and laboratory preparations. Time to be arranged. For

Juniors and Seniors. Prerequisites, Chem. 1, 2, 3, 4, 5, 6 and 10. Elective in A and B. May be offered as advanced science. A reading knowledge of German essential.

This course is a continuation of 10. The laboratory work will be organic analysis and the determination of the molecular weights and constitution of organic compounds.

*Text: Organisch-Chemischer Preparat: S. Levy.*

### SANITARY CHEMISTRY.

*Chem. 12.*

*Credit, 5 hrs.*

*Professor Crossley.*

Spring term. Lectures, conferences and laboratory. At least 8 hours of attendance. Time to be arranged. For Juniors, Seniors and Graduates. Prerequisites, Chemistry 1, 2, 3, 4, 5, 6 and 9 and 13, also Biology 1 and 4. Elective in B. May be offered as an advanced science.

This course aims to give practical instructions in the sanitary survey of a community; to study the chemical methods of sterilization and disinfection; to make qualitative and quantitative chemical and bacteriological examinations of air, water, milk and soil and to study pathogenic bacteria in their relation to disease.

*Text: To be selected.*

### WATER AND GAS ANALYSIS.

*Chem. 13.*

*Credit, 4 hrs.*

*Professor Parker.*

Winter term. Lectures, conferences and laboratory work, at hours to be arranged. Prerequisites, Chem. 1 or 1a, 2 or 2a, 3 and 6. Elective in both groups. May be offered as an advanced science in group B. Course is a prerequisite for Chem. 12.

The course is largely laboratory work with collateral reading upon the problems of water supply and the analysis of waters.

*Text and references to be announced.*



## MECHANICS AND SOUND.

*Phys. 1.**Professor Davis.**Credit, 4 hrs.*

Fall term. Three lectures per week at 9:30. Two laboratory sessions at hours to be arranged. For Sophomores. Prerequisites, college entrance physics and trigonometry. May be taken as a required science in group A. May be taken as one of the two required courses in physics in group B.

This course is the beginning of college physics and should be emphasized by all students looking toward engineering in any form.

*Text: To be announced.*

## HEAT AND LIGHT.

*Phys. 2.**Professor Davis.**Credit, 5 hrs.*

Winter term. Three lectures per week at 9:30. Laboratory twice a week at hours to be arranged. For Sophomores. Prerequisite, college entrance physics. May be offered as a required science in group A or as one of the two courses in physics required in group B.

The course is a continuation of Phys. 1 and is designed for general information as well as for students specializing in science. The lectures are very fully illustrated.

*Text: To be announced.*

## MAGNETISM AND ELECTRICITY.

*Phys. 3.**Professor Davis.**Credit, 5 hrs.*

Spring term. Three lectures per week at 9:30. Laboratory twice a week at hours to be arranged. For Sophomores. Prerequisites, college entrance physics and Chem. 1 or 1a, and Chem. 2 or 2a. May be offered

as a required science in group A or as one of the two courses in physics required in group B.

This course is a continuation of Phys. 2 and completes a year's work in physics. The course is designed for purposes of general culture, as well as for students specializing in science.

*Text: To be announced.*

#### DIRECT CURRENT ELECTRICITY.

*Phys. 4.*

*Professor Davis.*

*Credit, 4 hrs.*

Fall term. At hours to be arranged. Lectures, conferences and laboratory work. For Juniors and Seniors. Prerequisites, Phys. 1, 2 and 3, Chem. 1 or 1a, 2 or 2a and 3. Elective in group A and may be offered as an advanced science in group B.

The course is largely composed of laboratory work with reference reading and is a continuation of Phys. 3. It includes electrical measurements and the testing of direct current motors and dynamos, the calibration of ammeters, voltmeters, etc. The study of the direct current dynamo is an important part of this course.

*Text: To be announced.*

#### ALTERNATING CURRENT ELECTRICITY.

*Phys. 5.*

*Professor Davis.*

*Credit, 5 hrs.*

Winter term. At hours to be arranged. Lectures, conferences and laboratory work. For Juniors and Seniors specializing in science. Elective in both groups. May be offered as an advanced science in group B. Prerequisites, Phys. 1, 2, 3 and 4 and Chem. 1 or 1a and Chem. 2 or 2a and 3. Math. 1 and 2.

Course consists of the systematic study of alternating current phenomena, including the dynamos of various types, transformers, etc., and is intended for students desiring to lay a thorough foundation for electrical engineering.

*Text: To be announced.*

## PHYSICAL CHEMISTRY.

*Phys. 6.**Credit, 5 hrs.**Professor Parker and Professor Davis.*

Spring term. At hours to be arranged. Lectures and laboratory work. For Juniors and Seniors. Elective in both groups. May be offered as an advanced science in group B. Prerequisites, Chem. 1 or 1a, 2 or 2a, Phys. 1, 2 and 3.

The work includes a study of the various phenomena in the border land between physics and chemistry. It considers the relation of radio-active materials to the various problems of matter and electricity. The course is designed for students of both chemistry and physics who desire further knowledge of the interesting field not usually covered in either science.

*Text: To be announced.*

## ELEMENTARY PHYSICS.

*Phys. d.**Credit, 1-2 unit.**Professor Davis.*

Fall term, at 1:15. Laboratory twice a week at hours to be arranged. For sub-collegiate students. Prerequisites, 1 unit of algebra and  $\frac{1}{2}$  unit of plane geometry, but the latter may be taken at the same time as physics. Course is a prerequisite for college entrance.

The work is elementary in character and is designed for those beginning the study of physics. Emphasis is put upon the keeping of proper note-books.

*Text: Milliken and Gale.*

## ELEMENTARY PHYSICS.

*Phys. d1.**Credit, 1-2 unit.**Professor Davis.*

Winter term, at 1:15. Laboratory twice a week at hours to be arranged. For sub-collegiate students. Pre-

requisite, Phys. d. Course is a prerequisite for college entrance.

This is a continuation of Phys. d and forms with it a complete course in elementary physics as required for entrance to college.

*Text: Milliken and Gale.*

### GEOMETRICAL DRAWING.

*Graphics 1.*

*Professor Davis.*

*Credit, 2 hrs.*

Fall, Winter and Spring terms, at 10:30. For Freshmen. No prerequisites.

The course consists of instruction in graphic language, the use of instruments, geometrical problems, conic sections, intersections, developments and lettering.

*Text: I. C. S. Instruction Paper No. 93.*

### MECHANICAL DRAWING.

*Graphics 2.*

*Professor Davis.*

*Credit, 2 hrs.*

Fall, Winter and Spring terms, at 10:30. For Freshmen. Prerequisite, Graphics 1.

The work of this course consists of mechanical drawing, including conventions, dimensioning and common working methods.

*Text: I. C. S. Instruction Paper No. 619.*

### MECHANICAL DRAWING.

*Graphics 3.*

*Professor Davis.*

*Credit, 2 hrs.*

Fall, Winter and Spring terms, at 10:30. For Sophomores. Prerequisites, Graphics 1 and 2.

Course is a continuation of Graphics 2 and consists in the preparation of working drawings of machine parts, etc. Particular attention is given to the preparation of drawings of scientific apparatus for publication as cuts.

*Text: I. C. S. Instruction Paper No. 286.*

## SKETCHING AND BLUE PRINTING.

Graphics 4.

Credit, 2 hrs.

*Professor Davis.*

Fall, Winter and Spring terms, at 10:30. For Sophomores or Juniors. Prerequisites, Graphics 1, 2 and 3.

The course is an extension of Graphics 3 and includes the sketching and making of working drawings of machines and scientific apparatus, the representation of electric circuits from actual observation.

*Text: I. C. S. Instruction Paper No. 620.*

## DYNAMIC AND STRUCTURAL GEOLOGY.

Geol. 1.

Credit, 4 hrs.

*Professor Richmond.*

Fall term. Tu., Wed., Th., Fri., at 9:30. For Seniors. Prerequisites, Biol. 1 and Bot. 4, and Chem. 1 and 2. Elective in both groups.

This course embraces the consideration of forces now at work upon the surface of the earth, as furnishing a key for reading its past history. A careful study is made of local geological formations, and notes and maps are required illustrating all formations studied. Excursions will be made to introduce the student into practical field work.

*Text: Le Conte's Elements of Geology, Parts I and II.*

## HISTORICAL GEOLOGY.

Geol. 2.

Credit, 5 hrs.

*Professor Richmond.*

Winter term. Daily, at 9:30. For Seniors. Prerequisite, Geol. 1. Elective in both groups.

This course follows directly upon course 1, and is an application of it in constructing earth history from the records of the rocks. A study and classification of fossils is made, and their bearing upon the development of life is considered. Lectures upon evolution accompany this course.

*Text: Le Conte's Elements of Geology, Part III.*

## ECONOMIC GEOLOGY.

Geol. 3.

*Professor Richmond.**Credit, 5 hrs.*

Spring term. Daily, at 8:30. For Seniors. Prerequisites, Geology 1, and Mineralogy 1 and 2. Elective in both groups.

This course includes all geological materials that are of economic importance. It treats of their modes of occurrence, distribution, uses and relative importance.

*Text: Economic Geology.*

## DESCRIPTIVE MINERALOGY.

Min. 1.

*Professor Richmond.**Credit, 5 hrs.*

Fall term. Daily, at 8:30. For Juniors. Prerequisites, Chemistry 1 and 2. Elective in both groups.

This course is intended to be preparatory for the work in geology, and also for entrance upon practical work in mineralogy and assaying. The aim is to render the student familiar with the common minerals and metals, so as to recognize them readily by their physical properties.

*Text: Dana's.*

## DETERMINATIVE MINERALOGY.

Min. 2.

*Professor Richmond.**Credit, 4 hrs.*

Winter term. Tu., Wed., Th., Fri., at 8:30. For Juniors. Prerequisite, Mineralogy 1. Elective in both groups.

This course is a qualitative analysis of minerals by means of physical tests, and looks to the further analytical work of assaying.

## PLANT STRUCTURES.

*Botany 4.**Credit, 4 hrs.**Professor Richmond and Assistant.*

Spring term. Tu., Wed., Th., Fri., at 9:30. For Freshmen. Required in group B. May be chosen as a required science in group A.

This course embraces the study of the great plant groups, including their life, processes of nutrition and reproduction, and the relation of the various groups to each other. Laboratory work and lectures accompany both courses in botany.

## PHYSICAL GEOGRAPHY.

*Credit, 1/2 unit.*

Winter and Spring terms. Daily, at 10:30. For sub-collegiates. May be elected for 1/2 unit towards requirements for college entrance.

*Text: Dryer's Physical Geography.*

## PHYSICAL TRAINING.

H. B. CAMPBELL, A.B.,  
*Physical Director.*

LIEUT. LUDWICK GRAVES,  
*Instructor in Military Drill.*

This department has been placed on the same basis as other college work. The purpose is not the development of professional athletes, but to promote the student's health and usefulness by directing his physical activities and acquainting him with the means of bodily development.

The theoretical side of this subject, including particularly the care of the body and the preservation of health, is treated under the required courses Biol. 5, 6 and 7, which are the lectures, while the following courses are to be regarded as the laboratory work.

In all classes the work is graded, and each division of the class is given exercises suited to the needs of the individual. A physical examination is required of all students at the beginning of each college year.

Each student should provide himself with a pair of white gymnasium shoes and a gymnasium suit, consisting of gray Turner trousers and a sleeveless gray jersey. No student will be permitted on the gymnasium floor without tennis shoes.

The work naturally grades from the easy to the more difficult, as the numbers indicate. It is to be observed that a student may choose as many courses as he desires in addition to the required number, but the maximum credit allowed for graduation will not in any case exceed three term hours.

Students playing on the regular college teams may be excused from gymnasium work while actually on such a team without any loss of credit for gymnasium work, but this excuse shall not be granted for more than a total of one term of gymnasium work.

## FRESHMAN GYMNASTICS.

*Phys. Ed. 1, 2, 3.*

*Credit, 3 hrs.*

*Mr. Campbell and Assistants.*

Fall, Winter and Spring terms. At 11, 2:15, 3:15 and 4:15. For Freshmen.

2a. Fall term. Foot-ball, soccer, track, tennis, cross-country running. 2b. Winter term. Continuation of 2a. Basket-ball,



volley-ball, track, gymnastics, including marching, calisthenics and gymnastic dancing, horizontal bar, low bar, side and long horse, parallel bar, tumbling. 2c. Spring term. Continuation of 2b. Gymnastics, base-ball, track, tennis.

### SOPHOMORE GYMNASTICS.

*Physical Culture, 4, 5, 6.*

Fall, Winter and Spring terms. Tu., Th., at 11, 2:15, 3:15 and 4:15. For Sophomores. 2a, 2b and 2c, or the equivalent.

3a. Fall term. Foot-ball, soccer, track, cross-country running.  
3b. Winter term. Continuation of 3a. Basket-ball, volley-ball, track, advanced work in gymnastics, fancy apparatus work, fancy marching and gymnastic dancing, pyramid building. 3c. Spring term. Continuation of 3b. Base-ball, track, tennis, gymnastics.

### SPECIAL GYMNASTICS.

*Physical Culture, 4.*

*Mr. Campbell.*

Fall, Winter and Spring terms. At hours to be arranged.

### MILITARY DRILL.

*Gym. 1, 2, 3.*

*Lieutenant Graves.*

Three times per week at hours to be arranged. For sub-collegiate students. Required two terms each year; one term elective.

The work will include setting up exercises and the drills relating to the soldier, squad, company and battalion, the manual of arms, practice formations, marches and other military exercises.

## BUSINESS COURSES.

For students desiring to prepare themselves to become competent business men, the following special courses are offered:

**Bookkeeping:** A two-term course. Classes will be formed at the beginning of the first and second terms.

**Stenography:** Two courses of one year each. Classes formed at the beginning of the session only.

**Typewriting:** One course extending through the year. As the instruction in this art is necessarily individual in its character, students will be permitted to begin the work at any time.

Proficiency in spelling, English grammar, simple letter writing, commercial arithmetic and penmanship are prerequisites to any of the above courses.

## OUTLINE OF SUB-COLLEGIATE COURSES.

Full details of these classes have been given under the proper headings, and the following table shows the order in which they should be taken to secure the best results.

*Letters indicate the course, figures the number of recitations per week.*

### FIRST YEAR.

Subject	Fall Term	Credit	Subject	Winter Term	Credit	Subject	Spring Term	Credit
English, a.	.....	5	English, a1.	.....	5	English, a2.	.....	5
Latin, a.	.....	5	Latin, a1.	.....	5	Latin, a2.	.....	5
Mathematics, a.	.....	5	Mathematics, a1.	.....	4	Civics.	.....	5
American Hist., a.	.....	5	American Hist., a1.	.....	5			

### SECOND YEAR.

English, b.	.....	5	English, b1.	.....	5	English, b2.	.....	5
Latin, b.	.....	5	Latin, b1.	.....	5	Latin, b2.	.....	5
Mathematics, b.	.....	5	Mathematics, b1.	.....	5	Mathematics, b2.	.....	5
Physiology, b.	.....	4	Physiology, b1.	.....	5			

### THIRD YEAR.

English, c.	.....	5	English, c1.	.....	5	English, c2.	.....	5
Latin, c.	.....	5	Latin, c1.	.....	5	Latin, c2.	.....	5
Mathematics, c.	.....	5	Mathematics, c1.	.....	5	Mathematics, c2.	.....	5
Physiography, c.	.....	5	History, c1.	.....	5	History, c2.	.....	5
History, c.	.....	5						

### FOURTH YEAR.

English, d.	.....	5	English, d1.	.....	5	English, d2.	.....	5
Latin, d.	.....	5	Latin, d1.	.....	5	Latin, d2.	.....	5
Mathematics, d.	.....	5	Mathematics, e.	.....	5	Mathematics, e1.	.....	5
History, d.	.....	4	History, d1.	.....	5	History, d2.	.....	5
El. Physics, d.	.....	4	El. Physics, d1.	.....	5	Greek, d2.	.....	5
Greek, d.	.....	5	Greek, d1.	.....	5	or German, d2.	.....	5
or German, d.	.....	5	or German, d1.	.....	5			

After a student has entered school he is not permitted to make a credit by examination, unless the preparation for the examination is done in the regular way prescribed by the College. (See page 35f.)

## LECTURES.

During the collegiate year 1911-12 the following lectures have been delivered before the students by visiting gentlemen:

(1) To the classes in History and Political Science by Samuel Zane Batten, of Des Moines College, Des Moines, Iowa, on "The Social Basis of the Spiritual Life;" by Dr. W. S. Hall, of Northwestern University, Evanston, Ills., on "The Biological Basis of Sociology;" by Dr. Charles W. Moore, Institutional Church, of Kansas City, a series on "The Church and Social Service," "Prevention Rather Than Cure," "Influence of the Teutonic and Celtic in Art History," "Rambles Through Europe and About the Mediterranean" (illustrated); by Rev. John W. Rider, Supt. of Boys' Hotel, Kansas City, on "The Boys' Hotel."

(2) A series of four lectures by Rev. Henry Clay Mabie, D.D., of Boston, Mass., on the general subject of Christian Missions.

(3) One lecture by the Rev. I. T. Headland, of Pekin, China, on "Recent Movements in China."

(4) A course of public extension lectures has been given by members of the faculty as follows:

Dr. D. J. Evans, The City of Jerusalem.

Dr. R. R. Fleet, The Capture Theory of Creation.

Dr. E. C. Griffith, The City Beautiful.

Dr. M. L. Crossley, The Conservation of Health.

## STUDENT ACTIVITIES.

## ATHLETICS.

The care and development of the physical man is divided into two fields, mutually overlapping, both under the immediate supervision of the physical director: first, physical culture; second, athletic sports. The particular description of the courses in physical culture will be found in the part of the catalogue allotted to the outlines of the courses of study.

The whole department of athletic sports is controlled and financed by the William Jewell Athletic Association, which consists of the student body and such members of the faculty as wish to join. Each member pays an athletic fee of \$5.00 per year and is thereby entitled to admission to all games under the charge of the association. The immediate supervision of the work of the association is in charge of an athletic board of five members, consisting of the president, elected from the faculty by the faculty; the treasurer of the college, who is ex-officio the treasurer of the association; the secretary and two other members, elected from the student body by the association at the annual spring meeting.

The recognized games of the association are foot-ball, basket-ball, base-ball, track athletics and tennis.

It is the earnest desire to provide some suitable form of athletics for every man, but to guard strictly against over-specialization.

No student shall play on the college teams unless the following conditions have been complied with:

- (1) He must not lack more than five units for entrance to this college.
- (2) He must be making a grade not lower than C in twelve hours of work, either in college or in work that may be counted for entrance to this college.
- (3) He must have passed in twelve hours of work either in college, or in studies that may be counted for entrance to this college the last previous term of his residence, but this rule shall not apply to the new student during his first term.
- (4) He must not be on probation.
- (5) In the case of the foot-ball team all minors must have presented to the president of the college the written permission of their parents or guardians to engage in this sport.
- (6) He shall not have played on college teams for more than four years.

## THE YOUNG MEN'S CHRISTIAN ASSOCIATION.

The four years of college life determines largely a man's attitude towards Christianity. In order that he may finish his course as an enthusiastic, aggressive Christian leader, the Y. M. C. A. of this college was founded. It has grown to be one of the strongest associations in the State. A general secretary is employed and gives his entire time to directing the Christian work of the student body. Bible study courses, mission study courses, social study courses, religious meetings on vital topics, a lecture course, extension work and gospel teams constitute the chief part of the program of study and work. The new student receives the attention of the Association at the beginning of each year, and is put in touch with the best currents of college life.

The Association last year numbered 436 members. The officers for the scholastic year, 1912-1913, are as follows:

General Secretary.....	HAROLD J. ROUNDS,	A.B.
President.....	HOWARD T. BEAVER,	'13.
Vice-President.....	RALPH B. BAGBY,	'14.
Secretary.....	FRANK R. BIRKHEAD,	'15.
Treasurer.....	ROGER D. ARNOLD,	'13.
Assistant Treasurer.....	ROBERT L. DAVIDSON,	'14.

The Cabinet consists of the officers and the following chairmen of committees:

Bible Study.....	R. HENRY MOORMAN,	'13.
Mission Study.....	FRANK H. CONNELLY,	'13.
Devotional.....	CECIL F. DAWSON,	'15.
Religious Meetings.....	HERMAN D. SCHAEFFER,	'14.
Extension Work.....	CLAUDE F. WARREN,	'16.
New Student Work.....	MERRY D. FLEET,	'14.
Social.....	HERSCHEL CALDWELL,	'16.
Lecture Course.....	ROY JOHNSON,	'13.

## SOCIETIES.

### LITERARY.

The four Literary Societies—Excelsior, Junior Excelsior; Philomathic, Junior Philomathic—have large and elegantly furnished halls in Jewell Hall, where they meet every Friday evening for debate and general literary exercises.

The two senior and the two junior societies have interesting society contests in oratory, debate, essay reading and declama-

tion, for which they jointly offer gold medals. The rivalry is cordial and friendly.

*Every student is urged to join one of these societies and to participate actively in all the duties pertaining thereto. The training resulting from such participation is invaluable.*

### ALUMNI ASSOCIATION.

The Alumni Association, composed of the old students of the college, holds its annual meeting on Alumni Day, the day before commencement. The usual order for this occasion of reunion is an address and banquet.

There are four associations in the State: The General Association of the Alumni, having its headquarters at Liberty, Missouri, and three local associations, one in Kansas City, one in St. Louis and one in St. Joseph.

The old students are endeavoring to raise money enough to endow a chair in the college. This fund now amounts to \$10,500. The number of graduates interested in this work is about five hundred.

The Association has its annual meeting and banquet on Tuesday of Commencement Week, this day being known as Alumni Day.

### OFFICERS.

President, John H. Duncan.....	St. Louis, Missouri
Vice-Presidents {	Ralph Hughes.....Liberty, Missouri
	C. S. Marsh.....St. Louis, Missouri
	D. M. Proctor.....Kansas City, Missouri
Secretary, D. A. Sharp.....	Liberty, Missouri
Assistant Secretary, J. E. Davis.....	Liberty, Missouri
Treasurer, John S. Major.....	Liberty, Missouri

### DIRECTORS.

J. H. Rothwell.....	Liberty, Missouri
F. H. Trimble.....	Liberty, Missouri
W. M. Fitch.....	Maysville, Missouri
J. B. Pew.....	Kansas City, Missouri
W. H. Edwards.....	Liberty, Missouri
M. H. Winger.....	Kansas City, Missouri
E. H. Norton, Jr.....	Liberty, Missouri

## LOCAL ASSOCIATIONS.

## ST. LOUIS.

President, J. H. Duncan, '72.....Humboldt Building.  
Vice-President, S. E. Ewing, '93.....Metropolitan Building.  
Secretary, H. G. Colwell, '97.....Central High School.

## KANSAS CITY.

President, F. P. Neal, '80.....Southwest National Bank.  
Vice-President. . . . .  
Secretary, D. M. Proctor, '02.....New York Life Building.

## MISSIONARY SOCIETY.

Aside from Mission Sunday-School work, the Student Volunteer Band and the Missionary Society make a systematic study of world-wide missions. As an aid to this study, there are over 100 volumes of excellent literature on all phases of the mission work.

## GERMAN CLUB.

The German Club is organized for practice in German conversation and the study of German customs. It meets every other Tuesday in the evening. Students who have completed one year of German and propose to continue the work in that department, and others who have had two years of the language are eligible to membership.

## THE CO-OPERATIVE ASSOCIATION.

This is an organization of volunteer members from among the students and faculty. It has been formed for the purpose of enabling its members to procure school supplies at as low rates as possible, and to assist in obtaining employment for such students as may desire aid in meeting the expenses of the year.

It has no organic connection with the administrative department of college work, but two members of the faculty are chosen by the student managers from year to year, as advisory members of the board of directors.

## STUDENT PUBLICATIONS.

The *William Jewell Student* is published by the Excelsior and Philomathic Societies. It takes rank among the foremost of college magazines. The editorial and business management of the magazine call for the best talent, so that place on the staff is esteemed an honor.

The *Tatler* is published annually by the Junior Class and is a resume of college experiences, humorous and otherwise.



## DEGREES CONFERRED JUNE 7, 1911.

## DOCTOR OF DIVINITY (HONORARY).

REV. JOHN THOMAS PROCTOR.....Shanghai, China

## DOCTOR OF LAWS (HONORARY).

JOHN EDDY FRANKLIN.....St Louis, Missouri

## MASTER OF ARTS.

GEORGE W. CASSIDY.....Wichita, Kansas  
Thesis: The Political Economy of John Ruskin.

WILLIAM ELI DAVIS.....Monte Vista, Colorado  
Thesis: The Services of the Church to Society.

PAUL CASPAR HARVEY.....Liberty, Missouri  
Thesis: The Provinces and Purpose of Law.

JOHN FRANK SMITH.....Kansas City, Missouri  
Thesis: The Religious Element in European History  
in the Nineteenth Century.

## BACHELOR OF ARTS.

EDGAR COMMODORE BARTON.....Liberty, Missouri  
Essay: Woman Shall Ever Be Woman.

ERNEST ROGAN BEASLEY.....Kansas City, Missouri  
Essay: The Influences of Heredity on the Individual.

JOHN JEFFERSON BELL.....Newtonia, Missouri  
Essay: Choosing from Each Man His Best.

ZECHARIAH FORD BOND.....Louisville, Kentucky  
Essay: The Insignia of Power.

MENTOR MORRIS BONEY.....Cairo, Missouri  
Essay: The Kansas City (Mo.) Board of Public Welfare.

- JOSEPH EVERINGHAM BROWN.....Kansas City, Missouri  
Essay: You Cannot Dream Yourself Into a Character.
- CLARENCE EUGENE DOPPLER.....Weston, Missouri  
Essay: Imaginary Ills.
- CLYDE LYMAN GIBBENS.....Wichita, Kansas  
Essay: Every Noble Life a Fibre in The Fabric of  
the World.
- ORIE GRUELLE.....Dry Ridge, Kentucky  
Essay: A Man Must Needs Stand Erect and Not  
Keep Erect.
- JEREMIAH LOUIS GUTHRIE.....Liberty, Missouri  
Essay: Caius Valerius Catullus.
- WALTER ANDREW HENDERSON.....Liberty, Missouri  
Essay: To Have a Friend, Be a Friend.
- MALCOM EDWARD HERRING.....Liberty, Missouri  
Essay: The Growth of American Banking.
- LAWRENCE ELMER JONES.....Stotts City, Missouri  
Oration: Man and Circumstances.
- ELMER KIRKPATRICK.....Corbin, Missouri  
Oration: The Will to Believe.
- WALTER COURTNEY LOWRIE.....Gallatin, Missouri  
Essay: The True in Heart are Persuasive in Tongue.
- FREDERICK LEE MAJOR.....Windsor, Missouri  
Essay: What is Really Worth While.
- WILLIAM JEWELL MORRIS.....Sedalia, Missouri  
Essay: Industry and Integrity a Proof Against Bad Luck.
- STEPHEN IRA MYERS.....Buckner, Missouri  
Essay: The Essential Thing is Character.
- CLIFTON JENNINGS MCGLOTHLAN.....Berthoud, Colorado  
Essay: The Criminal.
- MARK BANGS PADDOCK.....Kansas City, Missouri  
Essay: The Heart of the Climber.
- FORD FRANKLIN PETTY.....Tarkio, Missouri  
Essay: The Potentiality of the American Negro.

- DAVID FRANKLIN RISK.....Liberty, Missouri  
    Essay: The Fundamentals of Government.
- JULIAN CLAY RISK.....Liberty, Missouri  
    Oration: The Enforcement of Law.
- OLIVER SHANK.....St. Louis, Missouri  
    Essay: Greatest Glory in Rising Every Time We Fall.
- JAMES PENDLETON SMITH.....Butler, Missouri  
    Essay: Falling in Love With Your Work.
- MILES WOODWARD SMITH.....Erlanger, Kentucky  
    Oration: The Assimilation of the Immigrant.
- LEVI JOSEPH SNOW.....Willow Springs, Missouri  
    Oration: The Outlook of Optimism.
- CHESTER JAY UNDERHILL....Melrose Highlands, Massachusetts  
    Essay: Persistence as a Factor in Success.
- HENRY WEBER.....St. Louis, Missouri  
    Essay: Saint Paul.
- CHARLES HARRISON WHITE.....Fredericktown, Missouri  
    Oration: The Sane Philanthropist.

#### GRADUATES IN ENGLISH THEOLOGY.

- WILLIAM GEORGE FRANKENBURGER.....Cimarron, New Mexico
- ROYAL LEICESTER WILLIAMS.....Kansas City, Missouri

## CATALOGUE OF STUDENTS.

## GRADUATE STUDENTS.

NAME.	POST-OFFICE.	STATE.
ATWOOD, FRANK ELY.....	Carrollton.....	Missouri
	Major in History, Minor in Sociology.	
BIBB, THOMAS WILLIAM.....	Seattle.....	Washington
	Major in History, Minor in Economics.	
BLAKE, HENRY WILLIAM.....	Holly.....	Colorado
	Major in Geology, Minor in History.	
CHILES, HENRY CLAY.....	Lexington.....	Missouri
	Major in History, Minor in Political Science.	
EUBANK, EARL EDWARD.....	Lingayen. ....	Pangasinan, P. I.
	Major in Sociology, Minor in English.	
HACKLER, JOHN MANNING.....	Kansas City.....	Missouri
	Major in Latin, Minor in Political Science.	
HERBOLD, GEORGE WILLIAM.....	Louisville.....	Kentucky
	Major in Sociology, Minor in Theology.	
HUXLEY, THOMAS LEONARD.....	Kalispell.....	Montana
	Major in Philosophy, Minor in Political Science.	
KIRKPATRICK, ELMER.....	Corbin.....	Missouri
	Major in Latin, Minor in Philosophy.	
KIRTLEY, LOREN EUSEBIUS.....	Akron.....	Ohio
	Major in English, Minor in Sociology.	
MARR, EMMETT ELMER.....	Lingayen.....	Pangasinan, P. I.
	Major in Sociology, Minor in History.	
MARTIN, ASA EARLE.....	Westport, Kansas City.	Missouri
	Major in Sociology, Minor in History.	
MORRIS, WILLIAM JEWELL.....	Sedalia.....	Missouri
	Major in Sociology, Minor in History.	
SIMRALL, ERNEST GRAHAM.....	Liberty.....	Missouri
	Major in Political Science, Minor in History.	
SMITH, MILES WOODWARD.....	Tarkio.....	Missouri
	Major in English, Minor in Sociology.	
SNOW, LEVI JOSEPH.....	Willow Springs.....	Missouri
	Major in Greek, Minor in Latin.	
STEPHENS, ROBERT THOMAS.....	Excelsior Springs.....	Missouri
	Major in Political Science, Minor in History.	
WILLIAMS, HARRY H.....	Slater.....	Missouri
	Major in Mathematics, Minor in German.	
WILLIAMS, WILLIAM HARRISON.....	Glasgow.....	Kentucky
	Major in English, Minor in Sociology.	

(19 Graduate Students.)

## SENIOR CLASS.

NAME.	POST-OFFICE.	STATE.
Arnote, William Henry.....	Liberty. ....	Missouri
Babb, Samuel Erwin.....	Blackwell. ....	Oklahoma
Bell, Ernest Keller.....	Liberty. ....	Missouri
Blackford, Benjamin B.....	Paris. ....	Missouri
Boone, William Cooke.....	Memphis. ....	Tennessee
Bowles, Robert Earl.....	Carrollton. ....	Missouri
Boyer, Charles Miller.....	Tarkio. ....	Missouri
Boyer, Ralph A.*.....	Tarkio. ....	Missouri
Combs, Henry Clay.....	Hazard. ....	Kentucky
Ferguson, William Cecil.....	Liberty. ....	Missouri
Foreman, Chauncey M.....	Albion. ....	Nebraska
Foster, Clarence Adolphus.....	El Dorado Springs....	Missouri
Graham, Ernest Mathews.....	Jonesboro. ....	Arkansas
Grffiths, Thomas Morgan.....	Dawn. ....	Missouri
Grimmett, Thomas Maxwell....	Murfreesboro. ....	Tennessee
Hardy, Alfred Roy.....	Independence. ....	Missouri
Hess, Frederick Owen.....	Kinderhoof. ....	Illinois
Hoff, John Henry.....	St. Clair. ....	Missouri
Holladay, William Addison....	Augusta. ....	Kansas
Long, William Earl.....	Sweet Springs. ....	Missouri
Martin, Isaac Roy, Jr.....	Liberty. ....	Missouri
Moser, George Francis.....	Stewartsville.. ....	Missouri
Motley, Cary Lee.....	Liberty. ....	Missouri
McGraw, Roy Elton.....	Leeton. ....	Missouri
Platt, Theodore. ....	Louisville. ....	Kentucky
Pollard, Stephen Reynolds....	Bowling Green. ....	Missouri
Powell, Frank Marion.....	New Bloomfield. ....	Missouri
Reynolds, Roy Groom.....	Liberty. ....	Missouri
Rhoades, Austin Milton.....	Liberty. ....	Missouri
Robb, William Luther.....	Liberty. ....	Missouri
Schlessman, Aaron. ....	Liberty. ....	Missouri
Stone, William Ernest.....	Kirksville. ....	Missouri
Storer, James Wilson.....	Baker City ....	Oregon
Swartz, Walter J.....	Chicago. ....	Illinois
Taylor, William Macklin.....	Liberty. ....	Missouri
Tubbs, Ira Irl.....	Great Bend. ....	Kansas
Tunnell, Chester Samuel.....	San Antonio. ....	Texas
Weakley, Emmett Charles.....	Gower. ....	Missouri
Wester, Ruben Axel.....	Kansas City. ....	Missouri
Widner, Earl Ezra.....	Newtown. ....	Missouri
Williams, John Henry.....	Liberty. ....	Missouri

\*Deceased.

NAME.	POST-OFFICE.	STATE.
Williamson, Samuel Charles....	Artesia. . . . .	New Mexico
Wilson, William Henry.....	Fredericktown. . . . .	Missouri
Wise, George Warren.....	Wellston. . . . .	Missouri

(44 Seniors.)

## JUNIOR CLASS.

NAME.	POST-OFFICE.	STATE.
Arnold, Roger David.....	Liberty. . . . .	Missouri
Beaver, Howard Tichenor....	Rocky Ford. . . . .	Colorado
Brandom, Ralph W. . . . .	Gallatin. . . . .	Missouri
Bratcher, Marion Emmett....	Ekron. . . . .	Kentucky
Bristow, Samuel. . . . .	Liberty. . . . .	Missouri
Cable, John Roy.....	Drexel. . . . .	Missouri
Cassingham, Carl Cassius....	Bosworth. . . . .	Missouri
Connely, Frank Hutchins....	Shelbina. . . . .	Missouri
Crawford, Wiley Claude.....	Liberty. . . . .	Missouri
Davidson, William Earl.....	Chillicothe. . . . .	Missouri
Durden, Charles. . . . .	Birmingham. . . . .	England
Fowler, Edward Dodge.....	Excelsior Springs. . . . .	Missouri
Guion, Joseph Clement.....	Kansas City. . . . .	Missouri
Hall, Wilford Raymond.....	McLeansboro. . . . .	Illinois
Hunt, Robert Larkey.....	Lincoln. . . . .	Missouri
Jacobsen, Lewis. . . . .	Selma. . . . .	California
Johnson, Roy. . . . .	Independence. . . . .	Missouri
Kennedy, Benjamin Franklin..	Guston. . . . .	Kentucky
Moorman, Robert Henry.....	Braymer. . . . .	Missouri
Parrott, Joseph Overbeck....	Liberty. . . . .	Missouri
Payne, James Preston.....	Fairfax. . . . .	Missouri
Pollard, Robert Lee, Jr.....	Bowling Green. . . . .	Missouri
Prewitt, William Edgar.....	Oak Grove. . . . .	Missouri
Rhoades, Forrest Lawson....	Liberty. . . . .	Missouri
Satterfield, James Herbert....	Pittsville. . . . .	Missouri
Smay, Thomas Franklin.....	Bolivar. . . . .	Missouri
Stemmons, Cecil Edward.....	Houstonia. . . . .	Missouri
Stephens, Homer Benjamin....	Santa Fe. . . . .	New Mexico
Stillions, Franklin Lafayette..	Palmyra. . . . .	Missouri
Tilton, Sanford Earl.....	Allendale. . . . .	Missouri
Trimble, George Dawson.....	Liberty. . . . .	Missouri
Wilson, Gordon Campbell.....	Lawson. . . . .	Missouri
Yancey, William B.....	Liberty. . . . .	Missouri
Yokley, William Ross.....	Knobnoster. . . . .	Missouri

(84 Juniors.)

## SOPHOMORE CLASS.

NAME.	POST-OFFICE.	STATE.
Bagby, Ralph Bridges.....	New Haven. ....	Missouri
Baskett, Edgar Drane.....	McFall. . . . .	Missouri
Boyer, Roy Vernon.....	Tarkio. . . . .	Missouri
Bright, John Kight.....	Liberty. . . . .	Missouri
Brock, Earl Ernest.....	Doniphan. . . . .	Missouri
Bryant, John Wallace.....	Rogers. . . . .	Arkansas
Cocke, John Bayne.....	Keytesville . . . . .	Missouri
Crawford, Alexander Bell, Jr..	Liberty. . . . .	Missouri
Criminger, Fredrick Osburn....	Heath Springs. ....	S. Carolina
Davidson, Robert Lee, Jr.....	Liberty. . . . .	Missouri
Durham, Lewis Earl.....	Manitou. . . . .	Oklahoma
Estes, Thomas Melven.....	Liberty. . . . .	Missouri
Fleet, Merry Daingerfield.....	Higginsville. . . . .	Missouri
Groves, Emil Forest.....	Tipton. . . . .	Missouri
Gum, Edgar Hadden.....	Miller. . . . .	Missouri
Hankins, Charles Cecil.....	Fairfax. . . . .	Missouri
Harl, Maple Talbot.....	Canon City. . . . .	Colorado
Harvey, Truman Alexander....	California. . . . .	Missouri
Hatcho, Goro. ....	Liberty. . . . .	Missouri
Hill, William Almer.....	Maples. . . . .	Missouri
Hickerson, Julius R.....	Tullahoma. . . . .	Tennessee
Jackson, Alfred Mosby.....	Fayette. . . . .	Missouri
Kenagy, Carl Lee.....	Warrensburg. . . . .	Missouri
Mahan, Lawrence Elmer.....	Harbor Beach. ....	Michigan
Merritt, Arthur Benjamin....	Liberty. . . . .	Missouri
Merritt, William Edwin.....	Liberty. . . . .	Missouri
Murray, Selden Howe.....	Liberty. . . . .	Missouri
McPike, George Vardeman....	Los Angeles. ....	California
Neuhauser, Karl Grant.....	Slidell. . . . .	Louisiana
Parks, William Elijah.....	Miami. . . . .	Michigan
Pinkerton, Edgar Lynn.....	Louisiana. . . . .	Missouri
Pitts, Samuel Younger.....	Roanoke. . . . .	Missouri
Power, Harlie. ....	Mt. Moriah. . . . .	Missouri
Ramos, Alfredo. ....	Calumpit. . . . .	Philippine Islands
Reed, Cortez Frederick.....	Louisiana. . . . .	Missouri
Rider, Nelson Willard.....	Independence. . . . .	Missouri
Schaeffer, Herman Davis....	Liberty. . . . .	Missouri
Singleton, Benjamin Adolphus.	Shelbyville. . . . .	Missouri
Sskwor, Joseph August.....	St. Louis. . . . .	Missouri
Stephens, Joseph Jefferson....	Liberty. . . . .	Missouri
Stephens, Howard Peyton....	Chefoo. . . . .	China
Thomas, Robert H.....	Highland. . . . .	Kansas
Wade, Hopkins. ....	Eldorado. . . . .	Arkansas

NAME.	POST-OFFICE.	STATE.
Wallace, Thomas Alexander....	St. Louis. ....	Missouri
Watts, Roland Russell.....	Rothville. ....	Missouri
Willoughby, Barclay Edwil....	Claypool. ....	Kentucky
Wilson, Bayard Campbell....	Lawson. ....	Missouri
Zentmyer, J. Waller.....	Corder. ....	Missouri

(48 Sophomores.)

### FRESHMAN CLASS.

NAME.	POST-OFFICE.	STATE.
Anderson, Alfred. ....	St. Joseph. ....	Missouri
Arnold, Laurent J. ....	Battle Creek. ....	Iowa
Bagby, Lewis Wallace.....	New Haven. ....	Missouri
Bell, William Francis.....	Lee's Summit. ....	Missouri
Bennett, William M. ....	Seneca. ....	Oregon
Billings, Charles Spurgeon....	Liberty. ....	Missouri
Birkhead, Frank Rose.....	Carthage. ....	Missouri
Blain, John Carter.....	Wellsville. ....	Missouri
Bowman, Byron Whitener.....	Dexter. ....	Missouri
Brown, Sanford M., Jr.....	Kansas City. ....	Missouri
Bruner, Joel Ernest.....	Ekron. ....	Kentucky
Burns, Asa Q.....	Green City. ....	Missouri
Bryan, Robert Thomas, Jr....	Shanghai. ....	China
Byrn, Charles Richardson....	Murfreesboro. ....	Tennessee
Cadwell, Gaius. ....	Broken Bow. ....	Nebraska
Canaday, Ernest Franklin....	Carrollton. ....	Missouri
Cantu, Abel. ....	Saltillo. ....	Mexico
Carbaugh, Glenn Claiborne....	Kansas City. ....	Missouri
Carnett, Francis W.....	Liberty. ....	Missouri
Charles, William Byron.....	Farber. ....	Missouri
Clarke, Joseph C.....	Liberty. ....	Missouri
Copas, Truman Alexander*....	California. ....	Missouri
Cordier, Albert Price.....	Kansas City. ....	Missouri
Crouch, Jesse Watkins.....	Liberty. ....	Missouri
Cuthbertson, Deno. ....	Liberty. ....	Missouri
Dailey, Roy Samuel.....	Hale. ....	Missouri
Davis, Otho Lauren.....	Walnut Grove. ....	Missouri
Dawson, Cecil F.....	Liberty. ....	Missouri
De Armond, James Granville...	Pleasant Hill. ....	Missouri
Dorris, Richard Paul.....	Jefferson City. ....	Missouri
Flagg, Herbert W.....	Boston. ....	Massachusetts
Franklin, Erskine Ashley.....	Cameron. ....	Missouri

\*Dismissed.



NAME.	POST-OFFICE.	STATE.
Fujii, Tota. ....	Liberty. ....	Missouri
Fuller, Sherman R. ....	Plattsburg. ....	Missouri
Galbraith, Charles Clifford. ....	Platte City. ....	Missouri
Garnett, Cecil Tipton. ....	Philadelphia. ....	Missouri
Garrett, Edward Prince. ....	Liberty. ....	Missouri
Geyer, John Sewell. ....	Graham. ....	Missouri
Godfriaux, Henry Renile. ....	Chicago. ....	Illinois
Godman, Mark Selser. ....	Kansas City. ....	Missouri
Gordon, Forrest Isaac. ....	Selma. ....	California
Graves, Ludwick. ....	Jefferson City. ....	Missouri
Hammen, Albert. ....	Jefferson City. ....	Missouri
Hammond, Charles Alexander. ....	Clayton. ....	New Mexico
Harris, George Elton. ....	Fort Collins. ....	Colorado
Hazard, Leland Walker. ....	Kansas City. ....	Missouri
Herrell, Albert Roscoe. ....	Heiskell. ....	Tennessee
Herndon, Coburn. ....	Plattsburg. ....	Missouri
Hill, Victor Dwight. ....	Hillsboro. ....	Missouri
Huffman, Horace McLelland. ....	Welston. ....	Oklahoma
Jefferies, Milnor. ....	Whitesville. ....	Missouri
Jeter, James Stovall. ....	Memphis. ....	Tennessee
Jones, Minetry Leigh. ....	St. Joseph. ....	Missouri
Karraker, Alva Hugo. ....	Dongola. ....	Illinois
Keeter, Harvey Lee. ....	Chico. ....	Texas
Langley, Charles Price. ....	Anderson. ....	Missouri
Layne, John Wilson. ....	Otterville. ....	Missouri
Leedy, Harold G. ....	Plattsburg. ....	Missouri
Lindburg, Arthur Redding. ....	Stromsberg. ....	Nebraska
Martin, Cecil. ....	Liberty. ....	Missouri
Matherly, Walter Jeffries. ....	Mackville. ....	Kentucky
Miller, Charles Jeffry. ....	Liberty. ....	Missouri
Miller, George LeRoy. ....	Eureka. ....	Kansas
Miller, Oliver Stephenson. ....	Liberty. ....	Missouri
Mitchell, Richard M. ....	Liberty. ....	Missouri
McGee, Grant, Jr. ....	St. Joseph. ....	Missouri
McHenry, Foster Bolton. ....	Jefferson City. ....	Missouri
McWilliams, William Newton. ....	Clarksdale. ....	Missouri
Ninegar, Charles Henry. ....	Killawog. ....	New York
Overlees, Milo Haskell. ....	Bartlesville. ....	Oklahoma
Palmer, Henry H. ....	Ellsberry. ....	Missouri
Partney, Ernest Augustus. ....	St. Louis. ....	Missouri
Pearce, Wesley P. ....	Charleston. ....	Missouri
Pierce, William Wayne. ....	Liberty. ....	Missouri
Pinkerton, Lowell C. ....	Louisiana. ....	Missouri

NAME.	POST-OFFICE.	STATE.
Pittman, Pennell Samuel.....	Monett. ....	Missouri
Planck, Howard Henry.....	Kansas City. ....	Missouri
Pollard, James Hybert.....	Deepwater. ....	Missouri
Price, William Hanker.....	Sturgeon. ....	Missouri
Rendlen, Raymond. ....	Hannibal. ....	Missouri
Rixey, Jesse Raymond.....	Platte City. ....	Missouri
Rose, Frank Herbert.....	Dearborn. ....	Missouri
Russell, Walter S.....	Bucyrus. ....	Kansas
Sanders, Roy Garland.....	Belton. ....	Missouri
Schaeffer, Gerald Ford.....	Liberty. ....	Missouri
Settle, Charles Woodford, Jr..	Centralia. ....	Missouri
Sewell, Minor F.....	Independence. ....	Missouri
Smelser, Newton Nathaniel....	Grandin. ....	Missouri
Smiley, Hubert Etzil.....	Wheeling. ....	Missouri
Standeford, William Francis..	Plattsburg. ....	Missouri
Starkey, Pius Ray.....	Kingman. ....	Kansas
Tatum, James Marshall.....	Anderson. ....	Missouri
Tatum, Victor Edwin.....	Anderson. ....	Missouri
Tatum, Walter David.....	Blue Springs. ....	Missouri
Tucker, Nova William.....	Liberty. ....	Missouri
Turner, Wayne Scott.....	Marionville. ....	Missouri
White, William Royall.....	Memphis. ....	Tennessee
Wilcox, David Bradford.....	Ashland. ....	Missouri
Wilkinson, Austin Tecumseh..	Liberty. ....	Missouri
Young, Alvin R.....	Salisbury. ....	Missouri

(100 Freshmen.)

## SUB-COLLEGIATE.

NAME.	POST-OFFICE.	STATE.
Alexander, Armistead Milton...	Independence. ....	Missouri
Alexander, David. ....	Bells Hill ....	Scotland
Allison, Walter H.....	High Gate. ....	Missouri
Arnold, Nathan. ....	Edna. ....	Kansas
Bagby, Marius C.....	Liberty. ....	Missouri
Ball, John William.....	McQuady. ....	Kentucky
Barnes, Ernest William.....	Liberty. ....	Missouri
Baxter, George Owens.....	Canaan. ....	Missouri
Beck, Johns H.....	Hale. ....	Missouri
Bell, James Ewart.....	Louisville. ....	Kentucky
Bell, Requa W.....	Kiowa. ....	Oklahoma
Benn, Emerson M.....	Savannah. ....	Missouri
Bentley, Robert Hickman.....	Salisbury. ....	Missouri

NAME.	POST-OFFICE.	STATE.
Berry, Henry Wallace.....	St. Joseph. ....	Missouri
Black, Edgar Clark.....	Liberty. ....	Missouri
Boerstler, Paul.....	Chanute. ....	Kansas
Bosley, Roy F.....	La Junta.....	Colorado
Bouey, George Andrew.....	Rector. ....	Missouri
Boult, Harry Ward.....	Durant. ....	Oklahoma
Bowles, Otto James.....	Centerville. ....	Missouri
Brammer, Thomas Coleman....	Liberty. ....	Missouri
Bray, Frederick Ernest.....	Liberty. ....	Missouri
Brenneman, Grover Cleveland..	Liberty. ....	Missouri
Briggs, William Henry.....	St. John. ....	Kansas
Brodrick, George DeWitt.....	Liberty. ....	Missouri
Brooks, Willies Floyd.....	Hornersville. ....	Missouri
Brown, James Orma.....	Bixby. ....	Oklahoma
Browning, Roy Robert.....	Appleton City. ....	Missouri
Bruner, Hedge Basil.....	Ekron. ....	Kentucky
Bruner, Walter Everett.....	Ekron. ....	Kentucky
Buchheit, Omar H.....	Fair Grove. ....	Missouri
Bullock, Robert Francis.....	Minneapolis. ....	Minnesota
Burch, Alva John.....	Clearmont. ....	Missouri
Burnett, Gene Augustus.....	Kearney. ....	Missouri
Bussell, Walter. ....	Mt. Moriah. ....	Missouri
Bybee, Napoleon Bonaparte....	Lisle. ....	Missouri
Caldwell, Herschel L.....	Green Ridge. ....	Missouri
Campbell, John Franklin.....	Red Fox.....	Missouri
Cantu, Baldomero. ....	Teran, N. L. ....	Mexico
Carlile, Arthur. ....	Sallisaw. ....	Oklahoma
Carrico, Lynwood. ....	Florissant. ....	Missouri
Carter, Claude Henry.....	New Castle. ....	Colorado
Cavin, Oscar Ernest.....	Springfield. ....	Missouri
Chamberlain, Ralph. ....	Drexel. ....	Missouri
Chamberlin, Charles Hall.....	Polk. ....	Missouri
Chambers, Arthur. ....	Mt. Moriah. ....	Missouri
Chapman, Adolphus. ....	Caruthersville. ....	Missouri
Chastain, Henry Hubert.....	Gentry. ....	Arkansas
Chastain, Thomas J.....	Gentry. ....	Arkansas
Chaudoin, John Arvin.....	Elizabethtown. ....	Kentucky
Clampitt, Orville I.....	Hamilton. ....	Missouri
Clardy, Kit Francis.....	Liberty. ....	Missouri
Clark, William Vernon.....	Walker. ....	Missouri
Cockrill, Lowell E.....	Edgerton. ....	Missouri
Coffman, Victor Hugo.....	Sturgis. ....	Kentucky
Combs, Benjamin Woodson....	Nevada. ....	Missouri
Combs, Edmund Childers.....	Hazard. ....	Kentucky
Conner, Lee Sumner.....	Newtown. ....	Missouri

NAME.	POST-OFFICE.	STATE.
Cook, Frank David.....	Smithton. . . . .	Missouri
Coots, John W.....	Weston. . . . .	Missouri
Cornelius, John Maxey.....	Olden. . . . .	Missouri
Corum, Glen Milton.....	Mt. Moriah. . . . .	Missouri
Cossairt, Earl Le Roy.....	Liberty. . . . .	Missouri
Craig, Ralph Adam.....	Trenton. . . . .	Missouri
Cravens, Lawrence Forest.....	St. Joseph. . . . .	Missouri
Crothers, Joseph Nelson.....	Excelsior Springs.....	Missouri
Cumpton, Burlie Ivan.....	Aaron. . . . .	Missouri
Dale, Dora B.....	Richmond. . . . .	Missouri
Danley, Earl Hezekiah.....	Humansville. . . . .	Missouri
Davidson, John Edward.....	Liberty. . . . .	Missouri
Davis, Albert Frederick. ....	Purdy. . . . .	Missouri
Davis, Benjamin. . . . .	Monteer. . . . .	Missouri
Davis, Gabriel Coleman. ....	Liberty. . . . .	Missouri
Davis, G. Laurel. . . . .	Monteer. . . . .	Missouri
Davis, Henry Franklin. ....	Temple. . . . .	Missouri
Davis, Reuben I. . . . .	Monteer. . . . .	Missouri
De Hart, James Leslie.....	McQuady. . . . .	Kentucky
Denham, Thomas S.....	Columbia. . . . .	Missouri
Derringer, Edward Lee.....	Springfield. . . . .	Kentucky
Derringer, William Louis.....	Springfield. . . . .	Kentucky
De Witt, Benjamin Hugh. ....	Trenton. . . . .	Missouri
De Young, Peter. . . . .	Grand Rapids. . . . .	Michigan
Dieterle, Frederick Josephus..	St. Louis. . . . .	Missouri
Dorris, Tony Herald.....	Sesser. . . . .	Illinois
Douglas, Robert Perry.....	Leeton. . . . .	Missouri
Drury, Fredrick. . . . .	Boisé. . . . .	Idaho
Easley, Walter Stephen.....	Lee's Summit. . . . .	Missouri
Elliott, John David. . . . .	Holliday. . . . .	Kansas
Engwall, Swan. . . . .	Vasteraas. . . . .	Sweden
Ewing, Raymond H.....	Molino. . . . .	Missouri
Faulkner, George Clyde.....	Urich. . . . .	Missouri
Ferril, Archibald. . . . .	Liberty. . . . .	Missouri
Field, Joseph Walter.....	Denver. . . . .	Colorado
Files, John Ray.....	Helena. . . . .	Missouri
Filler, Charles Edgar.....	Odessa. . . . .	Missouri
Fleet, Lewis Burwell.....	Higginsville. . . . .	Missouri
Ford, James Noah.....	Louisville. . . . .	Kentucky
Fox, Walter Scott.....	Minneola. . . . .	Missouri
Foy, Byron Cecil.....	Dallas. . . . .	Texas
Graham, Frederick E.....	Liberty. . . . .	Missouri
Grammer, Alva Winfred.....	Berry. . . . .	Illinois
Gray, Benjamin. . . . .	Doyle. . . . .	Oklahoma

NAME.	POST-OFFICE.	STATE.
Griffith, Jesse Clarence. ....	Belle. ....	Missouri
Griffith, Lawrence Edwin. ....	Belle. ....	Missouri
Griffith, Silas Child. ....	Belle. ....	Missouri
Griffiths, David Thomas. ....	Liberty. ....	Missouri
Grigg, Walter Franklin. ....	Carthage. ....	Missouri
Hammans, William Howard. ....	Lorimor. ....	Iowa
Haney, Royal Emmet. ....	Ludlow. ....	Missouri
Hanson, Thomas C. ....	Waupaca. ....	Wisconsin
Hanson, Walter Clarence. ....	Chicago. ....	Illinois
Hardin, Clarence Nathan. ....	Hallsville. ....	Missouri
Harper, J. R. ....	Bethany. ....	Missouri
Harper, Lenna H. ....	Cainesville. ....	Missouri
Haynie, William Booth. ....	Memphis. ....	Tennessee
Hazlett, Ralph Lester. ....	Sterling. ....	Colorado
Head, Hal Coleman. ....	Irvington. ....	Kentucky
Hendrix, Allen Luther. ....	Gaddestown. ....	Georgia
Henshaw, Thomas Wesley. ....	Bristow. ....	Oklahoma
Hicks, Arthur Oliver. ....	Schell City. ....	Missouri
Higgins, Oscar. ....	Monett. ....	Missouri
Hines, Leland Stanford. ....	Sallisaw. ....	Oklahoma
Hinesly, Monroe. ....	Liberty. ....	Missouri
Hinton, Wilford Edward. ....	Nelson. ....	Missouri
Hites, Laird Thomas. ....	St. Louis. ....	Missouri
Hodges, John R. ....	Jonesburg. ....	Missouri
Holmes, Walter Baird. ....	Parkville. ....	Missouri
Holt, Jay H. ....	Rea. ....	Missouri
Hood, Albert Anderson. ....	Smithton. ....	Missouri
Hood, Emmett Alexander. ....	Smithton. ....	Missouri
Houser, William Lafayette. ....	Eldon. ....	Missouri
Howard, George Thomas. ....	Sentinel. ....	Missouri
Hoyt, Edwin Palmer. ....	Manhattan. ....	Montana
Hufford, Harold Calvin. ....	Smithville. ....	Missouri
Hughes, Ethan Ethelbert. ....	Amsterdam. ....	Missouri
Hughes, John Howard. ....	Liberty. ....	Missouri
Hunter, Ernest B. ....	Russellville. ....	Missouri
Hutchins, Charles Perry. ....	S. Greenfield. ....	Missouri
James, Idris. ....	Bevier. ....	Missouri
James, J. Jay. ....	Dawn. ....	Missouri
Jeantet, José Francisco. ....	Ortez. ....	Colorado
Jennings, Andrew. ....	Weber's Falls. ....	Oklahoma
John, John Baddo. ....	Nara, ....	Kurdistan, Turkey
Kelmel, Logan Taylor. ....	Polo. ....	Missouri
Kenney, Leslie Rowen. ....	Liberty. ....	Missouri
Kent, Ira Arthur. ....	Liberty. ....	Missouri

NAME.	POST-OFFICE.	STATE.
Kern, John Daniel.....	Palmyra. . . . .	Missouri
Kesterson, Thomas Stanton....	Odessa. . . . .	Missouri
Kiersted, Wyncoop, Jr. ....	Liberty. . . . .	Missouri
Kirby, Robert Preston.....	Linneus. . . . .	Missouri
Kite, Lawson. ....	Odessa. . . . .	Missouri
Kresse, Walter E. ....	Concordia. . . . .	Missouri
Lamb, Lee Roy.....	Fayetteville. . . . .	Missouri
Lamkin, Melvin Wilbur.....	Brandenburg. . . . .	Kentucky
Lands, Edward Mitchell.....	Liberty. . . . .	Missouri
Lantz, Andrew L. ....	LaJunta. . . . .	Colorado
LaPrelle, James Lawson.....	Dallas. . . . .	Texas
Lathim, Roy E. ....	Duenweg. . . . .	Missouri
Lawler, Evan Pinkney.....	Roseland. . . . .	Missouri
Lentz, Frederick Atlee.....	Independence. . . . .	Missouri
Leonard, Benjamin Thomas....	Maysville. . . . .	Missouri
Lewis, Richard E. ....	Moberly. . . . .	Missouri
Logan, Roy A. ....	Leeton. . . . .	Missouri
Lyttle, James Franklin.....	Goodson. . . . .	Missouri
Mabray, Clarence N. ....	Odessa. . . . .	Missouri
Magill, Chester T.....	Stafford. . . . .	Kansas
Mantey, Julius Robert.....	Bellevue. . . . .	Idaho
Manwarring, Edward Henry....	Valles Mines. . . . .	Missouri
Martin, Thomas Frederick.....	Eldon. . . . .	Missouri
Marvin, Lewis Edward.....	Liberty. . . . .	Missouri
Maxwell, John. ....	Novinger. . . . .	Missouri
Millam, William R. ....	Gore. . . . .	Missouri
Minnick, James Preston.....	Lock Springs. . . . .	Missouri
Mitchell, Gay. ....	Fountain Grove. . . . .	Missouri
Mitchell, Harry Curtis. ....	Kansas City. . . . .	Missouri
Mitchell, Roger Q. ....	Drexel. . . . .	Missouri
Moore, Rial. ....	Liberty. . . . .	Missouri
Moul, John W. H.....	Jericho Springs. . . . .	Missouri
McArthur, John H. ....	Harbor Beach. . . . .	Michigan
McConnaha, Earl Foster.....	New Bloomfield. . . . .	Missouri
McCoy, Lawrence. ....	Nevada. . . . .	Missouri
McCulley, Claude. ....	Aldrich. . . . .	Missouri
McCune, Jacob Lee.....	West Point. . . . .	Illinois
McGee, John Williams.....	Sylvania. . . . .	Georgia
McGraw, William Beverly....	Leeton. . . . .	Missouri
McWilliams, William Thomas..	Blue Springs. . . . .	Missouri
Neidert, Otto Walter.....	High Gate. . . . .	Missouri
Nelson, Ernest F. ....	Buford. . . . .	Arkansas
Nelson, Lawrence Emerson....	Muskogee. . . . .	Oklahoma
Newkirk, George Luther.....	Doniphan. . . . .	Missouri

NAME.	POST-OFFICE.	STATE.
Newport, Virgil. ....	Granby. . . . .	Missouri
Nieman, Allen Ross. ....	Moberly. . . . .	Missouri
Norton, Charles Wilson. ....	Bozeman. . . . .	Montana
Overeem, Carl Cassius. ....	Liberty. . . . .	Missouri
Pace, George. ....	Fairfax. . . . .	Missouri
Parker, Alonzo Jefferson. ....	Birch Tree. . . . .	Missouri
Parker, Roy H. ....	Hickory. . . . .	Missouri
Parks, Hugh Augustus. ....	Mexico. . . . .	Missouri
Patterson, Charles. ....	Kansas City. . . . .	Missouri
Payne, Andrew Joseph. ....	Polk. . . . .	Missouri
Payne, Jesse Russell. ....	Polk. . . . .	Missouri
Payne, John Houstin. ....	Polk. . . . .	Missouri
Peets, Earl E. ....	Bozeman. . . . .	Montana
Pepper, John Lawrence. ....	St. Joseph. . . . .	Missouri
Perry, Oliver Cromwell. ....	Dawn. . . . .	Missouri
Petty, Eugene. ....	Liberty. . . . .	Missouri
Phillips, Russell Jones. ....	Philadelphia. . . . .	Missouri
Porter, Albert D. ....	Tindall. . . . .	Missouri
Potter, Allen Brewer. ....	Liberty. . . . .	Missouri
Potter, Roy Lee. ....	Clifton City. . . . .	Missouri
Powell, Ernest Scott. ....	Odessa. . . . .	Missouri
Pringle, William Perry. ....	Everton. . . . .	Missouri
Ray, Curt Joseph. ....	Hornersville. . . . .	Missouri
Reed, Novus Homo E. ....	Hope. . . . .	New Mexico
Regan, Milton Robert. ....	Eureka Springs. ....	Arkansas
Reynolds, Melvin Wallis. ....	Ivanhoe. . . . .	Oklahoma
Rhoades, Estil L. ....	Harris. . . . .	Missouri
Rhoades, John Milton. ....	Liberty. . . . .	Missouri
Riche, George. ....	Kansas City. . . . .	Missouri
Roberson, Oliver Robert. ....	Foss. . . . .	Oklahoma
Roberts, Windsor Hall. ....	Huntsville. . . . .	Missouri
Robertson, Linnie E. ....	Allendale. . . . .	Missouri
Robinson, Arthur B. ....	Denver. . . . .	Colorado
Robinson, James Luther. ....	Independence. . . . .	Missouri
Rogers, Erwin. ....	Iliff. . . . .	Colorado
Roop, Shelton John. ....	Leeton. . . . .	Missouri
Rowland, John Edward. ....	Hannibal. . . . .	Missouri
Russell, Earl Renfro. ....	Garden City. . . . .	Missouri
Russell, Frank Gibbons. ....	Garden City. . . . .	Missouri
Saylors, Carrel. ....	Ravannah. . . . .	Missouri
Saylors, Oscar. ....	Ravannah. . . . .	Missouri
Scarborough, Charles Riley. ....	Watson. . . . .	Missouri
Scott, Sewell Edwin. ....	Liberty. . . . .	Missouri
Searcy, William Ralph. ....	Ash Grove. . . . .	Missouri

NAME.	POST-OFFICE.	STATE.
Seekins, Carlton Harry.....	Gresser Junction. ....	Wisconsin
Settle, Ray Winnie.....	Harrisonville. ....	Missouri
Shacklette, James Weaver.....	Ekron. ....	Kentucky
Sharrah, Chester E. ....	Jamesport. ....	Missouri
Sherwood, John Marvin.....	Plattsburg. ....	Missouri
Shively, Murat. ....	Elkhorn. ....	Kentucky
Sims, Virgil Jones. ....	Arnett. ....	Oklahoma
Sloan, William A. ....	Louisville. ....	Kentucky
Slusher, Beauregard Lee.....	Bates City. ....	Missouri
Slusher, Elijah Lewis.....	Bates City. ....	Missouri
Smith, Frederick Given. ....	Conrad. ....	Montana
Smith, George Nathan. ....	Burlington. ....	Kentucky
Smith, James Bert. ....	Exeter. ....	Missouri
Smith, William Madison.....	Burlington. ....	Kentucky
Sparks, Walter Endfield.....	New Castle. ....	Colorado
Stanbrough, Orva Webster....	Liberty. ....	Missouri
Stonebraker, Ralph R. ....	Wellston. ....	Oklahoma
Stout, Clifton Orval.....	Brashear. ....	Missouri
Takahashi, Heitoro. ....	Osaka. ....	Japan
Talbot, William E. ....	Omaha. ....	Nebraska
Termin, Dune.....	Ash Grove. ....	Missouri
Timberman, De Wilton.....	St. Louis. ....	Missouri
Trout, David. ....	Elmira. ....	Missouri
Tucker, John Arthur.....	Liberty. ....	Missouri
Turner, Joseph Perkins.....	Carrollton. ....	Missouri
Upchurch, Clellis Jones.....	Scopus. ....	Missouri
VanHook, Herman B. ....	Cassville. ....	Missouri
Verts, Lewis W.....	Boonville. ....	Missouri
Wade, John E. ....	Kearney. ....	Missouri
Walker, Lewis G. ....	Liberty. ....	Missouri
Walkup, George Andrew.....	Wheeling. ....	Missouri
Wallace, Lowell Taylor.....	St. Louis. ....	Missouri
Warmick, Winfred Lindell....	Dawn. ....	Missouri
Warren, Claude W. ....	Elgin. ....	Illinois
Watkins, Hugh Emerson.....	Liberty. ....	Missouri
Watson, Roy Everett.....	Fordland. ....	Missouri
Welden, Walter Ifland.....	Bellevue. ....	Idaho
Whipple, George G. ....	Waterloo. ....	New York
Wieland, John. ....	Grand Rapids. ....	Michigan
Wiese, Christopher Ludwig....	Liberty. ....	Missouri
Wiese, Peter Christopher.....	Liberty. ....	Missouri
Wilcoxon, James Mortimer....	Holt's Summit. ....	Missouri
Williams, John Albert.....	Leeton. ....	Missouri
Wimmer, Guy Halbert. ....	Stoneham. ....	Colorado



NAME.	POST-OFFICE.	STATE.
Wingard, Harold Rudolph.....	Martin City. ....	Missouri
Wingo, William. ....	Polk. ....	Missouri
Winner, Charles.....	De Bruce. ....	New York
Wolff, Earl B.....	Lone Pine. ....	Louisiana
Woolf, Earl George.....	La Junta. ....	Colorado
Woods, Howard O. ....	Chilhowee. ....	Missouri
Wornall, Richard Bristoe.....	Liberty. ....	Missouri
Wright, Roy Bartlett. ....	St. Joseph. ....	Missouri
Wyre, Clovis D. ....	Warrensburg. ....	Missouri

(287 Sub-Collegiate.)

### SUMMARY.

Graduate Students. ....	19
Seniors. ....	44
Juniors. ....	34
Sophomores. ....	48
Freshmen. ....	100
Sub-Collegiates. ....	287
Theological Students, not otherwise classified.....	9
Total enrollment.....	541

### RESIDENCES.

Arkansas. ....	7	Minnesota. ....	1
California. ....	3	Missouri. ....	385
China. ....	2	Montana. ....	5
Colorado. ....	15	Nebraska. ....	4
England. ....	1	New Mexico. ....	5
Georgia. ....	2	New York. ....	3
Idaho. ....	3	Ohio. ....	1
Illinois. ....	10	Oklahoma. ....	17
Iowa. ....	2	Oregon. ....	3
Japan. ....	2	Philippine Islands. ....	3
Kansas. ....	11	Scotland. ....	1
Kentucky. ....	28	South Carolina. ....	1
Kurdistan. ....	1	Sweden. ....	1
Louisiana. ....	2	Tennessee. ....	8
Massachusetts. ....	1	Texas. ....	4
Mexico. ....	2	Washington. ....	1
Michigan. ....	4	Wisconsin. ....	2

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