

Series 3

June, 1905

No. 1

Entered July 16, 1903, at Liberty, Missouri, as second class matter, under Act of  
Congress of July 16, 1894

**Bulletin of**

**William Jewell College**

**Founded 1849**

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**Catalogue for the year 1904-1905 and**  
**Announcements for the year**  
**1905-1906**

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**Liberty, Missouri**  
**Published by the College**

1905

# BULLETIN

OF  
WILLIAM JEWELL COLLEGE

FOUNDED 1849  
(CATALOGUE EDITION)

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Series 3

LIBERTY, MO., JUNE, 1905

No. 1

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Announcements of the Collegiate  
Department

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Announcements of the Academic  
Department

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Full Information Concerning  
Expenses

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Catalogue of Professors and  
Students

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Fall Semester begins Thursday,  
September 7, 1905

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Spring Semester begins Thursday,  
January 18, 1906

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PUBLISHED QUARTERLY BY  
WILLIAM JEWELL COLLEGE  
LIBERTY, MISSOURI  
(A suburb of Kansas City)

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Entered July 16, 1903, at Liberty, Mo., as second-class matter, under Act of  
Congress of July 16, 1894

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Arranged, except the President, in the order of appointment.

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Professor of Mathematics.

RICHARD P. RIDER, A.M.,  
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Professor of English Language and Literature.

T. P. STAFFORD, A.M., TH.D.,  
Professor of Philosophy and Theology.

JAMES W. KYLE, A.M.,  
Professor of Greek Language and Literature.

A. VINCENT DYE, PH.D.,  
Professor of Modern Languages.

J. E. COOK, D.D.,  
Lecturer on Pastoral Duties.

ROBERT R. FLEET, PH.D.,  
Professor of Mathematics.

WARD H. EDWARDS, A.B.,  
Associate in English.

V. G. GARNETT, A.B.,  
Assistant in Academic Department.

G. W. DUNCAN,  
Instructor in History.

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\*Resigned.

A. R. ASH,  
 J. E. McATEE,  
 L. A. WATKINS,  
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 A. WARREN PRINCE, A.M.,  
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 Instructor in Spelling.  
 FRED VOLLMER,  
 VACTOR G. GARNETT, A.B.,  
 G. F. BARTON,  
 Instructors in Business Branches.  
 J. O. HARRIS,  
 Leader of College Band.  
 L. D. SANDS,  
 Leader of College Orchestra.  
 J. H. PENIX,  
 Director of the Gymnasium.

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## Administrative Officers

JOHN P. GREENE.....President of the College.  
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 JAMES G. CLARK.....Chairman of the Faculty.  
 CHARLES LEE SMITH..... { Secretary of the Faculty and  
    { Curator of the Library.  
 MISS NANNIE WIKOFF.....College Librarian.

# Degrees Conferred

Commencement of 1903-1904, June 8, 1904.

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## Doctor of Laws (*Honorary*)

J. H. Duncan, M. D.....St. Louis, Mo.

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## Doctor of Divinity (*Honorary*)

Rev. F. W. Eberhardt.....Liberty, Mo.

Rev. H. E. Truex.....Mexico, Mo.

Rev. W. J. Williamson.....St. Louis, Mo.

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## Master of Arts

### Subjects of Theses

Boyer, D. M.....Edgerton, Mo.

George Eliot's Philosophy.

Motley, J. M.....Bowling Green, Mo.

The Apprentice in the Building Trades.

Nichols, R. F.....Ashland, Mo.

Kant as a Reconciler.

Senter, G. P.....Liberty, Mo.

The Rise and Development of Chemical Theories.

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## Bachelor of Arts

### Subjects of Orations

Beswick, G. W.....Liberty, Mo.

The Hero of the Netherlands.

Bretz, H.\*.....Kansas City, Mo.

The Last Days of Joan of Arc.

Cannon, C. A.....Elsberry, Mo.

The Salt of the Earth.

Dew, H. C.....Latta, S. C.

Is Chivalry Dead?

Garnett, H. G.....La Belle, Mo.

Guiseppe Garibaldi.

Gould, J. O.*	St. Joseph, Mo.
The Blending of Puritan and Cavalier.	
Julian, E. A.	Licking, Mo.
The Fall of the Federalists.	
Kirkland, E. E.*	Crawford, Mo.
Our Unknown Heroes.	
Mackey, R. H.*	Liberty, Mo.
A Race of Kings.	
McKinley, R. Z.	Liberty, Mo.
Political Integrity.	
Marshall, H.	Avalon, Mo.
Character.	
Martin, C. F.*	Greenwood, Mo.
The Fanaticism of Noble Minds.	
Martin, H.	Liberty, Mo.
A Romance in American History.	
Mitchell, R. R.	Kansas City, Mo.
Cardinal Woolsey.	
Muir, T. M.	Kansas City, Mo.
The Struggle for Missouri.	
Prince, A. W.	Ironton, Mo.
The Rise of Russia.	
Stephenson, S. S.	Dunlap, Mo.
A Theory of Falstaff.	
Tinder, D. M.	St. Louis, Mo.
Imogen—The Heroine.	
Vineyard, B.	Jackson, Mo.
A Turning Point in American History.	
Winebrenner, O. E.	Clarksburg, Mo.
Andrew Jackson and His Policy.	
Wingblade, A. J.	Topeka, Kas.
The Era of Good Feeling.	
Zee, J. C.*	Shanghai, China.
The Benefits of Education.	

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\*Commencement speaker.

## General Information

### The College

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**.

### William Jewell, M. D.

Dr. Jewell was born in Loudon 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 cheer-

ful 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.)

## The Semi-Centennial

The example of Dr. Jewell stirred to emulation a host of men and women and turned their hearts to **William Jewell College**, so that on the occasion of the semi-centennial in 1900, not one lone building, but ten, crowned the College Hill. These buildings—some of them named in honor of the more conspicuous among this company of friends—are: **Jewell Hall; Ely Hall; Wornall Hall; Brown Hall—Gymnasium; Vardeman Dining Hall; East Cottage; Middle Cottage; West Cottage; Water Tower; Heating Plant.**

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## Location

The town of Liberty, 14 miles from Kansas City, and thus suburban to that great railroad center, furnishes the finest location for a college, geographically considered, in the Mississippi Valley.

Liberty is reached by several trains a day over the Kansas City divisions of the Burlington, and of the Chicago, Milwaukee & St. Paul.

## Laboratories

**Chemical.** The chemical laboratories are located in Wornall Hall and consist of a laboratory for general chemistry, one for analytical chemistry, one occupied by the professor in charge, and another devoted to special analytical work. There is provided also a store-room containing about five hundred square feet of shelving for the accommodation of the stock of chemicals and apparatus. There is also a balance room, provided with the usual analytical balances for exact quantitative work. Two dark rooms, supplied with various conveniences for photographic purposes, are located on this floor. The laboratories are equipped with gas, running water, draught hoods, furnaces of several kinds, a glass-blower's table and the various appliances necessary for work in chemistry. The department owns and operates its own gas plant and receives water from the college water-works.

The lecture-room on the first floor, which is shared by the classes in physics, 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. An electric switch-board, provided with Weston instruments, is conveniently located to the lecturer. 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.

**Physical.** 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. In the basement is a laboratory for advanced work, the floor being of granitoid, laid on a ledge of solid rock and disconnected from the walls of the buildings, thus securing the much-desired steady support for delicate instruments. The basement also contains a work shop, 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.** 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 twenty-five students. The laboratory is supplied with water from the water-tower, 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, and a dark room for photographic work.

**Bacteriological.** This is situated in the basement of Wornall Hall and has a cement floor, upon which the sterilizers and incubators are worked. The laboratory is so arranged that several departments of work may be conducted simultaneously. Material for study is furnished from the hospitals in Kansas City, and cultures of the ordinary pathogenic germs are constantly kept in the laboratory. Water analysis is a special feature of the work, and the student is made familiar with all methods of bacteriological study.

**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.

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## Library

The College Library contains 10,000 volumes, classified and catalogued. The departments well represented are: **History, Biography, Travel, Literature, Political Science, Astronomy, Biology, Philosophy, Theology, Fiction.**

In the **Reading Room**, which is commodious and comfortable, are to be found encyclopaedias, and other books of reference; the leading daily papers of the West; a large number of religious papers; the most prominent literary magazines and scientific periodicals of the United States; some of the English magazines and reviews.

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## Physical Training

This department is provided for by the handsome gift of Mr. A. D. Brown, of St. Louis; a large brick gymnasium with basement for baths and lockers, a main hall (100 feet by 40 feet) for exercising, and a running gallery of twenty-one laps to the mile. It is lighted with electricity, ventilated by 140 windows, and heated by steam.

In addition to the gymnasium there is an **Athletic Field** of 30 acres for recreative exercises; a fine athletic track two-fifths of a mile long, with excellent grounds for **Baseball, Football and Tennis.**

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## Dormitories

**Ely Hall.** In order to afford students of limited means suitable facilities for boarding themselves at reduced rates, the large brick building known as **Ely Hall** was erected in 1881. This building accommodates about fifty students.

**The Cottages.** During the summer of 1890, to enable the Board of Trustees to extend the same facilities for living at moderate expense to a larger number of students than could be accommodated in **Ely Hall**, three

handsome cottages were erected, affording lodgings for about forty students.

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## Dining Hall

Young men occupying rooms in **Ely Hall** and in the **Cottages** have the privilege of taking their meals with the "William Jewell Boarding Club," which provides table board at actual cost.

For the use of this Club the Board of Ministerial Education erected the spacious and comfortable building known as the **Vardeman Dining Hall**.

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## Religious Influence

The daily Chapel services, the daily morning prayer-meeting conducted by the students, are very effective means in checking the tendency of the literary worker to lose spirituality. The spirit of religious **home work** among the students is strong and wholesome, and many, as a consequence, are converted during their College career. The crown and glory of the denominational College, and of **William Jewell** in particular, is to purify the heart and save the soul, while it enlightens the mind.

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## Jeremiah Vardeman School of Theology

From the beginning of William Jewell College its projectors had in view not only the founding of a permanent college, the peer of the best colleges of our country, but also to make special provision for Ministerial Education. In 1858 was originated the Board of Ministerial Education, to co-operate with the Board of Trustees in making such provision more effective. In 1868 eight brethren contributed \$5,000 each toward the endowment of a School of Theology in the College. These brethren and their successors constitute the Board of Visitors. The honor of leadership in the former movement is due to Rev. W. M. Bell, and in the latter to Thos. Rambaut, D.D., LL.D., the President of the Board of Ministerial Education and of the College. The Board of Trustees received this endowment of \$40,000, with the solemn agreement to preserve it intact and to devote its annual

earnings to the support of a School of Theology in the College, in which the doctrine of divine grace as exhibited in the Philadelphia Baptist Confession of Faith should be forever taught.

The School of Theology, then, is one of the permanent departments of the College. It forms no part of the course of study for the college degrees, but some of its subjects, because of their adaptation to the development of mental power, are made **elective** in examination for degrees as exhibited in the scheme of studies.

The School of Theology is so connected with the other departments of the College that careful instruction and training in the elements of theological study can be imparted to the student for the Gospel Ministry while he is accomplishing his academic and collegiate courses.

This arrangement keeps the student's mind and heart engaged more or less in his life-work and promotes growth in grace and in the knowledge of the Lord Jesus Christ, while he is prosecuting his literary training.

Strenuous effort is made to retain each ministerial student in the College until he obtains its graduating honors, and completes the outline of ministerial preparation prescribed by this department. If, however, a student can continue only two or three years in the College, as sometimes his necessities limit him, he receives that much of ministerial training and equipment, learns to use books, and gets started in such studies as he can afterward continue to any extent that his Christly manhood may suggest and his opportunities may permit. Already about six hundred young ministers have availed themselves of these facilities, most of whom are doing good work in the churches and mission fields.

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## Societies

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

The two Senior societies, as well as the two Junior, have inter-society contests in **Oratory, Debate, Essay, Reading, and Declamation**, 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.** 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 three local Associations in the State, one in Kansas City, one in St. Louis, and one in Liberty.

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.

**Missionary.** Aside from Mission Sunday-School work, the **Student Volunteer Band** and **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.

**Philharmonic.** This is a voluntary organization whose aim is to give its members a knowledge of the higher principles of music and skill in singing productions of the best class. This society is a constitutional, self-controlling body, and is destined to accomplish much in the way of cultivating a taste for genuine music in the College.

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## Scholarships

### Scholarships

Thirty-four scholarships, for tuition, governed by donors (for sons or grandsons) or by churches.

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

**Students 1902-1903** scholarship, 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.

**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 is founded by Mr. E. S. Marston, son of Rev. S. W. Marston, D.D., 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.

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## 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 and finest tact, so that a place on the staff is esteemed an honor.

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## Degrees

The College confers in course only one degree, the historic **Bachelor of Arts**.

The **Master of Arts** is obtained by post-graduate study.

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## Medals

**The Clark Medal**—Professor James G. Clark offers a gold medal for the best prose article contributed to **The Student** during the session.

**The Rider Medal**—Professor R. P. Rider offers a gold medal for the best poem contributed to **The Student** during the session.

**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**.

**Ely Spelling Medal**—Given by the heirs of L. B. Ely, to the best speller in the Academic Department.

## Bequests

It is encouraging to know that many of our thoughtful and pious brethren and sisters are making liberal provisions in their wills for the endowment of the College.

Every dollar of its endowment fund is securely invested; the interest or earnings only can be used for current expenses.

Every bequest is entered separately on the College ledger, and will stand perpetually in the name and to the memory of the testator.

Bequests should be made "To the Trustees of William Jewell College, Liberty, Mo."

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## Memorial Endowment

We have confidence in the growing popularity and final success of the Memorial Endowment scheme suggested by the late Hon. L. B. Ely. This is certainly a beautiful blending of a happy thought with a worthy deed, which we hope many of the friends of the College will enjoy. Let your dead work for God here while they live with Him "over there." If we could see the importance of the work as doubtless they see it, we should all want a part in it. We trust this year may be one of large growth in this interesting department of College Endowment.

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## Treasurer of the College

In building up a college and providing for its future growth and usefulness, no part of its management deserves more wise and careful supervision than its finances. For twenty years this great interest of the College received the continuous attention of its Financial Agent, Hon. L. B. Ely, of Carrollton. During that time he succeeded in adding, by contributions from the Baptists of Missouri and other sources, more than \$140,000 to its endowment.

At the time of his death (1897) he was planning for larger things for the College. In 1898, J. L. Applegate, Esq., an honored Baptist layman of St. Louis, was elected Treasurer and Financial Agent. He moved to

Liberty and devoted all his time to the financial matters of the College. September 1, 1902, Mr. Applegate resigned, leaving the finances in fine condition. June, 1900, President J. P. Greene was authorized and instructed by the Trustees to raise \$200,000 additional endowment. During that year several thousand dollars were raised. In 1901 the sum of \$75,000 was added to the endowment. From January 1, 1902, to February 15, 1903, \$100,000 more were added, making the endowment at this time (June, 1905) over \$400,000. President Greene acted as Treasurer of the College from September 1, 1902, after Mr. Appelgate's resignation. At the June meeting of the Trustees, 1903, **Rev. John Ernest Cook, D.D.**, pastor of the First Baptist church, St. Joseph, Mo., was elected **Treasurer.**

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## Entrance

The College is neither a reform school nor a prison, but an institution of Christian learning, and the opportunities it offers for a sound Christian education at moderate cost are to be looked upon as high privileges, in return for which those who attend upon its instruction are under a positive obligation to make the most of the advantages placed at their disposal by the munificence of its founders and benefactors. Every student, therefore, who is accepted for matriculation is required to sign a pledge to obey all the rules and regulations of the College.

# Administration

## Collegiate Year

The session begins on Thursday, September 7, 1905, and closes on Wednesday, June 6, 1906. It is divided into two semesters—the second semester beginning Thursday, January 18, 1906.

Thanksgiving Day, the Christmas recess, extending from the evening of December 22 to the morning of January 2, and Washington's Birthday are the only regular interruptions of work during the entire session, and except at those times no student is allowed to be absent without special leave.

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### Fees

Tuition, per semester, payable in advance.....	\$20 00
Entrance fee, per semester, payable in advance.....	5 00
Laboratory fee in Chemistry, per semester, payable in advance.....	5 00
Laboratory fee in Physics, per semester, payable in advance...	2 50
Laboratory fee in Biology, per semester, payable in advance...	2 50
Laboratory fee in Bacteriology, per semester, payable in advance	5 00
Laboratory fee in Mineralogy, per semester, payable in advance	2 50
Athletic Association fee, per year, payable in advance.....	2 00
Graduation fee, payable before graduation.....	5 00
Use of Typewriter, per semester.....	5 00
Room rent in Ely Hall or the Cottages, per semester, in advance	6 00
Board in Vardeman Hall, per month, at cost, in advance.	
Steam heat in Ely Hall is \$6.00 for the year and payable November 1.	

Students occupying rooms in Ely Hall or the Cottages pay actual cost for heat and lights. The rooms are furnished with stoves (in Cottages), tables, chairs, bedstead and springs (but not mattresses), washstand. Everything else must be furnished by the occupants.

Students occupying rooms in either Ely Hall or the Cottages can retain the same for the ensuing session by making application previous to May 15. At the time of making application a deposit of one dollar must be made and the remainder of the room rent must be paid not later than the opening day of the next session. Rooms not thus paid for will not be held, should there be other applicants for them. No applications for rooms already occupied will be received prior to May 15, except from



present occupants, but on and after that date all rooms and places not previously engaged will be open to new applicants, upon the above mentioned terms as to payment of rent.

Students occupying Ely Hall and the Cottages will be required to deposit \$2 each as a guarantee fund against damages, to be refunded in whole or part at the close of the session.

Room rent will be charged in every case from the beginning of occupancy to the close of the semester, and a student withdrawing from his room before the end of a semester will forfeit the rent for the unexpired portion of the time, except as hereinafter provided.

No student will be permitted to attend more than one recitation with any professor until he has paid his bills and entered his name upon the books of the professor from the treasurer's receipt.

Ministerial students and sons of Baptist ministers receive tuition free.

Tuition fees and room rent will in no case be refunded by the treasurer except for protracted sickness, certified to by 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 incidental fee returned.

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## Discipline

The President has an office in Wornall Hall to which the students have access at stated times. He is glad to render them any assistance that is in his power as their friend and brother.

Whenever the Faculty learn that a student is not improving his time, or is living disorderly, they refer his case to the President, and he first advises and admonishes the young man before any penalty is imposed, except in very grave offenses. It is neither the desire nor the purpose of the Faculty to disgrace any student; but everyone must live a pure, orderly and busy life or withdraw from the College. Idling, card playing, dancing and all other forms of dissipation are strongly condemned by the Faculty, and students that persist in these things will be disciplined and may be expelled.

The students are not allowed to leave town during

the session without the consent of the President. Going to Kansas City without permission is especially forbidden, and may be considered a sufficient ground for expulsion.

No student is allowed to withdraw from the College without the consent of the Faculty. If the student is under age the Faculty require a written statement from the parent or guardian requesting permission for him to withdraw. Withdrawal without the consent of the Faculty is considered a dishonorable dismissal.

No student is expected to be absent from any College exercise except when it is unavoidable. However, that necessary absences may be provided for, the following regulations have been made:

1. Any student who finds it necessary to be absent from any exercise, may, upon excuse previously obtained from the professor in charge of such exercise, thus absent himself to the extent of one-tenth of the whole number of exercises in that course for the semester.

2. No absence in excess of the allowed number will be excused for any cause whatever, except that of illness.

3. Absence in excess of the allowed number will come under the investigation of the Faculty and may become a subject for discipline.

4. As regards attendance upon chapel exercises, the same proportion of absences, subject to the same restrictions as in the case of those pertaining to the class-room, will be allowed.

Students who reside with their parents will be excused from general College exercises on presentation of written excuses from their parents, but for absences from classes they must render satisfactory excuses to their professors.

To make the above regulations thoroughly effective, the President has decided to issue permits of absence from town, only on presentation of certificate of excuse signed by the Secretary of the Faculty for excuse from Chapel, and by each professor to whom the student would recite during the time for which absence is granted. The blank certificates will be furnished by the Secretary upon application, and must be returned to him when fully signed.

Students are not permitted to give entertainments during the College session, other than entertainments of

purely literary character, without the consent of the President, or, in his absence, of the Faculty.

No student who is not a member of the collegiate department is permitted to join a secret fraternity.

Demerit marks are imposed for unexcused absence from recitations; and for any infraction of those rules of order and of gentlemanly propriety which every young man who is old enough to be sent from home is expected to know. A single instance of intoxication, gross immorality, persistent neglect of duty, or any other indication that the student is "doing no good," will sever his connection with the institution.

Any student of the Academic Department who withdraws from the school before the work of the Spring Term is completed will suffer the loss of not less than **ten per cent** of the grade made during that term on each study.

There is an Athletic Association in the College, composed of professors and students, which has charge and control of all football, baseball and other games. No student under age is permitted to connect himself with a football team or engage in the game without the written permission of his parent or guardian previously presented to the President of the College.

**Dormitories**—The discipline of all these buildings is entrusted largely to the occupants, who, in club meeting, adopt their own rules (subject to the approval of the Faculty) and appoint officers whose duty it is to enforce them. It is to be understood that the privileges of these buildings are intended only for worthy young men of limited means, and for those who cannot afford to squander either time, money or opportunities; and students occupying rooms will forfeit them for continued disorder, negligence, idleness or any gross misconduct.

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## The Library

*Charles Lee Smith, Curator*  
*Miss Nannie Wikoff, Librarian*

The Reading Room and the Library are kept open from 8:30 a. m. to 4:30 p. m., daily except Saturday and Sunday; on Saturday from 8:30 a. m. to 12:30 p. m.

## Requirements for Graduation

The College provides four distinct and parallel groups of study leading to the degree of Bachelor of Arts, and every candidate for that degree is required to select one of these groups.

In each group there are, in addition to the required studies, a number of electives, from which the student is required to select each year a sufficient number to bring his work up to a total of sixty-four recitations for the entire period of four years. A student that attains an average grade of 75 per cent in all the studies of any year, and does not fall below 60 per cent in any study, is promoted to the next higher class, and one that has thus passed through the four classes, and has complied with other regulations of the College, is graduated with the degree of Bachelor of Arts.

In determining the standing of a candidate for this degree, equal weight is given to his recitation grades and his examination marks for each semester.

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### Master of Arts

To obtain this degree, the student must first pass through one of the four groups of study for the Bachelor's degree, with a minimum grade of 75 on each examination. He must then take, with the same conditions as to examination grades, an additional year of advanced work, to be previously approved by the Faculty. Lastly, he must prepare and submit to the Faculty a satisfactory thesis upon some one of the subjects of his course. The fee for this course is \$15, payable one-half in advance. An additional charge is made for courses requiring work in the laboratories.

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### Orations and Essays

Every candidate for a degree is required to prepare and submit to the Faculty an oration for delivery at the public exercises on the closing day of the session.

Each member of the Junior class is required to present to the Faculty one essay of not less than 2,000 words. This essay will be due April 1.

Each member of the Senior class will present an essay of not less than 2,000 words on April 1, and his graduating oration at least two weeks before Commencement Day.

These essays and orations are to be considered the property of the College.

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## Examination and Reports

Each instructor examines his class orally at each recitation or lecture, and keeps a record book, the marks in which are determined not only by the verbal accuracy of the answers, but also by the clearness of the understanding shown.

Every absence from class is marked zero, and to each unexcused absence a penalty of three demerits is affixed. Recitations lost through absence for which an excuse satisfactory to the instructor is tendered may be made up, and the zero grade removed.

Reports are mailed to parents and guardians at the end of each semester. Special reports will be sent during the semester, if deemed advisable.

Two stated written examinations of each class are held during the year—the first, or intermediate examination, taking place about the middle of the session, and the second, or final examination, taking place in the closing weeks—each embracing the subjects discussed during the semester immediately preceding. The questions propounded have numerical values attached, and if the values of the answers given amount to three-fourths of the aggregate valuation, the student is ranked in the “first division” of the class known as “Proficients.” If at the examination of any class the answers of a student fall below fifty per cent of the aggregate valuation, he is “conditioned” and required to attend the recitations of that class another year. If his answers fall below seventy-five per cent, but not below fifty per cent, he may be allowed the privilege of raising his grade at the next corresponding examination without further attendance upon the exercises of the class.

At the exercises of Commencement Day, those students that have attained a grade of 95 or more at their examinations will be announced as “Honor Men.”

In the Academic Department any student making an average class record of 90 per cent for the semester, and having no demerits against him during the period under consideration, will be passed on his class standing alone. If his grade for the semester fall below this per cent or he be subject to demerit for any cause whatever, he will be required to stand examination on the same condition as above, with this modification, that in determining his standing as a scholar, his daily record shall be combined with his examination grade in the proportion of 2 to 1.

Further in this department, a student having made 90 per cent in daily recitations will also be ranked among the "Proficients," and one having made 95 per cent, among the "Honor Men," without reference to examination.

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## Certificates

After final examination in any department, a student may, on application to the professor in charge, receive a certificate of his attainments in that school, signed by the professor and the secretary of the Faculty.

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## Aid to Ministerial Students

With large means at its disposal, the Board would be enabled to render assistance to many young men in our churches who feel themselves called to the work of preaching the Gospel, but who, for want of money, are compelled to forego the opportunities of education offered in William Jewell College. The President of the College is also the President of the Board of Ministerial Education, and his efforts are, while raising funds for general use in the College work, to enlarge the fund from which worthy students, both literary and theological, may receive the aid so much needed.

The Ministerial Education Society has decided that its policy for the future with regard to students requiring aid from the Society shall be that they be expected to perform some simple duties in connection with the College in return for the benefits given.

## Collegiate Department

There are four distinct courses or groups of study, each leading to the degree of Bachelor of Arts, and every candidate for this degree is expected to confine himself to one of these groups. In each group certain studies, amounting to about three-fourths of the whole, are absolutely prescribed, while the remaining studies are elective.

Students who are not candidates for degrees may select their studies from such classes as their degree of preparation may justify, provided the selections involve fifteen hours of recitation each week, and be made from classes whose hours do not conflict. No student will be admitted to membership in any class for which he is not, in the judgment of the instructor, qualified.

Every student, unless he bring a certificate of proficiency from an accredited school, shall, before entering any class in the Collegiate Department, be examined upon English Grammar, Composition and Spelling, Geography, United States History and Arithmetic. If found deficient in any of these branches he will be required to pursue them in the Academic Department until the deficiency is removed.

Applicants for admission to the Freshman class will be examined upon all of those subjects given under the heading, "Preliminary Requirements." A student whose preliminary examination is not satisfactory may be allowed to enter a class conditionally, the deficiency to be made good by a subsequent examination.

Candidates for advanced standing in any of the courses for the degree will be examined upon all previous studies of the classes they wish to enter.

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## Preliminary Requirements

**English:** including Reading, Spelling, Grammar, Rhetoric, Composition, Introduction to English and American Literature.

**Latin:** including the subjects taught under this head in the Academic Department.

**Mathematics:** including Arithmetic, Algebra, Plane and Solid Geometry and Elements of Plane Trigonometry as taught in the Academic Department.

**Natural Science:** including Physics, Physical and Descriptive Geography and Elementary Physiology.

**History:** including United States History and General History.

Students will be received into the College classes only on certificates of proficiency in the above requirements, given by the Principal of the Academic Department, or as Conditioned Students, in which case the deficiency must be made up during the current year.

No conditioned student will be considered as a candidate for a degree in the College classes, until the existing deficiency is made up.

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### Collegiate Groups

In the following groups the unenclosed figures indicate the courses required in the various schools. The figures enclosed in parenthesis indicate the number of hours per week spent in recitation.



	A	B	C	D
<b>Freshman</b>	Latin, 1, 2, 3, (3) Greek, 1, 2, (5) English, 1, 2, (3) History, 1, 2, (2) Mathematics, 1, 2, (5) Ethics ( $\frac{1}{2}$ year), 1, (1)	French, 7, 8, (3) English, 1, 2, (3) German, 1, 2, (3) Latin, 1, 2, 3, (3); 4 (3) Mathematics, 1, 2, (5) Physics, 1, 2, (3) Ethics ( $\frac{1}{2}$ year), 1, (1)	Mathematics, 1, 2, (5) English, 1, 2, (3) Latin, 1, 2, 3, (3) Biology, 1, 4, (3) Physics, 1, 2, (3) Ethics ( $\frac{1}{2}$ year), 1, (1)	Biology, 1, 4, (3) Mathematics, 1, 2, (5) English, 1, 2, (3) Latin, 1, 2, 3, (3) Physics, 1, 2, (3) Ethics ( $\frac{1}{2}$ year), 1, (1)
<b>Sophomore</b>	Latin, 4, 5, (3) Greek, 3, 4, (3) English, 3, 4, (3) Mathematics, 3, 4, (3) or Chemistry, 1, 2, (3) Physics, 1, 2, (3)	English, 3, 4, (3) German, 3, 4, (3) Latin, 4, 5, (3) Mathematics, 3, 4, (3) or Chemistry, 1, 2, (3) History, 3, 4, (3)	Mathematics, 3, 4, (3) English, 3, 4, (3) Latin, 4, 5, (3) History, 3, 4, (3) Chemistry, 1, 2, (3)	Physics, 3, 4, (3) Chemistry, 1, 2, (3) English, 3, 4, (3) Latin, 4, 5, (3) History, 3, 4, (3)
<b>Junior</b>	Latin, 6, 7, (3) Greek, 5-6, (3) English, 5, (3) Philosophy, 3, 4, (2) Political Economy, 9, 10, (2)	English, 5, (3) Philosophy, 3, 4, (2) Political Economy, 9, 10, (2) German, 5, 6, (3)	Mathematics, 5, 6, (3) English, 5, (3) Philosophy, 3, 4, (2) Political Economy, 9, 10, (2)	Chemistry, 3, 4, (3) English, 5, (3) Philosophy, 3, 4, (2) Political Economy, 9, 10, (2)
<b>Senior</b>	History, 7, 8, (3) Philosophy, 5, 6, (2) Greek, 7-8, (3) Geology, 5, 6, (3)	Philosophy, 5, 6, (2) History, 7, 8, (3) Geology, 5, 6, (3)	Mathematics, 7, 8, (3) History, 7, 8, (3) Philosophy, 5, 6, (2) Geology, 5, 6, (3)	Geology, 5, 6, (3) History, 7, 8, (3) Philosophy, 5, 6, (2) Chemistry, 5, 6, (3)
<b>Elective Courses</b>	French, 7-10 (6) German, 1-6 (9) English, 6, 7, (3); 8, 9, (3) Mathematics, 5, 6, (3); 7, 8, (3) Physics, 3, 4, (3) Chemistry, 1, 2, (3); 3, 4, (3); 5, 6, (3 to 6); 7, 8, (3) History, 3, 4, (3); 5, 6, (2) Political Science, 11, 12, (1); 13, 14, (2); 15, (2) Theology, 1, 2, (3); 3, 4, (2); 5, 6, (2); 7, 8, (2); 13, 14, (2); 15, 16, (3) Biology, 1, 2, (3); 3, 4, (3) Mineralogy, 9, 10, (3); 11, 12, (2) Bacteriology, 13, 14, (2) Spanish, 11-12, (3) Music, 3, (2); 4, (2) Greek, 9, 10, (3); 11-14, (2) Agriculture, 15, 16 Geology, 7, 8, (2) Elective Philosophy, 7, 8, (2)	Latin, 6, (3) Greek, 1-10, (3); 11-14, (2) English, 6, 7, (3); 8, 9, (3) History, 1, 2, (2); 5, 6, (2) Political Science, 11, 12, (1); 13, 14, (2); 15, (2) Physics, 3, 4, (3) Chemistry, 1, 2, (3); 3, 4, (3); 5, 6, (3 to 6); 7, 8, (3) Biology, 1, 2, (3); 3, 4, (3) Mathematics, 5, 6, (3); 7, 8, (3) Theology, 1, 2, (3); 3, 4, (2); 5, 6, (2); 7, 8, (2); 13, 14, (2); 15, 16, (3) Mineralogy, 9, 10, (3); 11, 12, (2) Bacteriology, 13, 14, (2) Spanish, 11-12, (3) Music, 3, (2); 4, (2) Agriculture, 15, 16 Geology, 7, 8, (2) Elective Philosophy, 7, 8, (2)	German, 1, 2, (3); 3, 4, (3); 5, 6, (3) French, 7-10, (6) Greek, 1-10, (3); 11-14, (2) Latin, 6, (3) English, 6, 7, (3); 8, 9, (3) Chemistry, 3, 4, (3); 5, 6, (3 to 6); 7, 8, (3) Physics, 3, 4, (3) History, 1, 2, (2) Political Science, 11, 12, (1); 13, 14, (2); 15, (2) Theology, 1, 2, (3); 3, 4, (2); 5, 6, (2); 7, 8, (2); 13, 14, (2); 15, 16, (3) Mineralogy, 9, 10, (3); 11, 12, (2) Bacteriology, 13, 14, (2) Spanish, 11, 12, (3) Music, 3, (2); 4, (2) Biology, 1, 2, (3); 3, 4, (3) Agriculture, 15, 16 Geology, 7, 8, (2) Elective Philosophy, 7, 8, (2)	French, 7-10 (6) German, 1, 2, (3); 3, 4, (3); 5, 6, (3) Greek, 1-10, (3); 11-14, (2) Biology, 2, 3, (3) Latin, 6, (3) English, 6, 7, (3); 8, 9, (3) History, 1, 2, (2); 5, 6, (2) Political Science, 11, 12, (1); 13, 14, (2); 15, (2) Mathematics, 3, 4, (3); 5, 6, (3); 7, 8, (3) Chemistry, 7, 8, (3) Theology, 1, 2, (3); 3, 4, (2); 5, 6, (2); 7, 8, (2); 13, 14, (2); 15, 16, (3) Mineralogy, 9, 10, (3); 11, 12, (2) Bacteriology, 13, 14, (2) Spanish, 11, 12, (3) Music, 3, (2); 4, (2) Agriculture, 15, 16 Geology, 7, 8, (2) Elective Philosophy, 7, 8, (2)

The following statements, prepared by the instructors, show the scope and extent of the instruction given, and to some extent the methods pursued in the several schools embraced in the Collegiate Department:

## Latin Language and Literature

### *Professor Semple*

1. **Cicero:** Orations for Milo and the poet Archias; Prose Composition; the more difficult questions of Latin Syntax discussed and illustrated.

Three hours per week during thirteen weeks of the First Semester.

Monday, Wednesday and Friday, 9:15 a. m.

2. **Cicero:** De Senectute; De Amicitia; Prose Composition; Systematic study of Syntax continued.

Three hours per week during First and Second Semesters.

Monday, Wednesday and Friday, 9:15 a. m.

3. **Livy:** Early Roman History; Original Exercises.

Three hours per week. First Semester.

Monday, Wednesday and Friday, 10:05 a. m.

4. **Horace:** Odes, Satires, Ars Poetica; Prose Composition; Literature of the Augustan Period.

Monday, Wednesday and Friday, 10:05 a. m.

5. **Juvenal.** Satires. De Natura Deorum. Latin Comedy—Terence, Plautus.

6. **Tacitus:** Annals; Discussion of the Literature of the Post-Augustan Period and the Syntactical changes in Post-Classical Latin; Original Exercises.

Three hours per week.

Monday, Wednesday and Friday, 2:35 p. m.

Courses 1 and 2 are required of all candidates for the Degree of Bachelor of Arts.

Courses 3, 4, 5 and 6 are required of students who are candidates for the Bachelor's Degree in the Classical Group A. Elective for all others having completed courses 1 and 2.

## Greek Language and Literature

*Professor Kyle*

1 and 2. **Elementary Greek:** White's First Greek Book. Both Semesters.

Five hours per week, 10:55 a. m.

3 and 4. **Xenophon:** Anabasis, Books I-IV. Thorough review of grammatical forms and syntax of the text with Goodwin's Greek Grammar. Spieker's Greek Prose Composition begun.

Both Semesters: Monday, 11:45 a. m.; Tuesday and Thursday, 9:15 a. m.

5. **Homer:** Odyssey, Books IX-XII. Study of the Homeric dialect from the text and Seymour's Introduction. Rhythmical reading of the Greek. Lectures on the Homeric Poems as literature.

First Semester. Tuesday and Thursday, 2:35 p. m. Friday, 10:05 a. m.

6. **Demosthenes:** First Philippic. An intensive study of this oration as to syntax, style and thought. Parts of the oration will be memorized.

One hour per week.

Spieker's Greek Prose Composition. Two hours per week.

Second Semester. Tuesday and Thursday, 2:35 p. m.; Friday, 10:05 a. m.

7a. **Greek Historians:** Herodotus and Thucydides. Discussion of the Age of Pericles, its great men and their achievements in literature, art and politics.

First Semester. Monday, Wednesday and Friday, 1:45 p. m.

7b. **Plato:** Apology, Crito and part of the Phaedo. Discussion of the life and teachings of Socrates. Assigned reading and reviews of Plato's Protagoras, Gorgias and Symposium (Jowett's translation). Given as an alternate to Course 7a.

First Semester. Monday, Wednesday and Friday, 1:45 p. m.

8. **Attic Drama:** Two plays, *Iphigeneia in Tauris* of Euripides, *Frogs* of Aristophanes. Discussion of plots and characters. Lectures on the Greek Theatre. Study of the various chorus meters and exercises in metrical reading.

Second Semester, Monday, Wednesday and Friday,  
1:45 p. m.

The above courses are required in Group A; elective in the other groups.

In addition are offered also the following electives, for which the student in any course will receive credit toward graduation according to the number of hours stated:

11 and 12. **Greek New Testament:** The four Gospels, the Epistle of James, the First Epistle to the Corinthians, and the Epistle to the Hebrews. Systematic study and classification of the idioms of the New Testament and its divergences from classical usage. Robertson's Syllabus will be used.

Three hours per week throughout year. Hour for meeting arranged with the class.

13 and 14. **Greek Literature in English:** Lectures on the history of Greek literature. Required reading of ten Greek authors in the best translations, with a critical review of each as read. The power to criticise independently and appreciate reasonably a work of literary art is sought in this course, as well as some direct and personal acquaintance with the literature of Greece.

Two hours per week throughout the year. Hour for meeting arranged with the class.

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## Modern Languages

*Professor Dye*

In this school courses are offered in German, French and Spanish. In each language the grammatical forms and syntactical relations are thoroughly studied by means of text-books and original exercises. Practice in translation from English into the respective languages is given throughout each course. In the higher classes practice in sight-reading is given, and an introduction to the literature of each country.

### German

1. Thomas's Grammar, Part I.

First Semester. Monday, Wednesday and Friday,  
2:35 p. m.

2. Bernhardt's German Composition, Glueck Auf, or reading of a similar grade. Exercise and conversational work.

Second Semester. Monday, Wednesday and Friday, 2:35 p. m.

3. Selected Maerchen, German Grammar. Composition and conversation.

First Semester. Monday, Wednesday and Friday, 1:45 p. m.

4. Selected Short Poems, Stories and Comedies. Grammar, conversation and composition continued.

Second Semester. Monday, Wednesday and Friday, 1:45 p. m.

5. Schiller's Historical Dramas, Wilhelm Tell, Maria Stuart, Die Jungfrau von Orleans.

First Semester. Tuesday, Wednesday and Thursday, 10:05 a. m.

6. Faust, Part I, and the Faust literature. Rapid reading in modern literature.

Second Semester. Tuesday, Wednesday and Thursday, 10:05 a. m.

## French

7. Fraser and Squair's Grammar. Selected readings and exercises.

First Semester. Monday, Wednesday and Friday 10:55 a. m.

8. Fraser and Squair's Grammar. Reading of prose and poetry selected from standard authors. Composition and conversation.

Second Semester. Monday, Wednesday and Friday, 10:55 a. m.

9. Super's Readings from French History or reading of a similar grade. Free reproduction of assigned passages. Composition work.

First Semester. Tuesday, Thursday and Friday, 11:45 a. m.

10. Racine and Moliere. History of French Literature.

Second Semester. Tuesday, Thursday and Friday, 11:45 a. m.

## Spanish

11. De Tornos's Combined Spanish Method. Drill in grammatical forms and pronunciation.

First Semester. Monday, Wednesday and Friday, 10:05 a. m.

12. Worman's Readers. Conversation and exercise work; short stories.

Second Semester. Monday, Wednesday and Friday, 10:05 a. m.

The object of Courses 11 and 12 is to give the student a practical working knowledge of the Spanish language, sufficient to serve as an introduction to its use in the commercial world, or as a preparation for the study of Spanish literature.

Courses 1 to 10 inclusive are required of candidates for the Bachelor's Degree in Group B; elective in all other groups. Courses 11 and 12 are elective, but are strongly recommended to all students taking the modern languages.

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## English Language and Literature

*Professor Fruit*

### Admission

The candidate for admission to the Freshman studies in English must present evidence of a general knowledge of the subject-matter of the books assigned, and be able to answer simple questions on the lives of the authors. A part of the examination will be the writing of a paragraph or two on several topics as a test of the candidate's power of clear and accurate expression. No candidate will be accepted whose work is notably deficient in spelling, punctuation, idiom, or division into paragraphs.

The books assigned for this examination are:

"The Merchant of Venice" and "Julius Caesar;"  
"The de Coverly Papers;" "The Vicar of Wakefield;"  
"The Ancient Mariner;" "Ivanhoe;" "The Vision of Sir Launfal;" "Silas Marner."

In lieu of the above test the candidate may present exercise books containing compositions or other written

work, properly certified by his instructor, done in connection with the reading of these books.

1. **Rhetoric:** This contemplates the study and practice of the principles of a good prose style.

The text will be Wendell's "English Composition."

First Semester. Monday, Wednesday and Friday, 1:45 p. m.

2. **English Prose Forms:** Exposition, Argument, Criticism, Narrative, and Description are the topics indicating the scope of this course. Much written work in way of exemplification of principles is required.

Gardiner's "Forms of Prose Literature" and Bliss Perry's "A Study of Prose Fiction" are the texts.

Second Semester. Monday, Wednesday and Friday, 1:45 p. m.

3. **Anglo-Saxon:** This course is intended to acquaint the student with the essentials of Anglo-Saxon Grammar, that he may read with comparative ease Anglo-Saxon prose and poetry.

Lounsbury's "History of the English Language" is also required.

First Semester. Tuesday, Thursday and Friday, 2:35 p. m.

4. **Chaucer and Spenser:** Chaucer's place in the history of the English language calls for special attention; the emphasis, however, is laid upon his place and significance in English literature. One-half of the Semester is given to "The Faerie Queene."

Second Semester. Tuesday, Thursday and Friday, 2:35 p. m.

5. **Shakespeare:** This course is devoted to Shakespeare as a dramatic artist.

Moulton's "Shakespeare as a Dramatic Artist" is taken as a guide in the search for the principles of dramatic criticism. Woodbridge's "The Drama, Its Law and Its Technique" is required.

First Semester. Monday, Wednesday and Friday, 9:15 a. m.

6. **From Spenser to Shelley:** Selections from the representative poets from Spenser to Shelley are studied critically.

Vols. II, III, IV, of Ward's "English Poets."

Second Semester. Monday, Wednesday and Friday, 9:15 a. m.

7. **Victorian Poetry:** The chief poets, as Landor, the Brownings, Tennyson, Hood, Procter, Matthew Arnold, D. G. Rossetti, William Morris, Swinburne, claim the attention of the student in this course.

Stedman's "Victorian Poets" is used as a text. Stedman's "Nature and Elements of Poetry" is required.

First Semester. Tuesday, Wednesday and Thursday, 10:05 a. m.

8. **English Prose Style:** The critical introductions in Craik's "English Prose" in five volumes, are taken for a guide to this study. The student gets here a view of the development of English prose.

Second Semester. Tuesday, Wednesday and Thursday, 10:05 a. m.

9 and 10. **Aesthetics:** The Nature, the Materials, the Form, the Expression of the Beautiful. Open to advanced students.

Thursdays, 3:30 p. m.

11 and 12. **Public Speaking:** It is of prime importance that young men know, not merely in theory, but from some experience, how to prepare and deliver addresses before the public. The instruction in this course will be given to the individual student in connection with the actual preparation and delivery of not less than a half dozen orations during the school year. The work is elective, counts for one hour, and is open to Juniors and Seniors.

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## History and Political Science

*Professor Smith*

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, the ministry or other professions directly concerned with human relations.

### History

1. **Ancient History—The Eastern Nations and Greece:** The dawn of history and the early migrations and settlements of the races of mankind are discussed. Special attention is given the origin and development of



the social, political, commercial and religious life of the Egyptians, Babylonians, Assyrians, Phoenicians, Lydians, Jews, Persians and Greeks. Recitations, library references and lectures.

First Semester. Wednesday and Friday, 11:45 a. m.

2. **Ancient History—Rome.** Roman political and military institutions are explained. Rome's influence as a lawgiver is emphasized and Roman survivals are noted. The causes of decadence are pointed out. Recitations, assigned readings and lectures.

Second Semester. Wednesday and Friday, 11:45 a. m.

3. **Mediaeval History—Europe:** 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 Renaissance.

First Semester. Monday, Wednesday and Friday, 9:15 a. m.

4. **Modern History—Europe:** Among the subjects discussed in lectures are the Reformation, the Thirty Years' War, the French Revolution, Prussia and the German Empire, and the unification of Italy. Recitations and collateral reading.

Second Semester. Monday, Wednesday and Friday, 9:15 a. m.

5. **Church History—Ancient and Mediaeval Eras:** Among the subjects especially emphasized are the early Church, the New Testament canon, the union of Church and State, the rise, growth and decline of the Papacy, the conversion of the Germanic nations, Scholasticism and Humanism. Recitations and lectures.

First Semester. Tuesday and Thursday.

6. **Church History—Modern Era:** The Protestant Reformation and the counter Roman Catholic Reformation, the struggles for religious liberty, missionary efforts, and the influence of science, philosophy and culture on religious creeds are the principal subjects discussed. Recitations and lectures.

Second Semester. Tuesday and Thursday.

7. **Political and Constitutional History of England:** Among the topics emphasized are the Crown, the Parlia-

ment, the Courts, the Church, the Land and the People. Lectures, recitations and supplementary readings.

First Semester. Monday, Wednesday and Friday, 10:55 a. m.

**8. Constitutional and Political History of the United States.** Special attention is given the following subjects: The origin and character of the Constitution; the causes of sectional divergence, the War between the States, and the Reconstruction period. The origin and principles of the political parties are explained. Lectures, recitations and supplementary readings.

Second Semester. Monday, Wednesday and Friday, 10:55 a. m.

### Political Science

**9. Political Economy:** General study of the subject, using text-books. Lectures on some specific applications of its principles to practical affairs.

First Semester. Tuesday and Thursday, 9:15 a. m.

**10. Political Economy:** This is a continuation of Course 9. During the last ten weeks, modern social theories will be explained and criticised.

Second Semester. Tuesday and Thursday, 9:15 a. m.

**11. Institutional History and Administration:** 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.

First Semester. Monday, 10:05 a. m.

**12. Institutional History and Administration:** Course 11 continued.

Second Semester. Monday, 10:05 a. m.

**13. Economic Problems:** (Open only to those who have completed Courses 9 and 10.) The subjects discussed are Taxation and Public Finance, Money and Banking, and Natural Monopolies. Lectures and assigned readings.

First Semester. Tuesday and Thursday, 10:55 a. m.

**14. International Law:** In connection with this subject, the external relations of the United States receive special attention. Recitations and reports on assigned topics.

Second Semester. Tuesday and Thursday, 10:55 a. m.

15 and 16. **Sociology:** Recitations and lectures. **Pauperism and Charities.** The causes of poverty and the principles and methods of poor relief are explained. Lectures and assigned readings.

First and Second Semesters. Tuesday and Thursday, 11:45 a. m.

Courses 1, 2, 7, 8, 9 and 10 are required in Group A; Courses 3, 4, 7, 8, 9 and 10 in Group B; Courses 3, 4, 7, 8, 9 and 10 in Group C; Courses 3, 4, 7, 8, 9 and 10 in Group D. Courses not required in a group are elective in that group.

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## Mathematics

*Professors Clark and Fleet*

**Preliminary Requirements:** Arithmetic, Algebra, Plane and Solid Geometry as taught in the Academic Department.

**Freshman Class:** Courses 1 and 2. **Plane Trigonometry** with applications; **College Algebra**, including Progressions, Logarithms, Binomial, Exponential, Logarithmic and other series; Theory and Solution of Numerical Equations, etc. Courses 1 and 2 are required of all candidates for the degree of Bachelor of Arts.

Daily recitations, 10:05 a. m. Professors Clark and Fleet.

Course 2e. **Geometrical Conics and Curve Tracing.** Elective. Two recitations per week.

Second Semester. Professor Fleet.

**Sophomore Class:** Courses 3 and 4. **Analytic Geometry**, including the Method of Co-ordinates, the Straight Line, Circle, Ellipse, Parabola and Hyperbola; Discussion of the General Equations of the Second Degree; some of the more familiar Transcendental Curves; Quadric Surfaces, etc. Certain topics of **Algebra** additional to those discussed in the Freshman year.

Courses 3 and 4 are required of all students working in Group C, but are elective in other groups. Monday, Tuesday, Thursday, 10:55 a. m. Professor Clark.

Courses 3e and 4e. **Theory of Equations:** Elective. Two recitations per week throughout the year. Professor Fleet.

**Junior Class:** Courses 5 and 6. **Differential Calculus, Integral Calculus**, with the usual applications to Series, Maxima and Minima, Rectification of Curves, Quadrature of Plane Areas, Areas of Curved Surfaces, Cubature of Volumes, etc.

Courses 5 and 6 are required of all students working in Group C, but are elective in other courses. Three recitations per week throughout the year. Professor Clark.

Courses 5e and 6e. **Modern Geometry:** Elective. Two recitations per week throughout the year. Professor Fleet.

**Senior Class:** Course 7. **Theoretical Mechanics**, embracing the doctrines of Force and Motion, with application to the solution of various Statical and Dynamical Problems. Required in Group C. Elective in other groups. Three recitations per week. First Semester. Professor Clark.

Course 8. **Spherical Trigonometry and Astronomy:** Required in Group C. Elective in other groups. Three recitations per week. Second Semester. Professor Clark.

Course 7e. **Differential Equations:** Elective in all groups, and may be substituted for Course 7 in Group C. Three recitations per week. First Semester. Professor Fleet.

Course 8e. **History of Mathematics:** Elective in all groups, and may be substituted for Course 8 in Group C. Three recitations per week. Second Semester. Professor Fleet.

**Surveying:** During the second semester a short course of Surveying—about twenty lessons—will be given, should there be at least three students desiring it. A knowledge of Elementary Algebra, Plane Geometry and Plane Trigonometry is essential to admission to this class, which, however, does **not** form a part of any course for a degree. Professor Clark.

**Master of Arts:** Candidates who wish to take courses in Mathematics leading to this degree must have completed courses 1 to 8, inclusive, before taking up the advanced work. This work, which will be chiefly under the direction of Professor Fleet, will consist of selections from the following subjects:

Advanced Algebra, Analytic Geometry, Differential Calculus, Integral Calculus, Differential Equations, Cal-

culus of Variations, Number Theory, Projective Geometry, Analytic Mechanics, Theory of Curves and Surfaces, Theory of Functions of a Complex Variable.

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## Physics

*Professor Parker, Mr. Prince and Assistants*

1. **Mechanics:** Recitations, experimental lectures and laboratory work.

First Semester. Monday, Tuesday and Thursday, 11:45 a. m. Class will be divided into two laboratory sections. Section 1 will work in laboratory Tuesday afternoons, from 2:35 to 4:15; section 2 on Wednesday afternoons, from 2:35 to 4:15. Students may join either section.

2. **Sound, Heat and Light:** Recitations, experimental lectures and laboratory work. Second Semester. Recitation and laboratory hours same as Physics 1.

1 and 2 are required of all students for graduation. These two courses should be taken in the Freshman or Sophomore year, in order to prepare for further work in the department of physics and chemistry. A knowledge of algebra, plane geometry, plane trigonometry and one year's work in elementary physics, as required by entrance conditions, are prerequisites; however, students entering the class in plane trigonometry at the same time may become members of this course, if they have had the required work in elementary physics.

3. **Electricity and Magnetism—Advanced Course:** First Semester. Tuesday and Thursday at 9:15 a. m. Laboratory periods on Tuesdays and Thursdays at 10:15 a. m. This course counts as three recitations for graduation. Instruction will be by recitation, lectures and reference reading. Laboratory work will consist of numerous exercises in the various forms of electrical measurement.

4. **Dynamo Electric Machinery.** Second Semester. A continuation of above at same hours. Laboratory work will consist of exhaustive tests of various dynamos and motors, arc and incandescent lamps, batteries and the various appliances employed in this class of work.

Courses 3 and 4 are designed to lay a broad foundation in the elements of electrical engineering and are re-

quired for graduation in Course D. Elective in other courses.

Physics 5 and 6. **Physical Measurements:** Both Semesters. Two hours in recitation and conference and two laboratory sessions per week; to count as three recitations for graduation. Open to students who have taken Physics 1, 2, 3 and 4, or those who, in the opinion of the instructor, may be otherwise qualified to do the work. The work will consist of the exact measurement of various physical quantities connected with mechanics, heat, light, sound, magnetism and electricity and will be designed to fit the student for original research and to qualify him to take charge of a physical laboratory. The experiments will be comparatively few and the apparatus the best the laboratory affords. Elective in all the courses.

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## Chemistry

*Professor Parker, Mr. Winebrenner and Assistants*

1. **Elements of Chemistry:** The non-metallic elements.

First Semester. Monday, 2:35 p. m.; Wednesday and Friday, 11:45 a. m. Laboratory period, Monday afternoon beginning 3:25 p. m.

This course will consist of experimental lectures, recitations and laboratory work.

2. **Elements of Chemistry:** The metallic elements. Second Semester. Hours as in Chemistry 1.

In Courses 1 and 2, all of the more frequently occurring elements are treated and their relations discussed. Especial attention is given to the theory underlying the great body of facts of this science. The lectures are copiously illustrated with experiments and lecture-table demonstrations. 1 and 2 together form a complete year's work in descriptive chemistry, and should be taken during the Freshman or Sophomore year. These courses are necessary as an introduction to the further study of chemistry and are desirable also for those students who do not expect to make this branch a specialty, but wish to obtain a general knowledge of chemistry as part of a liberal education.

Chemistry 1 and 2 may be substituted for Mathematics 5 and 6 in Courses A and B.

**3. Qualitative Analysis:** First Semester. Monday, Wednesday and Friday, 10:05 a. m. Laboratory periods Monday, Wednesday and Friday afternoons beginning at 1:45. Counts for graduation as five recitations. This course consists chiefly of laboratory work, interspersed with lectures, and requires Courses 1 and 2 to be taken previously. The work is of a broader character than its name would indicate, being in essence a closer study of the basic elements, more especially the methods of separation of one from another, and has long been recognized as the best means of increasing a student's practical acquaintance with the facts of chemistry.

**4. Organic Chemistry:** Second Semester, at same time as in Chemistry 3. This course counts as five hours for graduation and forms with Chemistry 3 a complete year's work. The course consists of lectures and laboratory work and is designed to cover in a general way the chemistry of the carbon compounds. The laboratory work consists of the synthesis and characteristic reactions of the typical members of this division of chemistry.

Courses 1, 2, 3 and 4 should be taken by all students intending to enter the medical profession, also by those intending to teach chemistry. A knowledge of these courses will be the minimum requirement for a recommendation as a teacher by the department. Those who intend to specialize in chemistry should take Chemistry 3 and 4 not later than their Junior year.

**5. Quantitative Analysis.** First Semester. Monday and Wednesday, 9:15 a. m. Laboratory periods Monday and Wednesday afternoons. This course is somewhat technical in its character and is designed for students specializing in science. For those who desire to make chemistry their specialty, quantitative analysis is absolutely indispensable, being the key to all further progress. A knowledge of the exact methods of quantitative analysis is also desirable to prospective students of medicine, as well as teachers of chemistry. Required in Course D.

**6. Quantitative Analysis:** Second Semester. Monday and Wednesday, 9:15 a. m. This course is a continuation of Chemistry 5, and will consist mainly of assay-

ing, volumetric, and gas analysis. Required in Course D.

To do justice to a course in quantitative analysis requires aptitude, patience and time. By special arrangement, therefore, Courses 5 and 6 may be made to count for more than three hours per week, as may be desirable.

The successful prosecution of advanced work in both physics and chemistry requires both care and patience, and students taking this work should not overload their courses of study. Hasty, slipshod work is of very little value to the student and cannot be countenanced by the department.

Special graduate courses, leading to the degree of A.M., in advanced chemistry and physics may be arranged by agreement between the student and the professor.

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## Geology and Biology

*Professor Richmond*

This department is designed to give instruction in the facts and laws of natural history. The work will be made as practical as possible by means of laboratory and field work, in which original investigation will be encouraged. Lectures in the several subjects will treat such phases of each as may not be sufficiently emphasized in the class-room work, and will give suitable discussion to the questions which subjects in natural history raise at the present time.

### Biology

This course embraces the study of the simple laws of life, and the life relations of plants and animals. It comprises a full year's work in Zoology and also in Botany, special attention being given to methods of comparative study. The order of treatment is as follows:

1. **Invertebrate Zoology:** Comparative study is made of the various types of invertebrate life, their structure, development, relations, and geographical distribution. Representatives of each grand division of invertebrate life will be used in the laboratory work, which includes dissection, microscopical examination, and drawing of specimens studied.



First Semester, three hours. Tuesday and Thursday, 9:15 a. m., Wednesday 10:55 a. m.

2. **Vertebrate Zoology:** This course is designed to complete the work of Course 7, giving a comprehensive view of the entire animal kingdom. It comprises comparative study of the fish, frog, reptile, bird and mammal.

Second Semester. Tuesday, Wednesday and Thursday, 10:05 a. m.

### Botany

3. **Plant Relations:** This course begins with the relations which plants sustain to light, soil, moisture, and living organisms, considering the various organs and functions of the plant with reference to them. It also includes the relations sustained by individual plants, and their association in societies.

First Semester. Monday, Wednesday and Friday, 10:05 a. m.

4. **Plant Structures:** This course embraces the study of the great plant groups, beginning with the simplest and proceeding in order to the highest. It treats of the 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.

Second Semester. Tuesday and Thursday, 9:15 a. m.; Wednesday, 10:55 a. m.

Courses 1 and 4 constitute the required work in Biology.

### Geology

5. **Lithological, Dynamic and Structural Geology:** This course embraces the consideration of forces now at work and their efforts in shaping the earth, as furnishing a key for the reading of its past history. The field work will consist of a careful study of geological formations in this locality. Students will be required to illustrate the formations studied by drawing maps. Such study will also be made of the common minerals as will enable the student to readily identify them. Classification will be required throughout the course.

First Semester. Tuesday, Thursday and Friday, 2:35 p. m.

**6. Historical Geology:** A study is made of the succession of events in geological time as revealed by the rocks. Fossil organisms are especially considered, their manner of preservation, their value as a geological record, their succession in time, and their relations in the development of life. The history and present state of opinion, and the factors of evolution are fully treated in the lectures of this course. Excursions will be made for study of the fossils of this and neighboring localities, and classification of the same will be required.

Second Semester. Tuesday, Thursday and Friday, 2:35 p. m.

Courses 5 and 6 are required of all candidates for degree.

7 and 8. A course in Economic Geology is offered to students having completed Courses 4 and 5.

Two hours. Monday and Wednesday.

### Mineralogy

This course is intended to be preparatory for the work in Geology, and also for entrance upon practical work in Mineralogy. It will be made as thorough and as practical as possible and will include the common laws of crystallography, the modes of occurrence of common minerals, and the ordinary tests for their determination. Lectures will accompany the entire course and laboratory work will be required with special reference to classifying all common minerals.

**9. Descriptive Mineralogy:** This embraces the study of appearance, modes of occurrence, methods of distinguishing minerals by their physical properties, including microscopic tests, and the consideration of their economic importance.

First Semester, three hours. Tuesday, Thursday and Friday, 10:05 a. m.

**10. Determinative Mineralogy:** This course will be a qualitative analysis of the various ores, and will include blow-pipe analysis and the usual chemical tests.

Second Semester, three hours. Tuesday, Thursday and Friday, 10:05 a. m.

**11 and 12.** An advanced course in Mineralogy is offered to those completing Courses 9 and 10. It comprises the microscopic examination of sections, and analysis of

constituent minerals. Two hours. Tuesday and Thursday, 1:45 p. m.

### Bacteriology

13 and 14. **Bacteriology:** This course will extend through the entire year and will consist of lectures upon important phases of the subject and thorough drill in laboratory methods. It will include methods of sterilization and disinfection; staining, mounting and examining of bacteria; preparation of culture media and cultivation of bacteria in them; a study of the more common pathogenic bacteria, and the analysis of water and food stuffs.

Each Semester, two hours. Monday and Wednesday, 11:45 a. m.

15 and 16. **A Course in Agriculture:** This is a course in applied Geology and Biology. It treats of the origin and nature of soils, how to improve them, subsoiling, drainage, natural fertilizers, the needs of special crops, rotation of crops and the farmer's enemies, such as blights, rusts, mildews and insects.

Two hours. Monday and Wednesday, 9:15 a. m.

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### Philosophy

*Professors Greene and Stafford*

This department is known as the **Sherwood School of Moral Philosophy**. Moral Philosophy, if thoroughly studied, must include also the study of Psychology, Logic and the History of Philosophy.

1. **Practical Ethics.** Text-book, "Practical Ethics," by W. D. Hyde.

First Semester. Tuesday and Thursday, 1:45 p. m.  
For Freshmen. Professor Greene.

3. **Psychology.** Text-book, "Psychology," by William James.

First Semester. Tuesday and Thursday, 10:55 a. m.  
For Juniors. Professor Stafford.

4. **Logic.** Text-books, "Elements of Deductive Logic" and "Elements of Inductive Logic," by Noah K. Davis.

Second Semester. Tuesday and Thursday, 10:55 a. m.

For Juniors. Professor Stafford.

5. **History of Philosophy.** Text-book, "History of Philosophy," by W. Windelband.

First Semester. Tuesday and Thursday, 9:15 a. m.

For Seniors. Professor Stafford.

6. **Theoretical Ethics.** Text-book, "Elements of Ethics," by Noah K. Davis.

Second Semester. Tuesday and Thursday, 9:15 a. m.

For Seniors. Professor Stafford.

7 and 8. **Elective Philosophy.** A study of Spinoza. Text-book, "Chief Works of Benedict De Spinoza," an English translation by R. H. M. Elwes.

First and Second Semesters. Wednesday, 3:25 p. m.

For Juniors and Seniors. Professor Stafford.

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## Theology

*J. P. Greene, T. P. Stafford, J. E. Cook,*

*Chas. Lee Smith, J. W. Kyle*

**A. The Historical Books of the Old Testament:** Special attention is given to the spelling and pronunciation of proper names, prominent persons, geography of Bible lands, periods of Old Testament history, contents of the books, etc.

First and Second Semesters. Monday, Wednesday and Friday, 10:05 a. m.

For Middle Academic Ministerial students and open to literary students. Professor Greene.

**B. Prophetical and Poetical Books of the Old Testament:** The object of this course is to make students familiar with the Prophets, their messages and their times. Attention will be given to the form, contents and spirit of the poetical writings and portions of them are committed to memory.

First and Second Semesters. Tuesday and Thursday, 10:05 a. m.

For Senior Academic Ministerial students and open to literary students. Professor Greene.

1 and 2. **The New Testament:** Events of the Gospels, in Chronological order, are committed to memory and their teachings studied; events of Acts committed and its discourses analyzed; Epistles are studied in connection with the history of the times. Introduc-

tory to this course there will be a study of Inter-Biblical History.

Text-books, "Harmony of the Gospels," by Jno. A. Broadus, and Revised English Bible.

First and Second Semesters. Monday, Wednesday and Friday, 2:35 p. m.

For Freshmen Ministerial students and open to Literary students. Professor Stafford.

**Note:**—Courses A, B, 1 and 2 are in the English Bible. Literary students are encouraged to take them and are allowed for them four hours toward graduation. Ministerial students are permitted to count for graduation only the college courses, 1 and 2.

3 and 4. **Bible Introduction.** Text-books, "Biblical Antiquities," by E. C. Bissell; "Biblical Geography," by J. L. Hurlbut, and one other to be selected.

First and Second Semesters. Tuesday and Thursday, 3:25 p. m.

Sophomore. Professor Stafford.

5 and 6. **Systematic Theology.** Text-book, "Systematic Theology," by A. H. Strong.

First and Second Semesters. Wednesday and Friday, 10:55 a. m.

Junior. Professor Stafford.

7 and 8. **Homiletics.** Text-book, "Preparation and Delivery of Sermons," by Jno. A. Broadus.

First and Second Semesters. Tuesday and Thursday, 11:45 a. m.

Senior. Professor Stafford.

9, 10, 11 and 12. **Pastoral Theology.** Two courses will be offered. Both courses will begin the First Semester and continue through the school year, one hour each week.

9 and 10. The text-book for the first course will be Gladden's "Christian Pastor," supplemented by thirty lectures and a special study of the life of some great pastor. The fundamental facts in the pastor's life will be treated in this course. Wednesday, 3:25 p. m. For Academic students.

11 and 12. The second course will be open to all students who have taken the first course. Dargan's "Ecclesiology" will be the text-book and there will be thirty lectures additional. The organized church and the problems of church government, discipline, finances and other

such questions will be studied, together with the practical relation of the church to the Kingdom and denomination. Thursday, 2:35 p. m.

For College students. Professor Cook.

13 and 14. **Church History.** See Department of History, 5 and 6. Professor Smith.

15 and 16. **New Testament Greek.** See Department of Greek, 11 and 12. Professor Kyle.

17 and 18. **Biblical Interpretation.** Exegetical study of portions of the English Bible. This course is intended especially for Ministerial students, that have charge of churches and missions, to enable them to make the best use of the English Bible in their work. Professor Greene.

Note 1. Every Ministerial student is required to take some theological work.

Note 2. Not more than seven hours in Theology may be counted for graduation.

Note 3. This department is articulated with the Southern Baptist Theological Seminary, Louisville, Ky., and work done here, with an average grade of 75 in recitation and examination, will be accepted there as follows:

1. Old Testament here equals one year of Old Testament English there, provided the student takes the Hebrew there.

2. Church History here equals one-half year of Church History there.

3. Systematic Theology here equals one-half year of Systematic Theology there.

4. Homiletics here equals one-half year of Homiletics there.

5. New Testament Greek here equals one year of New Testament Greek there.

6. Pastoral Theology here equals one year of Pastoral Theology there.

(Note—Additional subjects may be included in this list later.)

# Department of Physical Culture

*J. H. Penix, Director*

This department has been put on equality with the other departments of the college. Attendance upon its exercises, amounting to at least three hours per week, is obligatory upon all students not excused by vote of the Faculty.

It is the purpose of this department to promote the student's health and usefulness by directing his physical activities and acquainting him with the means of bodily development and preservation of health. Special attention is given to form in all exercises.

Five lines of exercises are offered, viz.: 1. Light Gymnastics, Military Tactics and Free Movements; 2. Intermediate Gymnastics, Club Swinging, Dumb Bells, Wands, etc.; 3. Heavy Gymnastics, Horizontal Bar, Low Bar, Parallel Bars, Horse and Tumbling; 4. Special Gymnastics, Individual or private exercises made out in accordance with the physical examination of the student; 5. Athletics: Games, Field Sports, etc.

Without underrating individual work, we emphasize strongly the regular class work, believing that there are benefits and advantages that can be had by this means only. In the classes all exercises are graded. Every student is entitled, free of charge, to a physical examination, a chart showing strong and weak points and a card of exercise made out in accordance therewith.

No charges are made for the regular work or for the use of any apparatus, and special encouragement is given to those who wish to learn the work with a view of becoming teachers.

The theoretical work of this department embraces text-book recitations in Physiology and Hygiene, with lectures on the care of the body and the theory and practice of physical training.

Every student should provide himself with a pair of rubber-soled shoes and a light suit, consisting of gray trousers and shirt to wear in the Gymnasium.

# Department of Elocution and Vocal Music

## Elocution and Oratory

It is the purpose of this department to develop the speaking powers by systematic vocal and physical culture, together with a development of all intellectual faculties, arousing and quickening the imagination, stirring and deepening the feelings, and bringing to the surface all the nobler emotions of mind and heart.

The pupil is taught not to surrender his individuality but to develop his speaking faculty through natural channels.

The course of instruction is divided into two semesters of about sixty lessons each. The following is a brief outline of the work:

Course 1. Physiology and Hygiene of the Voice, Voice Culture, Articulation, Vocal Elements, Quality, Force, Form, Elementary Gesture, Analysis, Class Reading with Criticism. Both Semesters. Monday, Wednesday and Friday, 1:45 p. m.

Course 2. Voice Culture, Quantity, Pauses and Movement, Pitch, Melody, Analysis and Interpretation, Lectures on Sources of Power in Delivery, etc. Advanced Gesture, Study of Shakespeare, with Criticism upon conception and rendition of lines. Declamations and Readings with individual criticism. Both Semesters. Monday, Wednesday and Friday, 3:25 p. m.

## Private Work

While class work is beneficial to the pupil, the private work will be much more so. Here the pupil has the individual attention of the teacher. He is first taught to form an ideal of voice, action and speech, and give expression to that ideal in word and gesture. Then his special defects are pointed out and he is shown how to overcome them. In all instruction the pupil is taught to preserve his individuality.

## Course

**First Year:** Voice Formation, Articulation, Quality, Force, Form, Elementary Gesture, Elementary Pan-



tomime, Drill in Conversation, Story Telling, and in the Analysis of Descriptive and Narrative Recitation and Public Interpretation of the same. First Semester.

Voice Culture, Quantity, Pitch, Time, Melody, Tone Color, Advanced Gesture, Drill in Extemporaneous Speaking, Character Study, Life Study, Analysis of Dramatic and Character Recitation. Second Semester.

**Second Year:** Vocal Culture of the Singing and Speaking Voice, Study of Delsarte, Study of Browning and Shakespeare and Interpretation of the same. First Semester.

Voice Culture continued, the Cultivation of Reserve Power and Personal Magnetism in the pupil, the Study of the Great Orations, and Delivery of the same. One original oration and delivery of same. Second Semester.

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## Music

*Professor Rider, Director*

The following courses form a part of the required work of all ministerial students and they are offered to all students in the College that will comply with the reasonable requirement that earnestness of purpose be manifest in the work done.

The courses are arranged with a view to giving the student a practical working knowledge of music, so that he may be able (1) to read any ordinary composition at sight; (2) to express simple thought and emotion in music-language; (3) to construct harmonies for simple melodies.

Such attention will be given to character and construction of hymns and their consistent expression in song, as will give the minister an intelligent, directive ability in this part of public worship.

That the student may have a broader outlook upon the field of Ecclesiastical Music, some attention will be given to the distinctive characteristics of the music of the different ages of the Christian Church.

Students doing the work of Courses 3 and 4 will receive credit on their course for a degree—one hour's credit for two hours' work done.

## Courses

1. Reading simple music based upon the plain diatonic scale. The elementary principles of Rhythm, taught by practical theme-writing with simple motives as bases. Harmony in two parts. Hymn-reading and singing.

First Semester. Two hours per week.

2. Reading music, introducing accidentals. Principles of Scale. Transposition. Theme-writing with view of expressing thought and feeling. Harmony in four parts, employing the tonic, dominant, sub-dominant and dominant-seventh chords. Hymn-reading and singing.

Second Semester. Two hours per week. Tuesday and Thursday, 1:45 p. m.

3. Part-singing. The construction and relation of the major scales. Theme-writing. Harmony, involving inversions, modulations and suspensions.

Critical study of hymns. Hymn-reading and singing.

First Semester. Two hours per week.

4. Part-singing. Elaborate theme-writing. The construction and relation of the minor scales. Harmony, involving the freer use of the chords of the seventh and their inversions; the study of dissonances and their resolution.

Critical study of hymns. Hymn-reading and singing.

Second Semester. Two hours per week. Tuesday and Thursday, 2:35 p. m.

5. **The Philharmonic Society** offers, under suitable restriction, the opportunity for the student to do **ensemble** work of a higher order than can be done in the general class. See item, "Philharmonic Society," page 15.

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## Private Work

The Singing Voice is developed on the principle that it is but an enlargement of the Speaking Voice.

Shakespeare's Art of Singing is used as the basis of this work, supplemented by Exercises and Vocalises from Marchesi, Abt, Concone and others.

Drill is given also in the singing of English Songs and Ballads.

## Terms

All class work in the Department of Elocution and Music is free.

Private Work. For term of twenty hour-lessons, \$15, payable in advance.

Coaching for Contests.

No pupil taken for less than five lessons. Seventy-five cents per hour.

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## College Band

*J. O. Harris, Director*

A band of fifteen or twenty pieces has been organized among the students and is now in its second year, doing excellent work, and adds greatly to the interest of public exercises on the Hill.

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## College Orchestra

*L. D. Sands, Leader*

An Orchestra of eight pieces is doing good work. These organizations look toward the time when the College shall be able to have a well-organized Department of Music.

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## Shorthand and Typewriting

*V. G. Garnett, Instructor*

The course in Phonography extends through the whole year, three recitations being held weekly. This course fits the diligent student to take general office dictations, copious notes on lectures, etc. Barnes's Manual of Pitman Phonography is used.

In connection with the shorthand course, a course in Typewriting is offered, but this may be taken with advantage by itself. Work in this department being necessarily individual in its character may be undertaken at any time.


A fee of \$5.00 per semester is charged.

## Scheme of Recitations—Collegiate Department

Hour	Class	Monday	Tuesday	Wednesday	Thursday	Friday
9:15 to 10:05	Freshman ..	Latin (1-2).....	Biology (1-4).....	Latin (1-2).....	Biology (1-4).....	Latin (1-2)
	Sophomore...	History (3-4).....	{ Greek (3-4)..... { Physics (3-4).....	History (3-4).....	{ Greek (3-4)..... { Physics (3-4).....	History (3-4)
	Junior.....	English (5-6).....	Political Economy (9-10).....	English (5-6).....	Political Economy (9-10).....	English (5-6)
	Senior.....	{ Mathematics (7-8) { Chemistry (5-6)...	Philosophy (5-6)...	{ Mathematics (7-8) { Chemistry (5-6)...	Philosophy (5-6)...	Mathematics (7-8)
10:05 to 10:55	Freshman....	{ Mathematics (1-2) { Spanish (11-12)...	Mathematics (1-2)...	Mathematics (1-2)...	Mathematics (1-2)...	{ Mathematics (1-2) { Spanish 11-12)
	Sophomore...	Latin (3-4).....	{ Physics (3-4)L... { N.T.Greek (11-12)	Latin (3-4).....	{ Physics (3-4)L... { N.T.Greek (11-12)	Latin (3-4)
	Junior.....	{ Admin't't'n(11-12) { Chemistry (3-4)...	{ German (5-6).... { Mineralogy (9-10)	{ German (5-6).... { Chemistry (3-4)...	{ German (5-6).... { Mineralogy (9-10)	{ Greek (5-6) { Chemistry (3-4) { Mineralogy (9-10)
	Senior.....		English (7-8).....	English (7-8).....	English (7-8).....	
10:55 to 11:45	Freshman....	{ Greek (1-2)..... { French (7-8).....	Greek (1-2).....	{ Biology (1-4)..... { Greek (1-2)..... { French (7-8).....	Greek (1-2).....	{ Greek (1-2) { French (7-8)
	Sophomore...	Mathematics (3-4)...	Mathematics (3-4)...	Theology (5-6).....	Mathematics (3-4)...	Theology (5-6)
	Junior.....		Philosophy (3-4)...	History (7-8).....	Philosophy (3-4)...	History (7-8)
	Senior.....	History (7-8).....	Economic Problems (13-14) . . . . .		Economic Problems (13-14) . . . . .	
11:45 to 12:35	Freshman....	Physics (1-2).....	Physics (1-2).....	History (1-2).....	Physics (1-2).....	History (1-2)
	Sophomore...	Greek (3-4).....	French (9-10).....	Chemistry (1-2)...	French (9-10).....	{ Chemistry (1-2) { French (9-10)
	Junior.....	Bacteriology (13-14)	{ Theology (7-8)...	Bacteriology (13-14)	{ Theology (7-8)...	
	Senior.....		{ Sociology (15-16)...		{ Sociology (15-16)...	
12:35 to 1:45		Noon Intermission				

Scheme of Recitations—Collegiate Department—*Contd.*

Hour	Class	Monday	Tuesday	Wednesday	Thursday	Friday
1:45 to 2:35	Freshman....	{ English (1-2).....	Practical Ethics (1)	English (1-2).....	Practical Ethics (1)	English (1-2)
	Sophomore...	{ French (7-8).....		German (3-4).....		German (3-4)
		{ German (3-4).....				
	Junior.....			{ Mathematics (5-6)		{ Mathematics (5-6)
			{ Greek Lit. (13-14)	Mathematics (5-6)..	{ Greek Lit. (13-14)	{ Greek Lit. (13-14)
				{ Mineralogy (11-12)		{ Mineralogy (11-12)
	Senior. ....	Greek (7-8).....		Greek (7-8).....		Greek (7-8)
2:35 to 3:25	Freshman....	{ German (1-2).....	Physics (1-2)L1....	{ German (1-2).....	Theology (11-12)...	{ German (1-2)
		{ Theology (1-2).....		{ Theology (1-2)...		{ Theology (1-2)
	Sophomore...	Chemistry (1-2)...		{ Physics (1-2)L2..		{ English (3-4)
				Chemistry (3-4-5-6)L . . . . .		{ Chemistry (3-4-5-6)L
	Junior.....	{ Chemistry (3-4-5-6)L . . . . .	Greek (5-6).....	Latin (5-6) . . . . .	Greek (5-6).....	Latin (5-6)
	Senior.....	{ Latin (5-6).....				Geology (5-6)
3:25 to 4:15	Freshman....	Chemistry (1-2)L...	Physics (1-2)L1....	Theology (9-10)...	Theology (3-4).....	Chemistry (3-4-5-6)L
	Sophomore...			Chemistry (3-4-5-6)L . . . . .		
	Junior.....					
	Senior.....			Philosophy (7-8)....		
					English (9-10).....	

 The hours for Mathematics, 5, 6, 7 and 8, are subject to change.

## University Extension

The object of University Extension is to carry special instruction to those who are so situated that they cannot attend courses in colleges and universities. In England, where the movement originated, it is esteemed one of the most important agencies for promoting popular education. It has found a congenial soil and is accomplishing great good in our own country.

University Extension offers busy men and women of every station and profession, opportunities for intellectual improvement, and gives the higher institutions of learning wider fields of usefulness. It is for these reasons that the professors of William Jewell College offer their services to neighboring communities, with the hope that the friends of education and the College will interest themselves in organizing Extension classes. For terms and full particulars, address the professor from whom a course of lectures is desired.

Courses are offered as follows:

### *By Professor Fruit*

Elizabethan Poetry.....	Six Lectures
Victorian Poetry.....	Six Lectures
American Poetry.....	Six Lectures
English Prose Literature.....	Twelve Lectures
Shakespeare . . . . .	Six Lectures
The Brownings . . . . .	Six Lectures

### *By Professor Smith*

Social and Economic Problems.....	Twelve Lectures
Principles of Taxation.....	Six Lectures
Money and Banking.....	Six Lectures
Natural Monopolies.....	Six Lectures
Events and Epochs in Ancient History.....	Twelve Lectures
Ancient Empires of the East.....	Six Lectures
Epochs in the History of Greece and Rome.....	Six Lectures
Epochs in Mediaeval History.....	Twelve Lectures
Epochs in English History.....	Six Lectures
Epochs in American History.....	Six Lectures

## Academic Department

*R. P. Rider, A. M., Principal*

The primary object of this department is to fit students to enter any of the Collegiate Courses. The required work, preliminary to entering the Collegiate Courses, embraces the following subjects of study:

**English:** including Reading, Spelling, Grammar, Etymology, Composition, Rhetoric and Literature.

The Course in Composition and Rhetoric includes, besides the study of the formulated principles of Rhetoric, the analysis of the motives, aims and methods of the different kinds of discourse. Much time is given to outline work and to the writing and criticising of themes.

**American Poets:** Selections from Bryant, Whittier, Longfellow, Lowell, Holmes, Poe, Lanier.

**American Prose:** Selections from Irving, Cooper, Hawthorne, Emerson, Howells, Page, Harris, Cable.

**English Literature.** "Vicar of Wakefield," "Robinson Crusoe," Lamb's "Tales from Shakespeare," "Rime of the Ancient Mariner," "Ivanhoe," "Silas Marner."

**Latin:** including Exercises, Grammar, Composition, Gradatim or Viri Romae, Fabulæ Faciles or Eutropius, Four Books of Cæsar or their equivalent, \*Six books of Virgil, and Four Orations of Cicero, with Prose Composition.

**Mathematics:** including Arithmetic, Algebra, Plane and Solid Geometry and Elements of Plane Trigonometry.

**Science:** including Descriptive Geography, Physical Geography, Physiology, and Elementary Physics.

**History:** including History of the United States, General History and Civics.

The secondary object of the department is to fit those who may be precluded from taking a complete course to take a respectable position among intelligent business men.

To this class of students a certain degree of latitude in electing studies is allowed, always subject to this restriction, however, that no student may enter any class for which his previous preparation does not fit him.

\*Required after 1904.

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

**Bookkeeping:** A five months' course. Classes will be formed at the beginning of each semester.

**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.

Students desiring to enter the special business courses will be examined in Spelling, English Grammar, including simple Letter Writing, Commercial Arithmetic, and Penmanship. If found deficient in any of these branches, they will be assigned a place in the classes adapted to their grade of advancement until they acquire the desired proficiency.

The desire has been to make the above curricula as comprehensive as possible, so that the student, if precluded from prosecuting his studies further, may leave school with a well-balanced, if limited, education; but at the same time, to impress the idea continually upon his mind that this work is but an introduction to the vast fields lying beyond, which he must traverse if he would class himself with educated men.

For the benefit of the students that show deficiency in Reading, Spelling, Descriptive Geography, the fundamental principles of English Grammar, Arithmetic, and Penmanship, classes will be formed under competent tutors. These classes will be strictly sub-academic.

\*In the effort to correct the almost universal deficiency in ability to spell, four spelling tests will be held at intervals of eight or ten weeks during the school year. These tests will be required of all students enrolled in the Academic and Sub-Academic Departments, irrespective of proficiency, except such students as are members of the regular spelling classes.

Only those who make an average of ninety per cent or more on these quarterly tests will be permitted to enter the contests for the Ely Spelling Medal that is awarded in May of each year.

Ample opportunity to study under the supervision of an instructor will be given to students in this Depart-



ment, and all whose work the Principal thinks will be rendered more efficient thereby, will be required to do so.

The Academic work will embrace the following courses:

### Mathematics

(a) **Arithmetic:** Oral and written. Fundamental Principles through Fractions. Both Semesters. Daily, 1:45 p. m.

(b) **Arithmetic:** Beyond Fractions. Both Semesters. Monday, Wednesday and Friday, 2:35 p. m.

(c) **Algebra** to Involution: Both Semesters. Tuesday and Thursday, 2:35 p. m.

(d) **Algebra** to Logarithms: Both Semesters. Daily, 11:45 a. m.

(e) **Plane Geometry:** First Semester and four weeks of second. Daily, 9:15 a. m.

(f) **Plane Trigonometry.** Elements. Second Semester. 9:15 a. m.

(g) **Solid Geometry:** Second Semester. Daily, 9:15 a. m.

### Science

(a) **Descriptive Geography:** Both Semesters. Tuesday and Thursday, 9:15 a. m.

(b) **Physiology:** First Semester. Monday, Wednesday and Friday, 9:15 a. m.

(c) **Physiography:** Second Semester. Monday, Wednesday and Friday, 9:15 a. m.

(d) **Elementary Physics:** Both Semesters. Tuesday, Wednesday and Thursday, 2:35 p. m. Laboratory Work. Both Semesters. Friday, 3:25 p. m.

### English

(a) **Grammar and Composition.** Fundamental Principles. Both Semesters. Daily, 11:45 a. m.

(b) **Grammar** Completed and Composition. Both Semesters. Daily, 9:15 a. m.

(c) **Rhetoric and Themes:** Both Semesters. Daily, 1:45 p. m.

(d) **Literature and Themes.** Both Semesters. Monday, Wednesday and Friday, 10:55 a. m.

(e) **Etymology.** Both Semesters. Tuesday, 10:55 a. m.

### Latin

(a) **Grammar, Elementary Exercises, Gradatim.** Both Semesters. Daily, 10:05 a. m.

(b<sup>1</sup>) **Grammar, Exercises, Fabulae Faciles or Eutropius.** First Semester. Daily, 10:55 a. m.

(b<sup>2</sup>) **Caesar: First Two Books. Grammar and Prose.** Second Semester, 10:55 a. m.

(c<sup>1</sup>) **Caesar: Equivalent of Books Three and Four. Grammar and Prose.** First Semester. Daily, 11:45 a. m.

(c<sup>2</sup>) **Cicero: Four Orations against Catiline, Grammar and Prose.** Second Semester. Daily, 11:45 a. m.

(d) **Ovid (Ten Weeks). Virgil: The Equivalent of Four Books. Scansion and Prose.** Both Semesters. Monday, Wednesday and Friday, 3:25 p. m.

### History

(a) **United States History:** First Semester and Ten Weeks of the Second. Monday, Wednesday and Friday, 3:25 p. m.

(b) **Civics:** Second Semester, Last Ten Weeks. Monday, Wednesday and Friday, 3:25 p. m.

(c) **General History:** Both Semesters. Monday, Wednesday and Friday, 10:05 a. m.

**Bible:** See Department of Theology.

**Music:** See Department of Music.

**Reading:** See Department of Elocution.

# Academic Course of Study

## Sub-Junior Class

FIRST SEMESTER.	HOURS.	SECOND SEMESTER.	HOURS.
English,	5	English,	5
Latin,	3	Latin,	3
Arithmetic,	5	Arithmetic,	5
Descriptive Geography,	3	Descriptive Geography,	3
Spelling,	3	Spelling,	3
Reading,	3	Reading,	3

## Junior Class

FIRST SEMESTER.	HOURS.	SECOND SEMESTER.	HOURS.
English,	5	English,	5
Latin,	5	Latin,	5
Arithmetic,	2	Arithmetic,	2
Algebra,	3	Algebra,	3
History, U. S.,	3	History, U. S., and Civics,	3
Music,*	2	Music,*	2

## Middle Class

FIRST SEMESTER.	HOURS.	SECOND SEMESTER.	HOURS.
English,	5	English,	5
Latin,	5	Latin,	5
Algebra,	5	Algebra,	5
Physiology,	3	Physiography,	3
Music,*	2	Music,*	2
Bible,*	3	Bible,*	3

## Senior Class

FIRST SEMESTER.	HOURS.	SECOND SEMESTER.	HOURS.
English,	5	English,	5
Latin,	3	Latin,	3
Geometry,	5	Geometry,	5
Physics,	3	Physics,	3
Bible,*	2	Bible,*	2
Music,*	2	Music,*	2

Reading and Spelling in all cases as the individual requirements may demand.

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\*Required of all ministerial students.

## Text Books

Milne's Mental Arithmetic.  
Milne's Standard Arithmetic.  
Milne's Academic Algebra.  
Phillips and Fisher's Geometry.  
Wentworth's Plane Trigonometry.  
Hill's Beginnings of Composition and Rhetoric.  
Baskerville and Sewell's English Grammar.  
Swinton's New World-Analysis.  
Abernethy's American Literature.  
Adams and Trent's History of the United States.  
James and Sanford's Our Government.  
Myers' General History.  
Physiology.  
Dryer's Physical Geography.  
Tilden's Commercial Geography.  
Hoadley's Physics.

Gunnison and Harley's First Year of Latin.  
Collar's New Gradatim.  
Kirtland's Fabulae Faciles.  
Hazzard's Eutropius.  
Arnold's Latin Prose Composition Revised.  
West's Latin Grammar.  
Kelsey's Caesar.  
Harper and Gallup's Cicero.  
Gleason's A Term of Ovid.  
Knapp's Virgil.  
Bennett's Quantitative Reading of Latin Poetry.  
Hunt and Gourley's Modern Speller.  
Cyr's Fifth Reader.  
Fulton and Trueblood's Practical Elocution.  
Damrosch's Sight-Singing.  
Strainer's Harmony.  
Mussulman's Book-keeping.  
Progressive Spelling Blank.

# Scheme of Recitations—Academic Department

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WILLIAM JEWELL COLLEGE

Hour	Class	Monday	Tuesday	Wednesday	Thursday	Friday
9:15 to 10:05	Sub-Junior... Junior..... Middle..... Senior.....	Spelling (a)..... English (b)..... Physiology (b)..... Geometry (c).....	Des. Geography (a) English (b)..... Physiography (c).. Geometry (e).....	Spelling (a)..... English (b)..... Physiology (b)..... Geometry (e).....	Des. Geography (a) English (b)..... Physiography..... Geometry (c).....	Spelling (a) English (b) Physiology (b) Geometry (e)
10:05 to 10:55	Sub-Junior... Junior..... Middle..... Senior.....	Arithmetic (a).... Latin (b)..... Bible..... General History (c)	Arithmetic (a).... Latin (b)..... Bible.....	Arithmetic (a).... Latin (b)..... Bible..... General History (c)	Arithmetic (a).... Latin (b)..... Bible.....	Arithmetic (a) Latin (b) Bible General History (c)
10:55 to 11:45	Sub-Junior... Junior..... Middle..... Senior.....	Reading (b)..... Latin (c)..... English (d).....	Latin (c)..... English (e).....	Reading (b)..... Latin (c)..... English (d).....	Latin (c)..... English (e).....	Reading (b) Latin (c) English (d)
11:45 to 12:35	Sub-Junior... Junior..... Middle..... Senior.....	English (a)..... Algebra (d)..... Latin (d).....	English (a)..... Algebra (d)..... Latin (d).....	English (a)..... Algebra (d)..... Latin (d).....	English (a)..... Algebra (d)..... Latin (d).....	English (a) Algebra (d) Latin (d)
12:35 to 1:45	Noon					
1:45 to 2:35	Sub-Junior... Junior..... Middle..... Senior.....	Latin (a)..... Spelling (b)..... English (c).....	English (c).....	Latin (a)..... Spelling (b)..... English (c).....	English (c).....	Latin (a) Spelling (b) English (c)
2:35 to 3:25	Sub-Junior... Junior..... Middle..... Senior.....	Reading (a)..... Arithmetic (b).....	Reading (a)..... Algebra (c)..... El. Physics (d)....	Reading (a)..... Arithmetic (b)..... El. Physics (d)....	Reading (a)..... Algebra (c)..... El. Physics (d)....	Reading (a) Arithmetic (b)
3:25 to 4:15	Sub-Junior... Junior..... Middle..... Senior.....	U. S. History (a)... Reading (a).....		U. S. History (a).. Reading (a).....	Physics, Laboratory	U. S. History (a) Reading (a) Physics, Laboratory

## Calendar

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### 1905

MONDAY, TUESDAY, and WEDNESDAY, SEPTEMBER 4-6—Matriculation.

THURSDAY, SEPTEMBER 7—Fall Semester begins.

THURSDAY, NOVEMBER 30—Thanksgiving Day.

FRIDAY, DECEMBER 22—Christmas Recess begins.

### 1906

TUESDAY MORNING, JANUARY 2—Christmas Recess ends.

WEDNESDAY, JANUARY 17—Fall Semester ends.

THURSDAY, JANUARY 18—Spring Semester begins.

### COMMENCEMENT WEEK.

SUNDAY, JUNE 3. } 11:00 A. M.—Baccalaureate Sermon.  
8:00 P. M.—Annual Address before the Board of Ministerial Education.

MONDAY, JUNE 4. } 9:00 A. M.—Annual Meeting of the Board of Visitors of the School of Theology.

11:00 A. M.—Annual Address before the Literary Societies.

3:00 P. M.—Annual Meeting of the Missouri Baptist Ministerial Education Society.

TUESDAY, JUNE 5—*Alumni Day*.

11:00 A. M.—Annual Address before the Alumni Association.

WEDNESDAY, JUNE 6—*Commencement Day*.

10:30 A. M.—Exercises of the Graduating Class.

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## Correspondents

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

# Catalogue of Students

## Graduate

NAME.	POSTOFFICE.	COUNTY.	STATE.
Brown, D. A.....	Salt Lake City.....	Salt Lake.....	Utah
Cannon, C. A.....	Elsberry.....	Lincoln.....	Missouri
Ewing, S. E.....	St. Louis.....	St. Louis.....	Missouri
Lewis, W. O.....	St. Joseph.....	Buchanan.....	Missouri
Prince, A. W.....	Ironton.....	Iron.....	Missouri
Robins, H. B.....	Oregon City.....	Clackamas.....	Oregon
Smith, J. F.....	St. Louis.....	St. Louis.....	Missouri
Stephens, C. B.....	Liberty.....	Clay.....	Missouri
Winebrenner, O. E.....	Clarksburg.....	Moniteau.....	Missouri
Wingblade, A. J.....	Kansas City.....	Jackson.....	Missouri

## Collegiate

### Senior

Blythe, J. R.....	Ashland.....	Boone.....	Missouri
Boggess, T. H.....	Carthage.....	Jasper.....	Missouri
Burch, M. A.....	Braddyville.....	Page.....	Iowa
Faithfull, C. M.....	Richmond.....	Henrico.....	Virginia
Ford, T. J.....	Coatsville.....	Schuyler.....	Missouri
Garnett, V. G.....	Pueblo.....	Pueblo.....	Colorado
Gibbs, G. E.....	Los Angeles.....	Los Angeles.....	California
Harman, R. V.....	Liberty.....	Clay.....	Missouri
Howard, I. L.....	Marionville.....	Lawrence.....	Missouri
Kelly, H. P.....	Mound City.....	Holt.....	Missouri
Killam, D. E.....	Winfield.....	Lincoln.....	Missouri
Lewis, T. A.....	Dawn.....	Livingstone.....	Missouri
Richardson, B. P.....	Owensville.....	Gasconade.....	Missouri
Sharp, W. E.....	Liberty.....	Clay.....	Missouri
Simrall, J. S.....	Liberty.....	Clay.....	Missouri
Stonum, N. W.....	Lathrop.....	Clinton.....	Missouri
Thomas, Z.....	Liberty.....	Clay.....	Missouri
White, H. S.....	Eagle.....	Eagle.....	Colorado

### Junior

Acker, R. B.....	St. Joseph.....	Buchanan.....	Missouri
Ash, A. R.....	Lentner.....	Shelby.....	Missouri
Barham, G. E.....	Liberty.....	Clay.....	Missouri
Brittain, R. D.....	Half Rock.....	Mercer.....	Missouri
Browning, W. P.....	Kansas City.....	Jackson.....	Missouri
Campbell, W. E.....	Berlin.....	Gentry.....	Missouri
Carter, E. K.....	St. Joseph.....	Buchanan.....	Missouri
Cast, H. E.....	Maryville.....	Nodaway.....	Missouri

NAME.	POSTOFFICE.	COUNTY.	STATE.
Day, R. E.....	Terre Haute.....	Vigo.....	Indiana
Duncan, G. W.....	Liberty.....	Clay.....	Missouri
Guthrie, J. A.....	Mexico.....	Audrain.....	Missouri
Hudson, M. O.....	Montgomery City.....	Montgomery.....	Missouri
Kinell, F. B.....	Liberty.....	Clay.....	Missouri
Lake, C. F.....	Pawnee.....	Pawnee.....	Oklahoma Ter.
Leadbetter, E.....	Garden City.....	Cass.....	Missouri
Leonard, J. L.....	Lockwood.....	Dade.....	Missouri
Long, E. J.....	Braggadocio.....	Pemiscot.....	Missouri
Nelson, E. C.....	Bunceton.....	Cooper.....	Missouri
Payn, F. C.....	Pueblo.....	Pueblo.....	Colorado
Penix, J. H.....	Bowling Green.....	Pike.....	Missouri
Poff, E. E.....	Lamar.....	Barton.....	Missouri
Prince, C. J.....	Ironton.....	Iron.....	Missouri
Richeson, C.....	Liberty.....	Clay.....	Missouri
Riley, J. M.....	DeKalb.....	Buchanan.....	Missouri
Rogers, S. E.....	Santa Fe.....	Monroe.....	Missouri
Sharp, J. W.....	Liberty.....	Clay.....	Missouri
Trotter, H. T.....	Carrollton.....	Carroll.....	Missouri
Venable, C. W.....	Gallatin.....	Daviess.....	Missouri
Vollmer, F.....	St. Joseph.....	Buchanan.....	Missouri
Watkins, L. A.....	Liberty.....	Clay.....	Missouri

### Sophomore

Alexander, J. W.....	Weaubleau.....	Hickory.....	Missouri
Barr, C. A.....	Linkville.....	Platte.....	Missouri
Bowman, C. B.....	Dexter.....	Stoddard.....	Missouri
Bradley, D. O.....	Rockville.....	Bates.....	Missouri
Carel, E. G.....	Liberty.....	Clay.....	Missouri
Chiles, H. C.....	Lexington.....	Lafayette.....	Missouri
Cohen, D. T.....	Fredericktown.....	Madison.....	Missouri
Custer, J. S.....	St. Joseph.....	Buchanan.....	Missouri
Daniel, C. G.....	Vandalia.....	Audrain.....	Missouri
Davis, J. E.....	Liberty.....	Clay.....	Missouri
Duncan, E. B.....	Liberty.....	Clay.....	Missouri
Floyd, L. E.....	Liberty.....	Clay.....	Missouri
Foley, G. E.....	Gallatin.....	Daviess.....	Missouri
Foster, A. R.....	Liberty.....	Clay.....	Missouri
Fruit, H. P.....	Hopkinsville.....	Christian.....	Kentucky
Graham, L.....	Fredericktown.....	Madison.....	Missouri
Harris, J. O.....	Liberty.....	Clay.....	Missouri
Harris, O. A.....	Lockwood.....	Dade.....	Missouri
Hatcher, W. L.....	Liberty.....	Clay.....	Missouri
Heaton, B. F.....	Marceline.....	Chariton.....	Missouri
Hoefer, C., Jr.....	Higginsville.....	Lafayette.....	Missouri
Huse, F. A.....	Warsaw.....	Benton.....	Missouri
Koch, G. B.....	Hemple.....	Clinton.....	Missouri
Marriott, C. C.....	Versailles.....	Morgan.....	Missouri
Monroe, G. C.....	Enon.....	Moniteau.....	Missouri
McAtee, J. E.....	Grant.....	Boone.....	Kentucky
McGlashan, A. D.....	Fountain.....	El Paso.....	Colorado
Pittman, A. D.....	Kansas City.....	Jackson.....	Missouri
Porter, S. J.....	Plattsburg.....	Clinton.....	Missouri



NAME.	POSTOFFICE.	COUNTY.	STATE.
Potter, T. ....	Liberty. ....	Clay. ....	Missouri
Prather, G. L. ....	DeKalb. ....	Buchanan. ....	Missouri
Redding, B. W. ....	Liberty. ....	Clay. ....	Missouri
Rhoades, W. ....	Graham. ....	Nodaway. ....	Missouri
Robertson, W. P. ....	Bonham. ....	Fannin. ....	Texas
Robins, C. A. ....	La Junta. ....	Otero. ....	Colorado
Rogers, F. G. ....	Liberty. ....	Clay. ....	Missouri
Sands, L. D. ....	Cole Camp. ....	Benton. ....	Missouri
Shacklette, B. M. ....	Ekron. ....	Meade. ....	Kentucky
Shouse, N. B. ....	Belton. ....	Cass. ....	Missouri
Stephens, R. T. ....	Cowgill. ....	Caldwell. ....	Missouri
Stillions, J. C. ....	Palmyra. ....	Marion. ....	Missouri
Street, E. B. ....	Clark. ....	Randolph. ....	Missouri
Tilton, W. B. ....	Grant City. ....	Worth. ....	Missouri

### Freshman

Atchison, A. L. ....	Liberty. ....	Clay. ....	Missouri
Babcock, G. ....	Rocky Ford. ....	Otero. ....	Colorado
Bibb, T. W. ....	Liberty. ....	Clay. ....	Missouri
Black, C. R. ....	Corning. ....	Clay. ....	Arkansas
Bowman, T. D. ....	Fredericktown. ....	Madison. ....	Missouri
Campbell, H. L. ....	Al-lu-we. ....	Cherokee Nation. I. Ter.	
Clark, E. H. ....	Linneus. ....	Linn. ....	Missouri
Davis, W. E. ....	Liberty. ....	Clay. ....	Missouri
Dicken, H. A. ....	Kahoka. ....	Clark. ....	Missouri
Dunn, H. F. ....	St. Joseph. ....	Buchanan. ....	Missouri
Ely, L. B. ....	Slater. ....	Saline. ....	Missouri
Eubank, E. E. ....	Liberty. ....	Clay. ....	Missouri
Eyman, C. H. ....	Butler. ....	Bates. ....	Missouri
Fox, W. J. ....	Pond Creek. ....	Grant. .	Oklahoma Ter.
Goodin, H. ....	St. Louis. ....	St. Louis. ....	Missouri
Hassler, J. O. ....	Harviell. ....	Butler. ....	Missouri
Herbold, G. W. ....	Liberty. ....	Clay. ....	Missouri
Howard, S. A. ....	Slater. ....	Saline. ....	Missouri
Huxley, T. L. ....	Canon City. ....	Fremont. ....	Colorado
Jefferis, D. ....	Rockport. ....	Atchison. ....	Missouri
Jones, C. P. ....	Liberty. ....	Clay. ....	Missouri
Kendall, O. E. ....	Sikeston. ....	Scott. ....	Missouri
Killam, L. R. ....	Winfield. ....	Lincoln. ....	Missouri
Lindsey, C. ....	Choteau. ....	Cherokee Nation, I. Ter.	
Luchsinger, J. H. ....	Hemple. ....	Clinton. ....	Missouri
Marr, E. E. ....	Liberty. ....	Clay. ....	Missouri
Martin, A. E. ....	Kingsville. ....	Johnson. ....	Missouri
Maxey, W. T. ....	Muskogee. ....	Creek Nation, Ind. Ter.	
Merriett, E. A. ....	Kansas City. ....	Wyandotte. ....	Kansas
Motley, M. Y. ....	Bowling Green. ....	Pike. ....	Missouri
McGrew, G. T. ....	Vandalia. ....	Audrain. ....	Missouri
McLaury, W. F. ....	Blackwell. ....	Kay. ....	Oklahoma Ter.
Norvell, E. F. ....	Gilliam. ....	Saline. ....	Missouri
Oldham, W. M. ....	Liberty. ....	Clay. ....	Missouri
Parish, C. L. ....	Everett. ....	Cass. ....	Missouri
Pence, C. E. ....	Liberty. ....	Clay. ....	Missouri
Peffer, J. M. ....	St. Joseph. ....	Buchanan. ....	Missouri

NAME.	POSTOFFICE.	COUNTY.	STATE.
Phelps, E. T.....	Hebron.....	Thayer.....	Nebraska
Read, A. W.....	Coffeyville.....	Montgomery.....	Missouri
Scott, C. H.....	Liberty.....	Clay.....	Missouri
Schreiber, K. L.....	Leavenworth.....	Leavenworth.....	Kansas
Smith, W. M.....	Memphis.....	Scotland.....	Missouri
Stonum, A. W.....	Lathrop.....	Clinton.....	Missouri
Stovall, J. K.....	Jameson.....	Daviess.....	Missouri
Taylor, M. S.....	Liberty.....	Clay.....	Missouri
Thompson, A. D.....	La Belle.....	Lewis.....	Missouri
Turpin, R. D.....	Carrollton.....	Carroll.....	Missouri
Wood, L. ....	Liberty.....	Clay.....	Missouri

## Academic

### Senior

Barton, G. F.....	Lentner.....	Shelby.....	Missouri
Beville, J. W.....	Liberty.....	Clay.....	Missouri
Bevins, D. M.....	Liberty.....	Clay.....	Missouri
Biggs, M. A.....	Bowling Green.....	Pike.....	Missouri
Bishop, O. P.....	Liberty.....	Clay.....	Missouri
Brown, A. D.....	St. Louis.....	St. Louis.....	Missouri
Burnley, R.....	Buckner.....	Jackson.....	Missouri
Carpenter, J. S.....	Rothville.....	Chariton.....	Missouri
Chastain, T. J.....	Gentry.....	Benton.....	Arkansas
Duvall, M. J.....	Gower.....	Buchanan.....	Missouri
Fox, C. B.....	St. Louis.....	St. Louis.....	Missouri
Greene, J. W.....	Liberty.....	Clay.....	Missouri
Harris, L. J.....	Salisbury.....	Chariton.....	Missouri
Harvey, T. F.....	Eureka Springs.....	Carroll.....	Arkansas
Hickerson, J. W.....	Brandenburg.....	Meade.....	Kentucky
Hopson, E. ....	Meadville.....	Linn.....	Missouri
Jennings, R. L.....	Mayview.....	Lafayette.....	Missouri
Kawaguchi, A. U.....	Ikeda.....	Wakayama Ken.....	Japan
Keetch, G. J. E.....	Drexel.....	Cass.....	Missouri
Lemons, C. S.....	Birch Tree.....	Shannon.....	Missouri
Magruder, G. N.....	Higbee.....	Randolph.....	Missouri
Meagher, W. F.....	Muskogee.....	Creek Nation, Ind. Ter.	
Mills, J. A.....	Main City.....	Cass.....	Missouri
Nelson, C. T.....	Bunceton.....	Cooper.....	Missouri
Norton, H. B.....	New London.....	Ralls.....	Missouri
Reichel, G. F.....	Peoria.....	Peoria.....	Illinois
Rider, J. W.....	Kansas City.....	Kansas City.....	Missouri
Riney, E. A.....	Liberty.....	Clay.....	Missouri
Riney, J. A.....	Liberty.....	Clay.....	Missouri
Roach, M. ....	Mayview.....	Lafayette.....	Missouri
Robinson, J. A.....	Liberty.....	Clay.....	Missouri
Scott, E. W.....	Liberty.....	Clay.....	Missouri
Skirvin, T. I.....	La Belle.....	Lewis.....	Missouri
Smith, H. L.....	Liberty.....	Clay.....	Missouri
Walkup, J. L.....	Wheeling.....	Linn.....	Missouri
Webdell, R. M.....	Lentner.....	Shelby.....	Missouri

NAME.	POSTOFFICE.	COUNTY.	STATE.
Weber, P. ....	St. Louis.....	St. Louis.....	Missouri
West, G. S. ....	Blackwell.....	Kay... ..	Oklahoma Ter.
Wilkerson, O. O. ....	Cowgill.....	Caldwell. ....	Missouri
Williams, F. R. ....	Turney.....	Clinton. ....	Missouri
Wornall, T. J., Jr. ....	Liberty.....	Clay. ....	Missouri

## Middle

Adams, W. Cl. ....	Liberty.....	Clay. ....	Missouri
Adams, W. Cur. ....	Crescent.....	Logan. ..	Oklahoma Ter.
Allcorn, H. ....	Missouri City.....	Clay. ....	Missouri
Barton, E. C. ....	Liberty.....	Clay. ....	Missouri
Bibb, M. L. ....	Liberty.....	Clay. ....	Missouri
Bowen, T. ....	Easton.....	Buchanan. ....	Missouri
Campbell, C. S. ....	Bates City.....	Lafayette. ....	Missouri
Carroll, R. L. ....	Clarence.....	Shelby. ....	Missouri
Coulson, E. ....	Geuda Springs... ..	Cowley. ....	Kansas
Cox, W. E. ....	South St. Joseph.....	Buchanan. ....	Missouri
Frost, J. B. ....	Liberty.....	Clay. ....	Missouri
Greenway, G. C. ....	Holt Summit.....	Callaway. ....	Missouri
Gronde, F. J. ....	Alta Vista.....	Wabaunsee. ....	Kansas
Hale, L. M. ....	Shelbina.....	Shelby. ....	Missouri
Harkrider, H. C. ....	Muskogee.....	Creek Nation, Ind. Ter.	
Harris, B. ....	Clinton.....	Henry. ....	Missouri
Haskett, P. E. ....	Baxter Springs... ..	Cherokee. ....	Kansas
Holloway, C. B. ....	Glensted.....	Morgan. ....	Missouri
Holmes, E. W. ....	Joplin.....	Jasper. ....	Missouri
Hooser, W. B. ....	Fairfield.....	Benton. ....	Missouri
Johnson, H. S. ....	Dawn.....	Livingstone. ....	Missouri
Johnston, N. C. ....	Clifton Hill.....	Randolph. ....	Missouri
Kieffer, L. H. ....	Cole Camp.....	Benton. ....	Missouri
Killough, W. E. ....	Birch Tree.....	Shannon. ....	Missouri
Little, W. H. ....	Liberty.....	Clay. ....	Missouri
Lyon, E. E. ....	Liberty.....	Clay. ....	Missouri
Martin, F. V. ....	Lone Elm.....	Cooper. ....	Missouri
Masten, C. H. ....	Independence.....	Jackson. ....	Missouri
Mellichamp, W. L. ....	Troy.....	Lincoln. ....	Missouri
Monroe, U. S. ....	Enon.....	Moniteau ....	Missouri
Neafus, G. N. ....	Ekron.....	Meade. ....	Kentucky
Norton, E. H. ....	Missouri City.....	Clay. ....	Missouri
Paddock, M. B. ....	Kansas City.....	Jackson. ....	Missouri
Preston, H. T. ....	St. Joseph.....	Buchanan. ....	Missouri
Reed, W. O. ....	West Plains.....	Howell. ....	Missouri
Roberts, M. F. ....	Liberty.....	Clay. ....	Missouri
Sallee, C. E. ....	Bethany.....	Harrison. ....	Missouri
Steele, E. C. ....	Grant City.....	Worth. ....	Missouri
Spear, A. C. ....	Liberty.....	Clay. ....	Missouri
Trachsel, A. R. ....	Helena.....	Andrew. ....	Missouri
Williams, Fr. ....	Turney.....	Clinton. ....	Missouri
Williams, W. E. ....	Gallatin.....	Sumner. ....	Tennessee
Winfrey, N. E. ....	Wakenda.....	Carroll. ....	Missouri
Winston, C. H. ....	Liberty.....	Clay. ....	Missouri
Wright, G. W. ....	Vandalia.....	Audrain ....	Missouri
Yager, J. O. ....	New London.....	Ralls. ....	Missouri

## Junior

NAME.	POSTOFFICE.	COUNTY.	STATE.
Abrams, S. W.	Baxter Springs	Cherokee	Kansas
Armstrong, P. D.	Kansas City	Jackson	Missouri
Auwarter, F. D.	Hale	Carroll	Missouri
Bell, R. E.	Canadian	Hemphill	Texas
Bishop, O. L.	Liberty	Clay	Missouri
Brewer, A.	Danville	Vermilion	Illinois
Burnham, C. F.	Worth		Missouri
Carl, G. R.	Kansas City	Jackson	Missouri
Carrington, H. B.	Kansas City	Jackson	Missouri
Chastain, A. R.	Windsor	Henry	Missouri
Dailey, A. L.	Wheeling	Livingstone	Missouri
Dameron, C. L.	Silverton	Douglas	Missouri
Dawson, W. C.	Owensboro	Daviess	Missouri
Dill, R. G.	Kansas City	Jackson	Missouri
Ehrhardt, H. H.	Salisbury	Chariton	Missouri
Estes, T. M.	Farmington	St. Francois	Missouri
Fitzmaurice, O. C.	St. Louis	St. Louis	Missouri
Fowler, M. R.	Elmira	Ray	Missouri
Graham, H. E.	Jonesboro	Craighead	Arkansas
Haase, O. C.	St. Louis		Missouri
Hall, E. K.	Fulton	Bourbon	Kansas
Hardy, A. R.	Kansas City	Jackson	Missouri
Herring, E. M.	Liberty	Clay	Missouri
Hess, F. O.	Liberty	Clay	Missouri
Heuer, J. F.	Peace Valley	Howell	Missouri
Holke, A. W.	Napoleon	Lafayette	Missouri
Howell, J. D.	South Greenfield	Dade	Missouri
Kelly, E.	Cosby	Andrew	Missouri
McClellen, R.	Chillicothe	Livingstone	Missouri
Morris, C.	Chillicothe	Livingstone	Missouri
Morton, F. G.	St. Louis	St. Louis	Missouri
Moss, R. B.	Cosbiana	Codo Parish	Louisiana
Myers, S. I.	Buckner	Jackson	Missouri
Newman, P. I.	Edinburg	Grundy	Missouri
Parmenter, R. W.	Leavenworth	Leavenworth	Kansas
Prewett, G. T.	Liberty	Clay	Missouri
Prewett, W. E.	Liberty	Clay	Missouri
Raines, I.	Excelsior Springs	Clay	Missouri
Robinson, G. L.	Green	Clay	Kansas
Robinson, R. E.	Green	Clay	Kansas
Sanders, G. F.	Merriam	Johnson	Kansas
Simmons, R.	Missouri City	Clay	Missouri
Smelser, W. S.	Grandin	Carter	Missouri
Thomas, H. J.	Brookfield	Linn	Missouri
Turk, A. B.	Enid	Garfield	Oklahoma Ter.
Wiles, T. H.	Wetherill	Ozark	Missouri
Wright, H. W.	La Cygne	Linn	Kansas
Wright, B. W.	Liberty	Clay	Missouri
Wyatt, H. B.	Savannah	Andrew	Missouri

## Sub-Junior

NAME.	POSTOFFICE.	COUNTY.	STATE.
Bertrand, B. E.....	Dover.....	Lafayette. ....	Missouri
Boyd, W. L.....	Centralia.....	Boone. ....	Missouri
Carl, T. C.....	Kansas City.....	Jackson. ....	Missouri
Carrick, D. ....	Tinney Grove.....	Ray. ....	Missouri
Cary, F. E.....	Liberty.....	Clay. ....	Missouri
Churchwell, E. R.....	Shelbyville.....	Shelby. ....	Missouri
Eaves, E. J.....	Hillsboro.....	Jefferson. ....	Missouri
Glick, C. ....	Cosby.....	Audrain . ....	Missouri
Goodman, M. S.....	Summerfield.....	Osage. ....	Missouri
Hagerman, W. G.....	Flat River.....	St. Francois. ..	Missouri
Hall, J. ....	Fulton.....	Bourbon. ....	Kansas
Harris, R. ....	Summerfield.....	Osage. ....	Missouri
Henderson, H. W.....	Fristoe.....	Benton. ....	Missouri
Holke, O. F.....	Napoleon.....	Lafayette. ....	Missouri
Hutcherson, J. C.....	Highland Station.	Doniphan. ....	Kansas
Kigawa, M. ....	Chiboken.....	Sakura. ....	Japan
Mudd, E. O.....	Burdette.....	Bates. ....	Missouri
Mudd, J. J.....	Burdette.....	Bates. ....	Missouri
Ragan, W. ....	Liberty.....	Clay. ....	Missouri
Riddle, E. ....	Liberty.....	Clay. ....	Missouri
Ridenhour, J. W.....	Summerfield.....	Osage. ....	Missouri
Sherwood, D. G.....	Gower.....	Clinton. ....	Missouri
Slocum, L. H.....	Wheeling.....	Livingstone. ..	Missouri
Taylor, H. L.....	Liberty.....	Clay. ....	Missouri
Turk, A. C.....	Enid.....	Garfield..	Oklahoma Ter.
Turner, G. T.....	Leavenworth.....	Leavenworth. ...	Kansas
Turner, W. D.....	Hunnewell.....	Shelby. ....	Missouri
Weaver, G. F.....	Maysville.....	Benton. ....	Arkansas
Williams, D. W.....	Florence.....	Morgan. ....	Missouri
Winfrey, J. W.....	Wakenda.....	Carroll. ....	Missouri
Wright, W. K.....	Wheeling.....	Livingstone. ..	Missouri
Yokley, W. R.....	Knobnoster.....	Johnson. ....	Missouri

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## Collegiate

Graduate. ....	10	
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## Academic

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## Residence

Arkansas. ....	5	Louisiana. ....	1
California. ....	1	Missouri. ....	258
Colorado. ....	7	Nebraska. ....	1
Illinois. ....	2	Oklahoma. ....	7
Indiana. ....	1	Oregon. ....	1
Indian Territory. ....	5	South Carolina. ....	1
Iowa. ....	1	Tennessee. ....	1
Japan. ....	2	Texas. ....	2
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