
“**I**NTO what boundless life does education admit us! Every truth gained through it expands a moment of time into illimitable being, positively enlarges our existence, and endows us with qualities which time cannot weaken or destroy.”—Chapin.

Ottawa University

1908-1909

Ottawa University,
Ottawa, Kansas.



*The Forty-fourth Annual
Catalogue*

REGISTER FOR 1906-9
ANNOUNCEMENTS FOR 1909-10



The Quarterly Bulletin

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No. 5.

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DEPARTMENTS OF THE UNIVERSITY

- I. THE COLLEGE OF LIBERAL ARTS
- II. THE ACADEMY
- III. THE SCHOOL OF FINE ARTS
 1. THE CONSERVATORY OF MUSIC
 2. THE SCHOOL OF EXPRESSION
 3. THE SCHOOL OF ART
- IV. THE BUSINESS COLLEGE

Greeting.

DURING the academic year of 1908-09 the University has taken some decided steps in advance. It has fitted up a laboratory for teaching Bacteriology. This course was given for the first time during the Fall Semester. That it was appreciated is evident from the fact that every table in the laboratory was occupied. A large amount of apparatus has been added to the Physics laboratory in order that the course in advanced Physics might be given so that it will receive full credit in any school for engineers. The chemical laboratory has been enlarged so as to accommodate the increasing number of students in that department. A new course in the Analysis of Foods has been given during the past year.

Special provision has been made so that those students who expect to teach may take special work in their chosen subjects. Suggestions are made as to courses that should be chosen in that section of the catalogue where the work is described in detail. The University emphasizes thoroughness in every department. The classes are of such size that it is possible for the teacher to know personally each student in his class. Personal touch has a vast deal to do with the training of young people. In colleges of the size of Ottawa University the student is not lost in the crowd but has an opportunity to develop his personality. He has prospects of a place on the debating and athletic teams that might not come to him in larger institutions. These are an essential part of college life. The moral and spiritual tone of the college and city is mainly and wholesome. Graduates of such institutions are taking front rank in these times.

The University Calendar.

The collegiate year of Ottawa University is divided into two semesters, each of eighteen weeks. The Fall Semester opens on the first Wednesday after the first Sunday in September, and continues until the last week in January. The Spring Semester opens on the Tuesday after the close of the Fall Semester and closes on Commencement day which occurs on the Wednesday following the first Sunday in June.

ACADEMIC YEAR 1908-9, SPRING SEMESTER.

- Feb. 2, Tuesday, Spring Semester opened.
- Feb. 14, Sunday, Day of Prayer for Colleges.
- April 6, Tuesday, Mid-Semester Reports Mailed.
- April 21, Wednesday, Charter Day.
- June 2, Wednesday, } Final Examinations for Spring Semester.
- June 3, Thursday, }
- June 4, Friday, }
- June 4, Friday, 8 p. m. Recital of Department of Expression.
- June 5, Saturday, 8 p. m. Inter-Society Debate.
- June 6, Sunday, 10:30 a. m. Baccalaureate Sermon.
- 8 p. m. Sermon Before the Christian Associations.
- June 7, Monday, 10:30 a. m. Graduating Exercises of the Senior Class in the Academy.
- 8 p. m. Senior Class Play.
- June 8, Tuesday, University Day.
- 9 a. m. Alumni Business Meeting.
- 10 a. m. Senior Class Farewell.
- 12 noon, Alumni Luncheon.
- 2 p. m. Annual Meeting of Board of Trustees.
- 4 to 6 p. m. Art Exhibit and Reception in Charlton Cottage.
- 8 p. m. Oratorio "Elijah" by Oratorio Society.

OF OTTAWA UNIVERSITY.

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- June 9, Wednesday, 10 a. m. Commencement.
- 1 p. m. Commencement Dinner.
- 8 to 11 p. m. President's Reception.

ACADEMIC YEAR 1909-10, FALL SEMESTER.

- Sept. 8, Wednesday 9:30 a. m. Fall Semester opens.
- Nov. 17, Wednesday, Mid-Semester Reports Mailed.
- Nov. 25, Thursday, Thanksgiving Recess.
- Dec. 23, Thursday, Holiday Vacation Begins.
- 1910.
- Jan. 4, Tuesday, University Work Resumed.
- Jan. 26, Wednesday, } Final Examinations for Fall Semester.
- Jan. 27, Thursday, }
- Jan. 28, Friday, }
- Feb. 1, Tuesday, Spring Semester opens.
- Feb. 13, Sunday, Day of Prayer for Schools and Colleges.
- April 5, Tuesday, Mid-Semester Reports Mailed.
- April, 21, Thursday, Charter Day.
- June 8, Wednesday, Commencement.

Section I.—Organization.

Board of Trustees.

TERM EXPIRES JUNE, 1909.

REV. G. W. CASSIDY,	Wichita
C. Q. CHANDLER,	Wichita
C. F. LAMB,	Ottawa
J. V. MITCHELL,	Ottawa
J. C. SMITH,	Topeka
REV. G. W. TROUT,	Pittsburg

TERM EXPIRES JUNE, 1910.

J. M. BOOMER,	Fairview
REV. J. BARRATT,	Topeka
REV. W. G. CARRY,	McPherson
DON KINNEY,	Newton
H. E. SILLIMAN,	Winfield
A. WILLIS,	Ottawa

TERM EXPIRES JUNE, 1911.

W. M. GRAY,	Chanute
REV. O. C. BROWN,	Lawrence
P. H. STANNARD,	Ottawa
A. DOBSON,	Ottawa
J. M. McWHARF,	Ottawa
P. O. HETRICK,	Ottawa

TERM EXPIRES JUNE, 1912.

L. E. CHASE,	Hiawatha
REV. J. T. CRAWFORD,	Parsons
D. F. DANIEL,	Ottawa
J. P. HALL,	Medicine Lodge
T. W. MORGAN,	Ottawa
J. F. MORSE,	Pittsburg

OFFICERS OF THE BOARD OF TRUSTEES.

C. Q. CHANDLER,	President
J. M. McWHARF,	Vice President
A. WILLIS,	Secretary
J. V. MITCHELL,	Treasurer of Current Funds
C. F. LAMB,	Treasurer of Endowment and Trust Funds

COMMITTEES.

Executive.

A. DOBSON, Chairman,	F. H. STANNARD, Secretary,
O. C. BROWN,	D. F. DANIEL,
J. V. MITCHELL,	C. F. LAMB,
	A. WILLIS,

Finance.

C. Q. CHANDLER, Chairman,	C. F. LAMB,	A. DOBSON,
DON KINNEY	H. E. SILLIMAN,	

Loan and Investment.

A. DOBSON, Chairman,	F. H. STANNARD,	C. F. LAMB,
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Endowment Campaign.

C. Q. CHANDLER, Chairman,	DON KINNEY,	J. F. SHEARMAN
G. W. CASSIDY,	S. E. PRICE,	

Auditing.

P. O. HETRICK, Chairman,	J. T. CRAWFORD,	T. W. MORGAN
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CHARLTON COTTAGE COMMITTEE OF WOMEN.

MRS. E. K. CHANDLER, Chairman,
MRS. F. H. STANNARD, Treasurer,
MRS. S. E. PRICE
MRS. A. O. RATHBUN,
MRS. L. C. STINE

The Faculty.

SILAS EBER PRICE, D. D.,	693 Cedar St.
President and Professor of Biblical Literature.	
MILAN L. WARD, A. M., D. D.,	703 Poplar St.
Emeritus Professor of Mathematics.	
EDWARD K. CHANDLER, A. M., D. D.,	819 Main St.
Professor of History and Economics.	
WILLIAM B. WILSON, M. S.,	840 Cedar St.
Professor of Biological Science.	
WARREN S. GORDIS, Ph. D.,	1016 Hickory St.
Professor of Greek and Latin.	
MURRAY G. HILL, A. M.,	725 Cedar St.
Professor of English Language and Literature.	
JAMES A. G. SHIRK, M. S.,	710 Oak St.
Professor of Mathematics and Physics.	
HERBERT H. POSTER, Ph. D.,	713 Main St.
Professor of Philosophy and Pedagogy.	
JOHANNA M. PIRSCHER, Ph. M.,	912 Cedar St.
Professor of German and French.	
Dean of Women.	
OREL S. GRONER, A. B.,	713 Cedar St.
Professor of Chemistry.	
IDA B. SHIVE, A. B.,	743 Main St.
Instructor in Latin and English.	
JAMES T. ROSSON,	210 Oak St.
Instructor in Mathematics.	
GRANT H. CRAIN, Master of Accounts,	822 Cedar St.
Principal of the Business College.	

AURORA NORWOOD,	Charlton Cottage
Director of School of Art.	
CAROLINE M. MEDDERS,	709 Cedar St.
Director of School of Expression.	
J. W. NIXEL,	736 Poplar St.
Dean of the Conservatory and Teacher of Voice.	
ETHEL M. HARRISON,	316 Main St.
Teacher of Piano.	
LUCY K. FORBES,	721 Cedar St.
Teacher of Piano and Pipe Organ.	
MARY COLER DAVIS,	606 Poplar St.
Teacher of Violin.	
NORMAN G. WANN, A. B.,	122 Park St.
Physical Director and Athletic Manager.	
Instructor in Zoology.	
HUBERT RISHEL,	Assistant in Mathematics
CORINNE STEPHENSON,	Assistant in English
HENRY CLAY DALE,	Assistant in English
MERLE M. MOORE,	Assistant in Chemistry
JOHN A. WILSON,	Assistant in Biology
OSCAR J. COE,	Assistant in Biology.

Lecturers for 1908-9.

MR. W. S. FALLIS, Banker,	"Questions of Finance."
HON. T. W. MORGAN, Editor,	"Reformatories."
PROF. NORMAN M. HARRIS,	"Bacteriology and Public Health."
REV. W. A. ELLIOTT,	Church Polity

Other Officers.

PROF. W. B. WILSON,	Registrar
PROF. E. K. CHANDLER,	Librarian
PROF. W. S. GORDIS,	Secretary of the Faculty
DEUSILLA A. MOSES,	Secretary to the President
EMMA MCCOY,	Assistant to the Librarian
IRENE HENDERSON,	Assistant to the Librarian
JENNIE BUSHNELL,	Assistant to the Librarian

MARION HUME,	Assistant to the Librarian
JOHN A. WILSON,	Curator of the Museum
FRANK LEBOW,	Director of the University Orchestra
MARGARET STICKLER,	Matron of Charlton Cottage
F. P. FLETCHER	Caretakers of Buildings and Grounds.
MARK McCOY,	

Committees of the Faculty.

REGISTRATION,	Wilson, Shirk and Rosson
SCHEDULE,	
LIBRARY,	Chandler, Gordis and Foster
BIBLE STUDY,	Groner, Gordis and Shive
PUBLICITY,	Hill and Wann
ATHLETICS,	Wilson and Wann
BOARD OF RECOMMENDATIONS,	President, Foster, Wilson

Section II.—Historical Sketch.

Ottawa University is the result of missionary effort by Baptists among the Ottawa Indians. This was begun while they were in Canada; it was continued during their migration westward and after their settlement upon their reservation in one of the richest portions of Kansas. This work was carried on with enthusiastic devotion by Rev. Jotham Meeker and wife. The principal teachers among the Indians were Rev. John Tecumseh Jones, an Indian graduate of Madison (now Colgate) University, and his wife, Jane Kelly Jones, a native of Maine. At that time the Ottawas were occupying a reservation about twelve miles square in Franklin county. They had organized the First Baptist church of Ottawa, Kansas. As early as 1860 it had about one hundred members.

While this missionary and educational work was being carried on among the Indians, the white Baptists of Kansas, true to the traditions of the denomination which has always been the champion of higher education, had chartered the "Roger Williams University" and were discussing a location for it. The question of location came up at a meeting of the Baptist State Convention in Atchison in 1860. Rev. J. T. Jones was present as a delegate from the First Baptist Church (Indian) of Ottawa. He suggested that the white Baptists join with the Ottawa Indians in establishing a school on the reservation. The Indians had land that might serve as a basis for an endowment and the whites had money and teachers. A committee was appointed to confer with the Indians. They were found to be favorable and steps were taken to carry out the plan. Through the influence of Mr. Jones and this committee the matter was brought before Congress and an act was passed by which 20,000 acres of the reservation were set apart for the use of the institution of learning. The same act named a Board of Trustees consisting of four Indians and two whites. The first meeting of this Board was held August 20, 1862. It authorized the sale of 5,000 acres at \$1.25 per acre in order to establish the school. For the next two or three years it appears that the school was carried on and attended by quite a number of the Indian children.

In 1865 at the request of the Indians the name "Roger Williams University" was dropped and a new charter secured re-incorporating the school as Ottawa University. This charter was issued April 21, 1865, under the seal of William Tulloss, Probate Judge of Franklin county, to I. S. Kalloch, C. C. Hutchinson, John G. Pratt, J. T. Jones, James Wind, William Hurr, and Henry King. These men constituted

the first Board of Trustees and carried on the institution for a number of years under the dual management provided in the act of Congress granting them the land. For a variety of reasons this arrangement was not satisfactory to either of the races. In the adjustment of interests the Indians agreed to withdraw and leave the school entirely in the hands of the whites. It was agreed that the 640 acres retained by Ottawa University should be forever devoted to the purposes of education in Ottawa under the auspices of the Baptists of Kansas, that it should never be encumbered by mortgage and that the proceeds from the sale of any part of it should be used as an endowment. With this settlement of equities the history of Ottawa University begins. In 1873 the Board of Trustees was increased in number from six to twenty-four.

The school has passed successfully through all of the struggles of a growing college in the great West. Twice it has suffered the disaster of fire, but in all of its struggles it has been true to its trust. It has been served by some of the noblest men who have wrought in the West. Prof. M. L. Ward has given more than twenty-five years of most devoted service to it. Such men as Dr. P. J. Williams, Rev. Franklin Johnson, D. D., Rev. F. W. Colgrove, D. D., Dr. J. D. S. Riggs and others have each built a part of his life into the institution. The result is a school recognized throughout the state for its thoroughness in the scholastic branches and its wholesomeness in the moral and religious influences that permeate its students. The progress has been most rapid in recent years. The promise for the future is bright.

There are few schools that can look with greater satisfaction upon the young men and women who have gone out from its halls than can Ottawa University. They are in all vocations of life and reflect credit upon the institution where they were trained. Many of them are in the teaching profession, others are occupying some of the important pulpits in Kansas and other states, no fewer than ten are now or have been in foreign mission work, while a large body of them are helping to make the homes of our land. Such men as Rev. John Tecumseh Jones, who left the residue of his estate to the University, and those whose names have already been mentioned as well as many others have done a work that will be a permanent blessing to the world.

While the institution has been established, maintained and largely supported by Baptists, it is in no sense sectarian. It encourages Christian culture and a manly, genuine Christian life founded upon the Bible as the sole and sufficient authority in all matters religious. It teaches that a symmetrical character must include Christianity. It aims at thoroughness in all of the scholastic branches. Its equipment is up-to-date and its teachers keep up with the times in their subjects. As will be seen in the following pages it offers a variety of courses sufficient to furnish to students a broad culture as a basis for specific preparation for any vocation in life.

Incorporation.

The incorporation of the University is of the simplest kind, thus giving to the trustees the broadest scope for building an institution that will be in the largest degree beneficial to all concerned. The following documents are on record:

January 30th, 1865.

To the Honorable William Tulloss, Probate Judge of Franklin County:—

The undersigned resident freeholders, of the County of Franklin, desire to become a body corporate in accordance with an act to enable the trustees of Colleges, Academies and companies to become bodies corporate, passed by the Kansas legislature to establish, create and endow Colleges and Universities for the purpose of promoting education, religion, morality and agriculture and all incidental objects connected therewith. Such incorporation to be located in the town of Ottawa, county of Franklin, and State of Kansas and to be called and designated the Ottawa University; and pray for the selection of judicious, disinterested freeholders of the county and voters therein as appraisers, who shall proceed according to law to make a schedule and to appraise the true value in money of all such goods, chattels, lands and tenements, chose in action, rights and credits, and subscriptions, as the undersigned shall present to said appraisers and make returns thereof to the end that the undersigned may be incorporated as provided in said act, hereinbefore mentioned.

I. S. KALLOCH,
C. C. HUTCHINSON,
JAMES WIND,
JOSEPH KING,
WILLIAM HURR,
J. T. JONES,
JOHN G. PRATT.

County of Franklin,
State of Kansas

April 21, 1865.

To I. S. Kalloch, C. C. Hutchinson, John G. Pratt, J. T. Jones, James Wind, William Hurr and Joseph King, petitioners to this court for incorporation as Trustees of a College to be located in Ottawa, in said county, and to be "called and designated the 'Ottawa University'."

You are hereby notified that appraisers appointed by this court having returned an inventory and appraisal of property belonging to the said University, and the same being found to exceed in valuation the amount required by law, you are hereby authorized to act as a body corporate, as set forth in your petition, under the laws of the State of Kansas.

Witness my signature and the seal of said Probate Court,
Ottawa, this 21st day of April, A. D., 1865.

(SEAL)

WILLIAM TULLOSS,
Probate Judge.

The Present Condition.

ASSETS.

The assets of the University are easily worth a quarter of a million dollars. The endowment including all specified funds is over \$150,000. This is invested in first mortgages and real estate. With the exception of the campus of thirty-three acres and a few lots, the original grant of 640 acres has been sold. The University also holds the title to twenty-five acres situated near Turner, Kansas, received from Joahanna M. Lovelace of Turner, Kansas, as the nucleus of the Merrick K. Barber Memorial Fund. The income from the sale or use of this land will, when the matter is finally adjusted, be available for the purpose of ministerial education.

EQUIPMENT.

There are four buildings:

1.—**Science Hall**, the original college building, is a stone structure containing fifteen rooms devoted to lecture, laboratory and museum purposes. The building was originally built in 1869, burned in 1875 and rebuilt that same year. Since that time it has served the various needs of the school with periodic adjustments. At the present time it contains two laboratories for the study of chemistry, two laboratories for the study of biology, a laboratory for the study of bacteriology, lecture rooms, offices and the museum.

2.—**Charlton Cottage**, a dormitory for twenty-four young women. This building was erected as a result of the arduous work of Mrs. O. C. Charlton for whom it was named.

3.—**The Gymnasium** was erected some years ago. It has been greatly improved in recent years. While it is not all that we desire, splendid use is being made of it. It contains a large exercise room with basketball court, shower baths that were rebuilt recently, three dressing rooms with new lockers and a room for an attendant. It has recently been furnished with electric lights and raised seats.

4.—**University Hall** is a stone structure three stories in height. In size it is seventy-three by one hundred and fifty-two feet in outside dimensions with a width of ninety-five feet in the center. It contains the offices of the President and Registrar, two large fire-proof vaults, the chapel with nine hundred sittings, a physics laboratory, two society halls, thirteen recitation rooms, the library, rest-room for ladies, lavatories and coat rooms. The building is thoroughly furnished.

The **Conservatory** has its headquarters in the heart of the business section of the city. It is hoped that in the near future there will be a building for the Fine Arts Department on the campus.

The **Library** consists of over five thousand well selected books. The disastrous fire of 1902 burned the entire library. Every book in the present collection has been secured since that time. The Board of Trustees authorize the expenditure of several hundred dollars each year for books and magazines. Thus the library is steadily growing. The selection of books has been so made as to cover every department of instruction. In connection with the library there is a reading room in which the leading periodicals are to be found so that the students may keep in touch with the movements of the present time.

The **Laboratories** are six in number—two chemical, three biological and one physical. These are well equipped with modern apparatus essential for college work. Though rigid economy must be practiced in the conduct of the University, yet in these departments all apparatus and materials essential for first class work will be furnished.

The **Museums** are two in number. One in Science Hall containing biological and geological specimens and the other in University Hall is devoted to classical archeology and is housed in the rooms devoted to the study of the classical languages.

The **Art Studio** is located in University Hall. It is a well lighted corner room and excellent for its purpose.

It is the purpose of the management of the institution to keep strictly up-to-date in courses of study and equipment. Several new courses are added each year. Other courses are in mind and will be added as soon as they are required and funds will permit.

NEEDS.

Ottawa University has passed the period of struggle for existence. It is on a firm foundation and is here to stay. Its effort now must be to increase its efficiency.

Endowment.—This is the immediate need. The present effort to increase the productive funds \$100,000 is the largest movement of the kind that Kansas Baptists have ever undertaken. It will require some genuine self-sacrifice on the part of many people to accomplish this purpose. But it must be done, and very soon. The General Education Board of New York offers to give \$25,000 of this amount if the rest is secured. This is a generous offer that must be met. Now is an excellent time for those who are interested in Christian education to show that interest in a helpful way. \$25,000 will endow a chair that may be named for the donor and bear his name in perpetuity. This is a worthy monument. Now is the time to build it.

Science Building.—Within a very few years the University must erect a modern up-to-date science building. There is an excellent room for the study of Physics in the basement of University Hall, but more commodious and up-to-date rooms must soon be provided for Biology and Chemistry. This is another opportunity for some person to make a permanent investment that will be working for generations to come.

Gymnasium.—Sane athletics are necessary in order to develop the physical along with the mental and moral. It is difficult to do this without an adequate equipment. The building now used for this purpose was erected at slight expense for another object several years ago. It has been remodeled and furnished with some gymnastic assortment of books has been bought since that time. For its erection for that distinctive purpose would be a greater stimulus to the student body.

Library.—On September 10, 1902, the entire library burned. An excellent assortment of books has been bought since that time. For the coming years about one thousand dollars per year ought to be expended upon the library and reading room.

Annuities.—There are some persons who want to know that their funds will be used for a good purpose after they have passed away, but are dependent upon the income from these funds while they live. An annuity will be paid to such persons on condition that the funds be turned to the University. Others having real estate and not wishing to part with it may deed it to the University, retaining a life interest. The University now holds such a deed to a valuable tract of land near Kansas City.

Bequests.—What more effective memorial can be established than to provide means for the endowment of some department, the erection of a building, or doing some specific thing in behalf of Christian education? This is vastly better than a pile of granite in some cemetery. Bequests should be made in the following terms:

I give and bequeath to Ottawa University located at Ottawa, Franklin County, Kansas, the following property.....
to be used in the following manner, to-wit:

Section III.—General Information.

FACTS FOR NEW STUDENTS.

There are certain general facts that will be of particular interest to new students and those contemplating attending college.

The Location of Ottawa University is ideal for a college. Ottawa is the county-seat of Franklin county. It has a population of about eight thousand. It is known as one of the safest and best cities of the state, a city of strong churches and good schools where a "joint" cannot exist and no public pool halls nor bowling alleys are allowed. There is a Carnegie library that is placed at the disposal of citizens and students. Natural gas is used in a large number of homes and places of business for heating and lighting. There is also an electric plant. A new water plant has been built and is now in use. The city is located just fifty-eight miles southwest of Kansas City.

There are two railroad systems that reach the city. The main line of the Missouri Pacific from St. Louis to Colorado furnishes easy access to the city from the east and west. The Santa Fe system approaches the city from five different directions. The University campus of thirty-three acres is located in the south part of the city, a few minutes' walk from the railway stations. At the opening of the Fall Semester representatives of the Christian associations will meet the trains and assist the new students in every way possible to become located in suitable homes.

Expense is an important item with every student. A large majority of the students room and board with families in the vicinity of the University campus. In this way they come under the wholesome and restraining influence of home life. Room and board cost from \$2.50 to \$5.00 per week. Possibly a fair average would be \$3.50, though some students by close economy will reduce these expenses to \$2.00 per week. A list of approved rooms is kept in the University office. The teachers have a close watch-care over the homes in which students live.

The range of expenses for a year of thirty-six weeks may be indicated by the following table:

	Low.	Medium.	High.
Board and Room	\$90.00	\$126.00	\$180.00
Tuition and Incidental Fees	43.00	43.00	43.00
Books and Stationery	5.00	7.00	12.00
Totals	\$138.00	\$176.00	\$235.00

This does not include traveling, clothes, laundry or other general expense. That is about what the student makes it.

Charlton Cottage is a home for twenty-four young women. Board and room here may be had for \$3.50 to \$4.00 per week. Young ladies desiring to engage room and board in this dormitory are invited to correspond with the matron, Miss Margaret Stickler, before the opening of the Semester. The rooms in the Cottage are furnished, but students are required to furnish their own toilet articles and linen.

Self-Support.—Many students must do something to aid in making their way through school. The citizens of Ottawa are very thoughtful of the students and employ them whenever possible. The Christian associations act as employment agencies and secure employment for numbers of students. The ladies of the Educational Society co-operate in securing homes where a limited number of young women can work for board and room. Students who expect to support themselves in school should come to Ottawa about ten days before school opens so as to arrange for work before the University opens. The University cannot guarantee work to students, neither does it encourage any but strong students to try to earn their way while in school. The health and the regular college work must be first.

Aid.—Students for the ministry who have received the approval of the churches of which they are members and also of a committee appointed by the Board of Trustees, may expect to receive some aid from the income of endowment funds designated for that purpose and also from other designated funds. The amount of aid may vary from year to year according to the means placed at the disposal of the Board. In the past this amount has been sufficient to pay the tuition. We do not expect it to be any less in the future. There are about twenty endowment scholarships that are each good for the tuition of one person per year in the College, Academy or Business College. Some years a few of these are placed at the disposal of the President and are awarded to worthy students in some of the upper classes.

The Women's Educational Society has a fund from which loans are made without interest to worthy students who need some help in order to complete their college work.

Entrance.—Students who have completed the eighth grade in the public schools are admitted to the first year in the Academy without examination. Admission to any class higher than the first year in the Academy may be secured either by examination or by certificate. Examinations will be held in University Hall on the day previous to the opening of the Fall Semester. The certificate consists of a list of the subjects studied and the grades earned in schools previously attended. The statement must cover these facts: Subject studied, textbook, length of recitation, number of weeks, and grade earned. Blanks for this purpose can be secured by addressing the Registrar. Students presenting certificates from High Schools accredited by the University of Kansas will be given full credit for all the work that they have done, whether it be one year or four years' work. It simplifies the matter of entrance a great deal if these certificates are mailed to the Registrar of Ottawa University before the opening of the Semester. All students who present grades from unaccredited schools and who cannot satisfy the registration committee of the satisfactory quality of their work will be required to take the entrance examination in the subjects not approved. Candidates who present their grades by mail may learn in advance to what extent their grades will be approved. The registration committee will make every effort to deal in the fairest manner possible with every case.

Matriculation.—Every student, from whatever school he may come or into whatever school of the University he may desire to enter must first appear in the office of the President. There he must present a letter or certificate of good moral character, signed by his pastor or some responsible person, or in some way satisfy the President that he is a proper person to enjoy the privileges of the University. Then he will fill out a "Permanent Information Card" and receive a matriculation card signed by the President. From the President's office he will proceed to the registration committee of the school which he wishes to enter. This committee will, upon presentation of his matriculation card, issue to him an enrollment card bearing the names and numbers of the courses which he is to take during the Semester. The student will next present himself before the treasurer and pay his bills, whereupon the treasurer will receipt his bill and stamp his registration card. This card thus stamped must be presented to every instructor on entrance into the class.

It is difficult in a brief statement of this sort to meet every query that may arise in the mind of the prospective student. The University wishes to encourage those who are in doubt to ask questions. All correspondence will be promptly answered. Every effort will be made to assist in every way possible any young person who desires to secure an education.

STUDENT ORGANIZATIONS.

The student life at Ottawa is simple and democratic. Little if any of the friction arising from the clannishness of wealth or from social distinction exists, nor would it be tolerated if any attempt were made to introduce it. The school is co-educational, and the students, both male and female, move on a plane of entire parity, with little regard to wealth or social pre-eminence. The spirit of Ottawa is whole-souled, temperate, clean and Christian. The students are given the largest liberty consistent with first class work in the formation and conduct of their organizations. These organizations differ from year to year in some degree. At the present time student life is manifest in these organizations.

Student Council.—During the past year there has been organized by the entire student body the Student Council to manage certain student enterprises. This council is composed of eleven members, four from the College, three from the Academy and four from the student body at large. Local and state oratorical contests, inter-collegiate debates and the Campus are managed by this Student Council. This gives each student something to say in the management of all those enterprises that concern the entire student body.

The Campus.—This is a weekly paper issued by the students during the school. Previous to this year it was issued once a month. It has proven remarkably successful. The editor and business manager are elected by the student body under the direction of the Student Council.

Oratorical.—The Student Council provides for a local oratorical contest each year. The winner in this contest represents the University at the State Oratorical Contest. Ottawa has maintained a high place among the colleges of the state in this phase of its work. This year the state contest was held in Ottawa and Miss Corrinne Stephenson represented Ottawa University. She ranked third among the nine speakers.

Debates.—Two inter-collegiate debates were held this year under the direction of the Student Council, one with a team from Southwestern College, Winfield, and the other with Washburn College, Topeka. These furnish very valuable practice for students who are looking forward to public life.

Athletic.—The student body is enthusiastically in favor of clean athletics. The Student Council directs the foot-ball, basket-ball, and baseball teams and the track athletics. The teams have given a splendid account of themselves this year under the efficient coaching and management of Mr. Norman G. Wann. There are several tennis courts on the campus that are in use during the season.

Literary.—The Philaethean and Olympian Literary societies en-

gage the students in voluntary literary work. Their membership is drawn from all departments of the University. Each society has a beautiful hall in which weekly meetings are held. The faculty sustains only an advisory relation to these societies.

Christian Associations.—The two Christian associations take a leading place in shaping the student life. Each association—Y. M. C. A. and Y. W. C. A.—holds a regular devotional meeting at 3:15 o'clock Sunday afternoons. On the first Sunday of each month a union missionary meeting is held. Bible study classes are maintained by each association. Mission study classes are held by the societies jointly.

Orchestra.—The College Orchestra is one of the most prominent and unique student organizations. It assists in the daily chapel exercises, gives occasional concerts at home and also in neighboring cities. This year concerts have been given in Ottawa, Waverly, Wamego, Topeka, Garnett, Wellsville.

Ministerial.—Under the direction of Prof. E. K. Chandler the students who have the ministry in view have banded themselves together and meet once per week to consider topics that are of special interest among themselves. Occasionally some member of the faculty or some one from out of the city is invited to address this body. It has proven very effective.

Volunteer Band.—Those students who are looking forward to foreign missionary work meet each week to study some phase of the great work in which they expect to enter. There were eleven in this Band this year.

English Club.—The English Club is an honorary organization, membership to which is limited to those students who do creditable work in the department of English. The Club meets on the first Wednesday evening of each month, at which time the study of the life and works of some author is taken up, or some prominent man is secured to lecture.

Pedagogical Club.—The Pedagogical Club is a recently organized society, composed mainly of the students in the Department of Pedagogy. The purpose of the Club is to afford opportunity for the discussion of educational topics of current interest, based upon articles in the various pedagogical journals and reviews of educational books. At convenient intervals, the Club will invite prominent educators of the state to address them on matters of general educational interest. It is hoped by this means to foster a professional spirit among the students who are fitting themselves for work as teachers.

Science Club.—The Science Club was organized recently for the purpose of studying current topics in the realm of Chemistry, Physics, Biology, and Engineering. Papers and lectures are presented

by the members for general discussion. It is the purpose of the Club to invite members of the faculty and other scientific specialists to present occasional lectures. Regular meetings are held once each month. The membership is made up of the instructors in the departments interested, and all collegiate students who have completed with good standing, a required number of hours of work in any of the above named departments. Much interest is manifested, and the meetings are well attended.

GOVERNMENT.

The government of the University aims to secure the highest type of self-reliant manhood and womanhood. There are the fewest regulations possible consistent with this purpose. Practically there is but one rule to govern the conduct—that each student shall conduct himself or herself in a gentlemanly or lady-like manner at all times. There has always existed the most kindly relation between the faculty and students. For the purpose of continuing this helpful relationship the faculty has established the following regulations, which are subject to change without notice.

Grades.—A rule to be followed in grading students in the various schools of the University:

“A” shall indicate “excellent work.”

“B” shall be applied to “good work.”

“C” shall be used to indicate “fair work” of approximately passing grade.

“D” shall denote a “conditional failure,” which may be made up by special examination or otherwise.

“F” shall indicate “total failure,” work to be done again.

A statement of the grades is sent to the parents or guardians at the middle and the close of each Semester.

Absences.—1. Each student is expected to be present at all the exercises of the classes in which he is registered.

2. Each student who is absent for any reason whatsoever shall confer with the instructor not later than the first day he is present after such absence, about making up the work covered during the absence.

3. Each student is expected to be present at every chapel exercise unless excused by the president. Any student absent more than seven times without being excused will be required to do extra work in the subject in which he ranks the lowest.

Deficiencies.—Rules applying to students who without satisfactory reasons fail in their studies, are as follows:

A. Any student who in any Semester fails in eight or more hours of his work, shall lose his regular standing, and shall be classed as a special student until the work is satisfactorily made up.

B. Any special student who in any Semester, without thoroughly satisfactory reasons shall fail to do creditable work in the courses for which he is registered shall be suspended from the privileges of the University.

Special Examinations.—Students entering the College or Academy for the first time, and wishing to remove entrance conditions or obtain advanced standing on examination shall within one month from matriculation apply to the Registrar and to the instructor concerned for the privilege of taking such examinations.

Conditional failures must during the succeeding Semester be either removed or otherwise arranged for with the instructor concerned.

Any student, who either through failure, conflict of the schedule, or other reasons is unable to take a subject with a class, if the instructor concerned considers it feasible, may, upon vote of the faculty, be accorded the privilege of pursuing the subject outside the class. He must then, after such approval has been granted, obtain from the instructor a plan of study for the subject more extended than that pursued by the class, and pass with a grade of at least B a thorough examination in the subject. For every such examination taken, the candidate must pay to the treasurer a fee of two dollars, and no examination will be given except on presentation to the examiner of a receipt showing payment of the fee for the proposed examinations.

Athletics.—A rule relating to athletic and other contests in which students of the University may engage:

A. No student shall be permitted to take part in any contest as a representative of Ottawa University, who shall not have paid, or satisfactorily arranged for, his full tuition for the Semester in which the contest takes place. No official or student of the University shall be permitted to act as surety in such cases.

B. No student shall be permitted to take part in any public contest as a representative of Ottawa University who is not registered for twelve or more hours of classroom work each week, and who is not maintaining a creditable standing in all the work for which he is registered. Creditable standing shall be interpreted to mean a class grade of C or more, maintained during the three weeks immediately preceding the contest.

C. The chairman of the Athletic Committee shall in every case examine into the qualifications and standing of each candidate not

less than forty-eight hours before the contest, and if the candidate proves unqualified, he shall be debarred from the contest.

D. The function of the University Athletic Committee shall be extended to cover all organizations appearing in public contests of any kind whatsoever.

Ottawa University belongs to the Kansas College Athletic Conference. These rules are formulated in harmony with the actions of that Conference.

Excess Work.—No college student will be allowed to carry more than sixteen hours of recitations per week during the first Semester in residence. If during that Semester or any subsequent Semester he makes a standing of A in all of his subjects he may, during the semester immediately following, take two hours additional in the College or four hours additional in the Academy with the consent of the registration committee.

Careful records are kept by the University from which each student's character for punctuality and efficiency can be ascertained in years to come. Records are being made that may materially affect a person's opportunities for promotion in the future.

Expenses.—It is believed that a good College education can be secured here as cheaply as anywhere in the West, and much more reasonably than in many institutions. The regular University charges in the College and Academy are these:

Tuition,	per Semester	\$18.00,	per year	\$36.00
Incidentals,	per Semester	2.00,	per year	4.00
Library Fee,	per year	1.00		
Athletic Fee,	per Semester	1.00,	per year	2.00
Total				\$43.00

For the charges in the School of Fine Arts and the Business College see the description of those departments. The charges for students registering for three hours or less will be eight dollars per Semester; for a student registering more than three hours and less than twelve, \$1.50 for each hour in addition to the fees. All of these charges are payable in advance.

Laboratory Fees.—In addition to the foregoing charges a fee is also charged for materials used in experimentation in certain courses. The schedule of charges at the present time is as follows:

Bacteriology	\$3.00
Botany all courses, each	3.00
Biology I and II, each	3.00
Chemistry I and II, each	4.00
Chemistry III and IV, each	5.00

Chemistry V, VI and VII, each	4.00
Cytology	5.00
Histology I and II, each	3.00
Psychology, second Semester	1.00
Physics, all courses, each	3.00
Physiology I and II, each	2.00
Physiology III,	5.00
Physiography A and B, each	1.00
Surveying,	2.00
Zoology, all courses, each	3.00

These fees are subject to change without notice by the Board of Trustees, though it is certain that no very marked change will be made in the near future.

In case of withdrawal from the University owing to illness or other necessary and unavoidable causes a non-degotiable credit slip will be issued to the student for the unconsumed tuition still due him. He or any other member of the family may use this credit in partial payment of any subsequent Semester's tuition. If unable to re-enter school, the student may make a cash settlement, but in all cases the entire incidental fee will be retained. Laboratory fees cannot be reclaimed after the second day of the Semester.

Diploma Fees.—For every degree conferred by the College of Liberal Arts and by the School of Fine Arts a diploma fee of five dollars is collected. For diplomas where no degree is conferred, a fee of two dollars is charged.

The fee for a diploma when the Master's degree is conferred is five dollars.

SCHOLARSHIPS.

Some of the generous friends of the University have provided scholarships for worthy students. In some cases this scholarship provides for the tuition, term bills and some small amount besides. In other cases it provides for tuition only. There is need of a number of such scholarships. One thousand dollars placed in the hands of the Trustees will provide for the tuition and term bills for one student each year.

Rev. John Tecumseh Jones Fund.—There was derived from the estate of the Rev. John Tecumseh Jones, one of the founders of the institution, \$5,387.45, the income for which is applied upon the tuitions of students for the Baptist ministry.

The Slocomb Fund.—By the will of the late H. O. Slocomb, of Chalk Mound, Kansas, the residue of his estate, one thousand dollars, forms a perpetual fund, the interest of which is annually applied upon the tuition of Baptist ministerial students.

The Fern Willis Scholarship Fund.—In memory of his daughter, Fern, Mr. A. Willis, for many years a member of the Board of Trustees of Ottawa University, has deposited with the treasurer of the University the sum of one thousand dollars, to form a trust fund. The income from this fund shall be used each year to assist in defraying the expenses of a young woman of moderate or humble circumstances who shall be a graduate of the Ottawa High School. The choice of such person will be made by a committee composed of the Board of Education of the City of Ottawa, the Superintendent of the schools of Ottawa, and the Pastor of the First Baptist church of Ottawa. Preference will be shown to a young woman whose class standing is high and who is a member of a Baptist church. If the beneficiary of this scholarship proves worthy, the benefits will be extended throughout her entire college course.

Endowment Scholarships.—There are twenty-one scholarships that were sold a few years ago to increase the endowment funds of the University. These are good for tuition only in any of the schools except the School of Fine Arts. Some of these are placed at the disposal of the faculty each year. We cordially invite the holders of these scholarships to allow the president or faculty to award them to worthy students. At the present time the following endowment scholarships are in force:

1. The Octavia Reed Scholarship established by Mrs. Octavia Reed, of Louisburg.
2. The Harriet Chase Scholarship by Mr. J. S. Tyler, of Fairview.
3. The James M. Chase scholarship by Mr. L. E. Chase, of Hiawatha.
4. The Luceba M. and William F. Holroyd Scholarship by Mr. W. F. and Miss L. M. Holroyd, of Cedarvale.
5. The John Nelson scholarship by Mr. John Nelson, of Ottawa.
6. The Abigail Bevington Scholarship by the late Mrs. Abigail Bevington, of Iola, now owned by Mrs. S. A. Ellis, Iola.
7. The Simeon Cole Scholarship by the late Mr. Simeon Cole, of McLouth, now owned by Dean Boyd, McLouth.
8. The Peter and Matilda Bolinger Scholarship by Rev. Peter Bolinger, of Bogue.
9. The Pearl B. Kellogg Scholarship by D. D. Kellogg, of Kellogg, Kansas.

10. The Robert W. and Margaret A. Black Scholarship by Mr. R. W. Black, of Elgin.
11. The Augustus S. Thompson Scholarship by the late Mr. A. S. Thompson, of Cherryvale.
12. The Harry W. and Jennie M. Grass Scholarship by Mr. H. W. Grass, of LaCrosse.
13. The Cordelia Russell Scholarship by Mrs. Cordelia Russell, of Derby.
14. The William W. and Louisa D. Loveless Scholarship by the late Mr. W. W. Loveless, of Marion.
15. The Theodore F. and Cynthia E. Bradbury Scholarship by the late Mr. T. F. Bradbury, of McPherson.
16. The James P. and Sallie D. Hall Scholarship by Mr. J. P. Hall, of Medicine Lodge.
17. The Stephen L. and Alice Umberger Scholarship by the late Mr. S. L. Umberger, of Larned.
18. The William H. and Lois N. Parish Scholarship by Mr. W. H. Parish, of Leoti.
19. The Abraham C. and Eliza F. Miles Scholarship by Mr. A. C. Miles, of Conway Springs.
20. The C. L. and C. G. Kinney Scholarship by C. L. and C. G. Kinney, of Newton.
21. The B. A. Tweedy Scholarship by B. A. Tweedy, of Hewins.

University Scholarships.—Ottawa University in common with the other Christian Colleges of Kansas, offers each year as a reward for superior accomplishments, a scholarship granting free tuition for one year in the Academy, or College, to that student in the graduating class of any grade school, high school or academy in Kansas, or the contiguous territory, who shall rank highest in his class, and who desires to continue his education. Blanks for this purpose may be secured from the principal or teacher of the local school; or if a blank has not been deposited, a copy will be sent on receipt of the name of the principal or superintendent in charge of the school involved.

Women's Loan Fund.—Some of the women of the state who are especially interested in higher education have provided a small loan fund which is loaned without interest to worthy students. While the Women's Educational Society that has charge of this fund is in a sense a local organization, its contributors extend throughout the whole state. Any woman may join the organization by paying one dollar annually.

PRIZES.

A number of prizes are offered from year to year for excellence in specific lines of work. The prizes for the current year are as follows:

The Dobson Prizes, amounting to ten and five dollars respectively, the gift of Mr. A. Dobson, of Ottawa, are awarded to the two members of the Junior Class who excel in the preparation and delivery of original orations. The contest is held during commencement week.

The contestants must be chosen by a preliminary contest if necessary, not later than April 15th. Each oration must be approved by the department of English at least four weeks before the first contest.

The Kinney Prizes, the first of ten and a second of five dollars, are given by Mr. Don Kinney, of Newton, Kansas, to the two members of the Sophomore Class who write the best and the second best essays upon one of the several subjects assigned by the faculty. Each essay must contain from 1,800 to 3,000 words, and three copies of it must be handed to the head of the department of English on the fifteenth of April.

The class of 1912 will write on the following subjects:

1. A Comparison of the Jew in "The Merchant of Venice" and "The Jew of Malta."
2. Influence of the American Revolution upon the French Revolution.
3. The Taxation Problem.
4. Galileo's Influence upon Physical Science.
5. Greek Influence in Roman Education During the First Centuries of the Christian Era.
6. The Evolution of Bryophytes.
7. The Literary Phenomena of the Sixteenth Century in German Literature.
8. Estimates, New and Old, of Nero, Agrippina, and Seneca.
9. Comparison of Greek and Roman Costumes.
10. The Rise of Old Testament Prophecy.

The Freshman Latin Prizes.—The First National Bank of Ottawa gives a first prize of ten dollars, and Mr. C. L. Becker, a citizen of Ottawa, a second prize, consisting of the Latin text books used in the Sophomore Class of the following year, to the Freshmen who rank respectively first and second in the Latin work of the year.

The McWharf Chemistry and Physics Prize Medals.—Dr. J. M.

McWharf, as a memorial to his son Raymond, offers a gold medal to that student of the Freshman Class whose standing in Chemistry for the year is the highest, and another to that member of the Sophomore Class who attains the highest grade in Physics. These prizes are awarded on Commencement Day.

The Atkinson Rhetorical Prize.—At the Commencement of 1903, it was announced that Mrs. Margaret Atkinson, a warm friend and supporter of the University throughout its history, would give, beginning with 1904, a prize of twenty-five dollars to that member of the graduating class each year who has made the best grades in rhetorical work during the four years of the college course. Soon after making this offer, Mrs. Atkinson was called to her eternal reward, but her son, Mr. James Northrup Atkinson, (A. B., 1898, B. S., 1900, A. M., 1903), appreciating the spirit which prompted the offer mentioned, and desirous of carrying out the wishes of his mother, generously volunteered to continue the prize as a memorial. The awarding of this prize will be determined by proficiency in Freshman declamation, Sophomore essay, Junior oration and Senior thesis.

The Freshman Declamation Prizes.—Prizes amounting to ten and five dollars are awarded to Freshmen who excel in declamations.

Section IV.—The College.

THE FACULTY.

SILAS EBER PRICE, D. D., President.
Professor of Biblical Literature.

MILAN L. WARD, A. M., D. D.,
Professor of Mathematics (Emeritus).

EDWARD K. CHANDLER, D. D.,
Professor of History and Economics.

WILLIAM B. WILSON, M. S.,
Professor of Biology.

WARREN S. GORDIS, Ph. D.,
Professor of Greek and Latin.

MURRAY G. HILL, A. M.,
Professor of English.

JAMES A. G. SHIRK, M. S.,
Professor of Mathematics and Physics.

HERBERT H. FOSTER, Ph. D.,
Professor of Philosophy and Pedagogy.

JOHANNA M. PIRSCHER, Ph. M.,
Professor of German and French.
Dean of Women

OREL S. GRONER, A. B.,
Professor of Chemistry.

MERLE M. MOORE,
Assistant in Chemistry.

JAMES T. ROSSON,
Instructor in Mathematics.

REQUIREMENTS.

There are five groups of study offered, each four years in length, each leading to a baccalaureate degree. These degrees are Bachelor of Arts, Bachelor of Science, and Bachelor of Philosophy. In each of these groups there is a certain amount of work required and a certain amount elective. A total of one hundred and twenty-six semester hours of approved work must be taken in order to complete any one of these groups. These groups are arranged so that during the first two years the student may gain a general acquaintance with the various fields of knowledge. During the second two years he may gain a more intensive acquaintance with some one field. To accomplish this purpose the work during the Freshman and Sophomore years is mostly required, during the Junior and Senior years it is largely elective.

Two of the groups leading to the degree of Bachelor of Science are preparatory to professional courses in engineering and medicine. Of necessity almost all of the work in these groups is prescribed because it pertains distinctly to the professions in view.

These groups are formed after very careful thought and study on the part of persons who have made this particular work a life study.

ADMISSION.

In harmony with the other accredited colleges in Kansas, Ottawa University requires fifteen units for unconditional admission to the College of Liberal Arts. Students presenting twelve units will be entered conditionally with the understanding that the three units lacking will be made up during the first year. It is required that fifteen units must be selected from the schedule herewith presented. (A unit as here used is a subject pursued for thirty-five weeks in an accredited High School or Academy with recitation periods aggregating each week not less than two hundred minutes.)

THE SCHEDULE OF ADMITTED UNITS.

GROUP I.....	{	English, four units
English.		
GROUP II.....	{	Latin, four units.
Foreign		Greek, three units.
Languages.		German, three units.
		French, three units.
GROUP III.....	{	Greek and Roman, one unit.
History.		Mediaeval and Modern, one unit.
		English, one unit.
		American, one unit.
		Economics, one unit.

GROUP IV..... Mathematics.	{	Elementary algebra, one and one-half units.
		Plane geometry, one unit.
		Solid geometry, one-half unit.
		Plane trigonometry, one-half unit.
		Advanced algebra, one-half unit.
GROUP V..... Physical Science.	{	Physical geography, one unit or one-half unit.
		Physics, one unit.
		Chemistry, one unit.
GROUP VI..... Biological Science.	{	Botany, one unit.
		Zoology, one unit.
		Physiology, one unit or one-half unit.

Students completing the course of study in the Academy of Ottawa University are admitted upon presentation of their diplomas. Students from accredited high schools or academies are required to present a certificate signed by the head of the school stating in detail the amount of work done. Blank certificates for this purpose can be had by addressing the president.

Students coming from schools not fully accredited are advised to bring a complete statement of all the work that they have done including text books used, length of time spent on each subject, note books, etc. Each such case will be settled upon its own merits. Examinations will be required only in cases where it is not clear that the work has been up to the standard. In no case except the Academy of Ottawa University will it be sufficient to present a diploma. Credits given upon certificates are conditional and may be withdrawn if the work of the student shows his preparation to have been superficial.

The requirements for admission to the courses leading to the degrees of Bachelor of Arts or Bachelor of Philosophy are as follows:

Latin	4 units	Biological Science.....	1 unit
English	3 units	History	1 unit
Algebra	1½ units	Physical Science	1 unit
Plane Geometry	1 unit		

The requirements for admission to the Scientific course are as follows:

Latin or German.....	3 units	Solid Geometry	½ unit
English	3 units	History	1 unit
Algebra	1½ units	Physical Science	1 unit
Plane Geometry	1 unit	Biological Science	1 unit

The requirements for admission to the Pre-Medical course are as follows:

English.....	3 units	Algebra	1½ units
Foreign Languages, 3 units, Latin or German			
Plane Geometry	1 unit	Biological Science	1 unit
Physical Science	1 unit	History	1 unit

The requirements for admission to the Pre-Engineering course are as follows:

Algebra	1½ units	English	3 units
Plane Geometry	1 unit	Physics.....	1 unit
Solid Geometry	½ unit		

Foreign Language—may be French or German or Latin or Spanish, 3 units of one or 2 units of any one, and one of any other—3 units. Manual training, 1 unit. Optional.

In all these courses the remainder of the fifteen units must be elected from the schedule of admitted units given on pages 31 and 32.

ACCREDITED HIGH SCHOOLS AND ACADEMIES.

Ottawa University admits students upon the same general scholastic conditions that obtain in the first class colleges and Universities. Courses of study in the following High Schools and Academies have been approved by us or Kansas University as indicated at the heading of each list. Work done in these schools in subjects in any of the foregoing groups will receive full credit for admission to the College of Liberal Arts.

CLASS I.

Schools found in this list are fully accredited.

NAME OF SCHOOL	SUPERINTENDENT	PRINCIPAL
Abilene	W. A. Stacey, B. S.....	J. A. Redfield, A. B.
Alma	E. B. Gift, A. B.	
Altoona	H. C. Duckworth.....	Jennie Salisbury
Anthony	J. H. Clement, A. B.	T. E. Wilson, A. B.
Argentine	H. P. Butcher, A. B., Minnie Oliverson, A. B.	
Arkansas City	John F. Bender, A. B., J. W. Murphy, A. B.	
Atchison Co., Effingham		E. H. McMath, A. B.
Atchison	N. T. Veatch.....	A. H. Speer, A. B.

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NAME OF SCHOOL	SUPERINTENDENT	PRINCIPAL
Attica	P. N. Heck	
Augusta	Charles W. Pratt	
Axtell	S. L. Soper, A. B.	R. T. Kersey, B. S.
Belleville	G. W. Kleihege, B. S.	W. A. Cain
Beloit	J. O. Hall, A. B.	T. P. Downs
Blue Rapids	C. C. Brown, M. A.	H. W. Cornell, A. B.
Bonner Springs	Herman Pfeifer, A. B.	
Bronson	C. M. Smith	Mrs. C. M. Smith
Burden	N. H. Bartlett, B. S.	
Burlington	Inez M. Chapman, A. B.	
		Maud G. Neyhart, A. B.
Burlingame	C. A. Deardorff, M. A.	Grace Brigham, M. A.
Burrton	H. J. Davis	Helen Kinzer A. B.
Caldwell	D. C. Porter, A. B.	Josephine Hoge
Chanute	Homer S. Myers, M. A.	J. A. Cannon
Chase Co., Cotton-		B. F. Martin
wood Falls		
Chelsea H. S., Kan-		W. J. McCarthy, L. L. B.
sas City, Kans.		
Cheney	C. A. Mahin	
Cherokee Co., Col		M. L. Catlett
umbus		
Cherryvale	H. D. Ramsey	N. A. Baker
Clay Co., Clay Center,		E. B. Allbaugh
Clyde	C. M. Ware	Mabel G. Feely, A. B.
Coffeyville	Wm. M. Sinclair	Chas. D. Ise, M. A.
Concordia	A. F. Senter, B. S.	Roy Green, B. S.
Council Grove	S. D. Dice, A. B.	Lillian M. Hawkins
Crawford Co., Chero-		W. S. Pate
kee		A. I. Clow, A. B.
Decatur Co., Oberlin,		
Dickinson Co., Chap-		J. P. Perrill, B. P.
man		
Dodge City	S. V. Mallory, A. B.	J. E. Coe, A. B.
Douglass	J. E. Cook	John Hill, A. B.
El Dorado	Warren Baker	C. F. Smith, B. S.
Ellsworth	O. J. Silverwood, A. B.	C. O. Getty, A. B.
Emporia	L. A. Lowther, A. B.	C. A. Wagner, A. B.
Enterprise Normal		
Academy		John P. Koeller, M. A.
Eskridge	C. H. Landrum, M. A.	Pearl Sanford, A. B.
Eureka	W. S. Robb	B. A. Green, Ph. B.
Fort Scott	D. M. Bowen	J. B. Stokesberry, A. B.
Franklin H. S., Kiowa,		Olla Cramer
Frankfort	M. G. Kirkpatrick	J. J. Fowler
Fredonia	C. F. Daugherty, B. P.	W. I. Matthews
Galena	L. T. Huffman	R. R. Cook, A. B.

OF OTTAWA UNIVERSITY.

NAME OF SCHOOL	SUPERINTENDENT	PRINCIPAL
Garden City	G. E. Brown	E. J. Dumond
Garnett	C. H. Oman, A. B.	Bessie Kilbourn, A. B.
Girard	H. W. Shideler, A. B.	Mabel Winger, A. B.
Gove Co., Gove		F. E. Lindley
Great Bend	D. F. Shirk, A. B.	
Greenleaf	L. P. Wharton, B. S.	Christina Nelson, B. L.
Halstead	C. O. Smith	E. P. Young, B. S.
Harper	A. L. Stickel, M. A.	Margaret Howes
Herington	A. J. McAllister, B. S.	Imri Zumwalt, A. B.
Hiawatha	George G. Pinney, A. B.	
		Raymond Taylor, A. B.
Hiawatha Academy		G. A. Hoffman
Hoisington	C. E. Cannon	Virginia E. Coleman, A. B.
Holton	H. H. Van Fleet, A. B.	H. W. Gowans, B. S.
Howard	H. I. French	Anna S. Lees
Humboldt	A. I. Decker, B. S.	W. L. Good
Hutchinson	Richard R. Price, M. A.	
		W. C. Hutchinson, A. B.
Iola	L. W. Mayberry, A. B.	L. H. Wishard
Junction City	W. S. Heusner, M. A.	S. J. Butts, M. A.
Kansas City	M. E. Pearson, B. D.	J. M. Winslow, M. A.
Kingman	A. W. Ault, A. B.	Charles A. Hall, A. B.
Kinsley	D. A. Baugher	
Labette Co., Altamont,		I. M. Wood, B. S.
La Cygne	D. E. Conner	Junia Frazier, Ph. B.
La Harpe	A. J. Baker	F. M. Haynes
Lane Co., Dighton		
Lawrence	F. P. Smith, M. A.	F. H. Olney, A. B.
Leavenworth	George W. Kendrick	Belle Wittrock
Le Roy	A. M. Hambleton, M. A.	
		Anna Van Vickie, Ph. B.
Lewis Academy,		
Wichita		R. S. Lawrence, M. A.
Lincoln	R. E. Long	Mary B. Nelson
Lindsborg	I. C. Meyer	
Lyndon	J. E. Watson, A. B.	Jesse Lamb, A. B.
Lyons	T. A. Edgerton, B. P.	Louis Ringwalt, B. P.
Mankato	F. W. Simmonds, M. S.	Maud Hulse, B. Ph.
Marion	C. E. St John	Clara Morris
Marysville	C. A. Strong	L. N. Wilson, A. B.
McPherson	C. W. Kline, A. B.	Clinton Wright
Medicine Lodge	D. W. Major, A. M.	Annie E. Bell Ph. B.
Minneapolis	D. O. Smith, B. S.	Benjamin S. Hill, A. B.
Montgomery Co.,		
Independence		S. M. Nees, B. S.
Moran	J. W. Brown, L. L. B.	Hattie B. Maupin, A. B.
Neodesha	J. M. Steffen	Bessie G. Ryan

NAME OF SCHOOL	SUPERINTENDENT	PRINCIPAL
Newton	L. J. Hall.....	S. N. Pett, A. B.
Norton Co., Norton		H. H. Gerardy
Oakley	Maurice L. Smith	
Olathe	R. L. Parker.....	W. G. Eisenman, Ph. B.
Osage City	E. C. Hackney.....	Lambert Eidson, A. B.
Osawatomie	Floyd B. Lee.....	Frank McCune, A. B.
Osborne	R. K. Farrar, B. S.	
Oswego Academy, Oswego		
Ottawa	A. L. Bell, M. A.....	R. E. Gowans, A. B.
Paola	F. K. Ferguson, B. S.,	C. H. Hopworth, Ph. B.
Parsons	J. A. Higdon.....	Louise M. Schaub
Peabody	W. D. Ross.....	Daisy A. Spillman, A. B.
Pittsburg	A. H. Bushey, A. B.	
		Robert E. Hartsock, B. S.
Plainville	G. A. Brown.....	Belle Lunden, B. S.
Pratt Co., Pratt		E. H. Ellsworth, M. A.
Rawlins Co., Atwood,		C. W. McCormick, A. B.
Reno Co., Nickerson.....		E. B. Smith, M. A.
Rosedale	George E. Rose, B. S.,	Ava Douthart, A. B.
Rossville		
Russell	N. U. Spangler.....	Nellie F. Thomas
Sabetha	Geo. T. Beach, M. A.....	J. W. Jones
Salina	John Lofty, A. B....	W. E. Pettibone, A. B.
Sedan	H. G. Adams, B. S.....	Ethel M. Childers
Sedgwick	Robert N. Halbert, Ph. B.,	
		Muriel E. Finn, A. B.
Seneca	R. G. Mueller, A. B..	Pearl McCurdy, Ph. B.
Sheridan Co., Hoxie.....		H. C. Jent
Sherman Co., Goodland		E. E. Mitchell, Ph. B.
Smith Center	T. H. Hooper, A. B.....	Rose E. Hadden
Southern Kan. Acad. Eureka		James F. Eaton, M. A.
Stafford	E. C. Kittell.....	Henrietta Hall
Sterling	George L. Seeley, A. B.....	
		Jeanette M. Inches, Ph. B.
St. John	Charles M. Hilleary..	Joseph H. Byers, A. B.
St. John's Military Aca- demy, Salina	Rev. Wm. N. Colton, A. B.	
St. Mary's Acad. Leavenworth		
Sumner Co., Welling- ton		W. C. McCroskey, A. B.
Sumner H. S., Kan- sas City, Kans.....		
Thomas Co., Colby		J. E. Chamberlain
Tonganoxie	Wm. G. Gambill	

NAME OF SCHOOL	SUPERINTENDENT	PRINCIPAL
Topeka	L. D. Whittemore, M. A..	H. L. Miller, A. B.
Trego Co., Wa Kee- ney		J. H. Niesley, A. B.
Troy	C. S. Hambleton.....	H. E. Brock
Valley Falls	Harry McGuire.....	Maud Myers
Walden Academy, Mcpherson		
Wamego	J. P. McCoy.....	Nellie C. Terrill
Washington	W. D. Vincent, A. B.....	J. F. Lewis, A. B.
Waverly	Z. E. Wyant.....	Charlotte Lewis
Wichita	R. F. Knight, Ph. B....	I. M. Allen, L. L. B.
Winfield	John W. Spindler, A. M..	J. W. Gowans, A. B.
Yates Center	I. C. Gregory, A. B.....	Grace Melton, B. P.

CLASS II.

Schools listed in Class II may fall short of full preparation by not more than three units.

NAME OF SCHOOL	SUPERINTENDENT	PRINCIPAL
Alta Vista	L. B. Burt.....	Anna G. Crouch
Alden	H. H. Hildebrand, B. S....	Stella Dougherty
Beattie	C. Kraemer	Elnora Stevenson
Belle Plaine	Clarence Pearson, A. B.,	Grace B. Muce, A. B.
Blue Mound	A. E. Lunceford	M. Ellen Dingus, B. S.
Brookville	T. J. Rollman.....	Winifred Martin
Caney	R. Rankin.....	F. R. Aldrich, A. B.
Canton	W. H. Wolfe, A. B....	Luela Warren, A. B.
Carbondale	E. L. Heilmann.....	Mary M. Baird
Cawker City	John Groendyke, B. S..	Euna A. Smith, A. B.
Cedar Vale	O. D. Coover.....	Ada McClellan, A. B.
Centralia	E. C. Farrar.....	Ethel Keller, A. B.
Clearwater	R. M. Crum.....	Pauline Pampel
Clifton	E. C. Montgomery, A. B.....	
		Stella Wangerein, A. B.
Colony	John B. White....	Grace Sutherland, Ph. B.
Coolidge	Arthur E. Solter, A. B.	
Delphos	H. W. Felter	Margaret Johnson, A. B.
Dixon Twp., Argonia..	A. G. Tritt, A. B.....	Mr. Reece, A. B.
Downs	A. B. Dillon.....	Maud L. Soult
Edwardsville	E. L. Thompson, A. B.	
		Katherine Schloz, A. B.
Ellinwood	H. E. Powers.....	Miss H. J. Minnis
Ellis	B. E. Ford, B. S.....	E. M. P. Hoar, A. B.
Elwood	B. G. Thayer.....	Anna Johnson
Enterprise	H. B. Hungerford.....	Agnes E. Ekblad

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NAME OF SCHOOL	SUPERINTENDENT	PRINCIPAL
Erie	F. L. Pinet.....	Mary Roseberry
Eudora	Charles Kelly.....	Mabel Beard, A. B.
Florence	H. E. Clemell.....	Gertrude Doid
Gas	Thomas E. Osborn.....	Leota Lieurance
Glen Elder	R. L. Hamilton.....	Lulu Walton, A. B.
Gray Co., Cimarron.....	O. B. Melia.....	Mabel I. Shoup
Gypsum	Claude E. Tilford.....	Clara Speckman, B. P.
Hartford .....	.....	Anna H. Brogan
Harveyville	L. S. Runnels.....	Maude Marshall, A. B.
Hays	Lee R. Light.....	Annie P. Hopkins
Hill City	F. E. Brown.....	Mary Davidson
Hillsboro	A. B. Cope, M. A.....	Gertrude Walters, A. B.
Horton	W. W. Wood, A. B.....	Mabel O. Turner
Irving	V. E. Worley, Ph. B.....	Mary Boal
Jewell City	L. D. Griffie.....	Hazel N. Berry
Kincaid	J. L. Shearer, B. D.....	Daisy Newlon
La Crosse	Sarah Squire, A. B.....	Nora Foraker, A. B.
Lansing	Ira J. Bright.....	Elizabeth Brown
Larned	R. V. Phinney.....	J. L. Mickey
Lebo	C. T. Sherwood.....	Zella W. Parker, A. B.
Lecompton	J. B. Wilson, A. B.....	Mary Maughlin, A. B.
Leon	Etta M. Marshall.....	J. Frances Emans
Linwood	C. W. Ashbaugh.....	.....
Little River	C. W. Williams, A. B.....	Blanche Pilcher, A. B.
Logan	Cowles Wright.....	.....
Maple Hill	J. H. Houston.....	Lillie Bernhard, A. B.
Marquette .....	.....	Guy H. Jaggard
McLouth	W. T. King.....	Clara W. Carpenter, A. B.
Meriden	E. C. Pugh, A. B.....	Geraldine Stewart, A. B.
Moline	L. P. Breeden, A. B.....	J. W. Foster, B. O.
Mound City	V. E. Postma.....	Sophia Shauver
Moundridge	G. Nyquist, M. A.....	.....
Nortonville	R. M. Davis, A. B.....	.....
Onaga	F. E. Robinson, B. S.....	Nellie McClure, Ph B.
Oskaloosa	J. W. Roberts, A. B.....	Olive Collins, A. B.
Oswego	J. F. Lyon.....	Harriett Mahor, A. B.
Overbrook	I. T. Richardson, L. L. B., .....	.....
Phillipsburg .....	.....	Alice Widney, B. L.
.....	Guy Warren, B. Pod., .....	.....
.....	.....	Jessie A. Gemmill, A. B.
Pleasanton	J. Van Arsdale, A. B.....	Eleanor Blakey, A. B.
Reading .....	.....	Ida L. Booth, A. B.
Savonburg	Charles Wright.....	Carrie Long, A. B.
Scranton	Thomas J. Carder.....	Laura L. Lux, A. B.
Summerfield	W. F. Clark.....	.....
Solomon	W. O. Steen	Irene Pemberton
Stockton	R. Bullimore.....	Inez Ledyard, A. B.

OF OTTAWA UNIVERSITY.

NAME OF SCHOOL	SUPERINTENDENT	PRINCIPAL
Syracuse	H. E. Walter, A. B.....	Effie Markwell
Valley Center .....	.....	Mrs. J. V. Collville, A. B.
Vermillion .....	.....	W. O. Peterson, B. S.
Waterville	C. H. Baird.....	Bertha Longley
Wathena .....	.....	Charles S. Todd
Westmoreland	F. W. Comfort.....	Jennie P. Arnold, A. B.
Wellsville	B. W. Daily, A. B.....	Etta J. McCoy
Wetmore .....	.....	George B. Neff, B. S.
White City	J. S. Stevenson.....	Ethel Moss

CLASS III.

Schools listed in class III offer courses that have been approved by the University, but other conditions for accredited relations have not yet been entirely fulfilled.

NAME OF SCHOOL	SUPERINTENDENT	PRINCIPAL
Almena	R. H. Lockridge, M. S.	.....
Barnard	J. W. Marston.....	John McBride
Baschor	H. J. Alford, A. B.	.....
Bunker Hill	Carl Ostrum, M. A.	.....
Burr Oak	F. Eaton, B. S.....	Lulu Coyner
Derby	J. W. Swaney.....	Erma Keister, A. B.
Glasco	J. M. Alcorn, B. S.	.....
Havensville	Frank Broom	.....
Liberal	F. O. Rindom	.....
Lucas	I. E. Winchell.....	Cecil Scriven
Norwich	F. S. Hagy, B. S.	.....
Redfield	Edith McCarty, A. B.	.....
Scott Co., Scott .....	.....	Leola Strope, A. B.
St. Marys	J. Merle Evans, A. B.....	Ida Moriarty
Sylvan Grove	C. E. Lewellen, M. S.	.....
White Cloud	Mr. Landrum, A. B.	.....
Williamsburg	N S. Welton	.....
Wilson	H. Coover.....	Amy Bordwell, A. B.

THE ADMISSION UNITS IN DETAIL.

I. ENGLISH. Three Units.

The requirements in English for admission to the college are those agreed upon by a joint committee of colleges and secondary schools, and now standard for all American colleges. If the candidate for admission presents four units of English, the fourth unit being either Rhetoric or Literature, upon examination he may re-

ceive advance credit for Freshman Rhetoric or English X and XI in the College. The requirements are as follows:

I.—Reading. A certain number of books will be recommended for reading (see list). The candidate will be required to show evidence of a general knowledge of the subject-matter and to answer simple questions on the lives of the authors. The form of examination will usually be the writing of a paragraph or two on each of the several topics, to be chosen by the candidate from a considerable number—perhaps ten or fifteen—set before him in the examination paper. The treatment of these topics is designed to test the candidate's power of clear and accurate expression, and will call for only a general knowledge of the substance of the books. In every case knowledge of the book will be regarded as less important than the ability to write good English. In place of a part or the whole of this test, the candidate may present an exercise book, properly certified to by his instructor, containing compositions or other written work done in connection with the reading of the books. In preparation for this part of the requirement, it is important that the candidate shall have been instructed in the fundamental principles of composition.

II. Study and Practice. This part of the examination presupposes the thorough study of each of the works named below. The examination will be upon subject matter, form, and structure. In addition, the candidate may be required to answer questions involving the essentials of English Grammar, and questions on the leading facts in those periods of English literary history to which the prescribed works belong.

For 1909, 1910 and 1911 the recommendations are as follows:

FOR READING.

Group 1.—(Two books to be selected): Shakspeare's *As You Like It*; Shakspeare's *Henry V*; Shakspeare's *Julius Caesar*; Shakspeare's *Merchant of Venice*; Shakspeare's *Twelfth Night*.

Group II.—(One to be selected): Bacon's *Essays*; Bunyan's *Pilgrim's Progress*, Part I; The *Sir Roger de Coverly Papers* in "The Spectator"; Franklin's *Autobiography*.

Group III.—(One to be selected): Chaucer's *Prologue*; Spenser's *Faerie Queene* (selections); Pope's *The Rape of the Lock*; Goldsmith's *The Deserted Village*; Palgrave's *Golden Treasury* (first series), books II and III, with especial attention to Dryden, Collins, Gray, Cowper and Burns.

Group IV.—(Two to be selected): Goldsmith's *The Vicar of Wakefield*; Scott's *Ivanhoe*; Scott's *Quentin Durward*; Hawthorne's *The House of Seven Gables*; Thackeray's *Henry Esmond*; Mrs.

Gaskell's *Cranford*; Dicken's *A Tale of Two Cities*; George Eliot's *Silas Marner*; Blackmore's *Lorna Doone*.

Group V.—(Two to be selected): Irving's *Sketch Book*; Lamb's *Essays of Elia*; De Quincey's *Joan of Arc*, and *The English Mail Coach*; Carlyle's *Heroes and Hero Worship*; Emerson's *Essays* (selected). Ruskin's *Sesame and Lillies*.

Group VI.—(Two to be selected): Coleridge's *The Ancient Mariner*; Scott's *The Lady of the Lake*; Byron's *Mazeppa*, and *The Prisoner of Chillon*; Palgrave's *Golden Treasury* (first series), book IV, with especial attention to Wordsworth, Keats, and Shelly; Macaulay's *Lays of Ancient Rome*; Poe's *Poems*; Lowell's *The Vision of Sir Launfal*; Arnold's *Sohrab and Rustum*; Longfellow's *The Courtship of Miles Standish*; Tennyson's *Gareth and Lynette*, *Lancelot and Elaine*, *The Passing of Arthur*; Browning's *Cavelier Tunes*, *The Lost Leader*, *How They Brought the Good News from Ghent to Aix*, *Evelyn Hope*, *Home Thoughts from Abroad*, *Home Thoughts from the Sea*, *Incident of the French Camp*, *The Boy and the Angel*, *One Word More*, *Herve Riel*, *Pheidippides*.

FOR STUDY AND PRACTICE.

Shakspeare's *Macbeth*; Milton's *Lycidas*, *Comus*, *L'Allegro*, and *Il Penseroso*; Burke's *Speech on Conciliation with America*, or Washington's *Farewell Address*, and Webster's *First Bunker Hill Oration*; Macaulay's *Life of Johnson* or Carlyle's *Essay on Burns*.

II. HISTORY.

1.—Ancient History; One unit. Oriental, Greek and Roman history. The student will be expected to show a satisfactory grasp of the main facts in the various important elements in pre-Christian history. The course must represent one full year of study.

2.—Mediaeval and Modern History; One unit. The leading events of the period from 250 A. D. to the present day. One full year of time should be spent on the subject, as outlined in the State High School Manual.

3.—American History; One unit. A standard high school course of one year, based on a text and accompanied by parallel reading will be expected if this unit is presented for entrance. It is preferred that this course be taken in the Junior or Senior year of the high school course.

4.—English History; One unit. Reasonable familiarity with the growth and development of England, and of the causes which have led to her greatness, will be required. A full year's course in an

accepted high school will be expected if this unit is presented for entrance.

III. LATIN. Three or Four Units.

Either three or four of the units described below may be offered for entrance. If three units are offered, it is preferred that they be 1, 2, and 3. Students intending to pursue the study of Latin after entering college will find it more satisfactory to complete the four entrance units in the preparatory school, in case there is opportunity to do so. Candidates for the degree of A. B. or Ph. B. will be required to have made up or to be making up the fourth entrance unit before taking any of the advanced Latin courses. Candidates' certificates should indicate specifically the amount and character of their work in Latin composition. Those offering less than the equivalent of one recitation period per week of composition for each unit offered may be required to do supplementary work in Latin composition for which no college credit will be given.

1.—The Elements of Latin: Mastery of declension and conjugation; accurate and ready pronunciation; familiarity with the more usual verb and noun constructions; a vocabulary of at least four hundred words of those most frequently used by Caesar; practice in translating and reading simple connected Latin.

2.—Caesar and Latin Composition. The first four books of Caesar's Gallic War, or selections of equal extent from the seven books. In place of one book of Caesar an equivalent amount of Nepos or Viri Romae will be accepted. The student should be able to write simple Latin sentences involving the words and constructions habitually employed by Caesar.

3.—Cicero's Orations and Latin Composition. The orations may be those usually read, the four against Cataline, the one for the Manilian Law, and the one for the poet Archias. In place of the last mentioned, Sallust's Catiline or an equivalent amount of Cicero's Letters will be accepted. In comparison with the composition of the previous year somewhat more complex sentences, using a greater variety particularly of verb constructions, should be written.

4.—Vergil's Aeneid and Latin Composition. Books I-VI of the Aeneid; practice in the rhythmical and intelligent reading of the text; an understanding of the mythological and legendary references and the rhetorical and linguistic characteristics of the poem; appropriate diction in translation. The Latin composition during this year may well be in connection with a systematic review of syntax.

IV. GREEK.

A unit offered in Greek should cover the following ground:

1.—Mastery of the entire inflectional system, with an ability to analyze at sight any regular verb form.

2.—Familiarity with the regular constructions of Attic prose with special reference to conditional and purpose clauses. Goodwin's Greek Grammar is preferred.

3.—One book of Xenophon's Anabasis.

4.—Ability to translate into Greek passages of moderate difficulty.

A proper amount of college credit will be given for Greek offered as admission credit though credit cannot be given both for admission and in college. Provision is made for beginning Greek in the Freshman year.

V. GERMAN.

A unit of German involves careful mastery of the declensional and conjugational machinery, accurate pronunciation, ability to understand simple German conversation and to write simple German compositions. In addition to this the student should read not less than 150 pages of simple text, though more stress will be laid on the mastery of the language than on the mechanical reading of a given amount of text.

VI. PHYSICAL SCIENCES.

1.—Physiography; One unit. The course should include a general description of the earth, and of the conventional methods of representing its surface; a study of the oceans, of the lands, and of the atmosphere, together with the laws which govern the changes which are taking place at the present time. It is recommended that field work be combined with the study of some standard text.

2.—Physics. One unit. The work in Physics should include the careful study of a text such as Carhart and Chute's High School Physics, and a series of laboratory experiments conducted under the supervision of the teacher. At least thirty-five experiments should be selected from some standard series, and be reported in a laboratory note book.

3.—Chemistry. One unit. The unit of Chemistry, if presented, must include all of the subjects included in Chemistry I in Ottawa University.

VII. BIOLOGICAL SCIENCE.

The entrance unit in biological science may be either Botany or Zoology. In either case the work will be expected to cover one full year of study, with ample laboratory and field work to supplement the text book and class discussions. Students taking entrance examinations in these or the physical sciences, will be required to present note books covering the laboratory work done, in order to

secure credit. Students who did not do laboratory work will be required to make it up before they receive full entrance credit.

VIII. MATHEMATICS.

1.—Algebra. One and one-half units. The work should cover the following subjects as given in the better high school text-books; addition, subtraction, multiplication, division, factoring, highest common factor, lowest common multiple, fractions, equations of the first degree, involution, evolution, theory of exponents, radicals, and quadratic equations.

The work requires daily recitations for one and a half school years.

2.—Plane Geometry. One unit. The work should cover figures formed by straight lines, the circle, similar figures, areas, polygons, symmetry, with problems of construction and original exercises. A daily recitation for an entire school year should be devoted to this work.

3.—Solid Geometry. One-half unit. The course should include the relations of planes and lines in space; the properties and measurements of prisms, pyramids, cylinders, and cones; the sphere and the spherical triangle; numerous original exercises, especially numerical applications in the mensuration of surfaces and solids.

4.—Plane Trigonometry. One-half unit. The six trigonometric functions; principal formulas of plane trigonometry; solution of triangles and practical problems.

5.—Advanced Algebra. One-half unit. Complex numbers; determinants; numerical equations of higher degree; Descartes' rule of signs and Homer's method; logarithms.

GENERAL INFORMATION.

Each candidate for admission to the College will be required to present his credits upon a blank prepared for that purpose. These blanks may be had by addressing the President. These credentials are kept on file in the office of the Registrar for reference. Each case will be dealt with upon its own merits and in a way that will be for the advantage of the student and the college.

CLASS RANK.

Students who are conditioned in not to exceed three units and who have earned less than thirty-two hours of college credit, will be ranked as Freshmen. Students who have passed all conditions, and who have earned thirty-two, but less than sixty-four hours of credit, are ranked as Sophomores. In like manner those who have earned

sixty-four hours or more, and less than ninety-six hours of credit are classed as Juniors, while those who have earned ninety-six hours or more and less than one hundred and twenty-six hours of credit, are ranked as Seniors, and are entitled at the close of their fourth year of residence study to the Baccalaureate degree corresponding to the group of courses which they have selected.

THESES.

Every candidate for a bachelor's degree in the College of Liberal Arts is required in his Senior year to present to the head of the department of English, in a form suitable for preservation, a thesis of from 2,000 to 5,000 words. The thesis must be on some topic in which the student has taken special interest during his collegiate course, and should represent his best and maturest thought on that subject. The specific topic must be agreed upon with the head of the department affected, and registered with the Department of English on or before the first day of December; the outline of the thesis must be presented for final approval to the head of the special department under which the subject selected properly comes on or before the fifteenth of February. The final draft of the thesis must be presented to the head of the English Department on or before the first of May. No thesis will be accepted which does not show signs of creditable accomplishments, or which is defective in its English. All theses become the property of the University.

MASTER'S DEGREE.

The Master's Degree will be conferred on any graduate of this institution of three years' standing who shall pursue a systematic course of study under the direction of the college faculty, and who shall pass a satisfactory examination thereon. The degree is also conferred on graduates of the College who have completed a three years' professional course. After June 1909, no Master's Degree will be conferred except on written or oral examination based on resident study or its equivalent.

Every candidate for a Baccalaureate Degree, who, in addition to the 126 hours required in the under-graduate course, shall have earned 30 hours of advance credit, will be granted a Master's Degree, provided:

- I. That all extra work to be counted toward the higher degree must be passed at a grade of "B" or higher.
- II. That twenty of the thirty hours must be taken in some one of the groups of instruction as the major subject, and ten hours shall be arranged for in some other department as a minor.
- III. That no course may be counted toward a Master's Degree unless it has been approved as such by the head of the department

concerned, and no required courses may be counted for Master's credit.

IV. That the Master's Degree will be awarded not earlier than one year after the conferring of the Baccalaureate Degree, and then only on the presentation of a thesis giving evidence of wide, careful and thoroughly digested reading.

Note: A diploma fee of five dollars will be required for every Master's Degree conferred.

TEACHERS' CERTIFICATES.

Ottawa University is an accredited college under the state laws of 1893 and 1899. Graduates who have taken during their course the philosophy of education, history of education, school law, methods of teaching, and school management and five semester hours of work more than is required for the college degree, receive a three-year state teachers' certificate which may be exchanged for a life certificate after two years of successful teaching.

GROUPS LEADING TO DEGREES.

THE CLASSICAL GROUP.

Leading to the degree of Bachelor of Arts.

This group lays special stress upon the classical languages. It is recommended for ministerial students and others who want the broadest culture.

FRESHMAN.

Fall Semester.	Spring Semester.
Algebra .....I 2	Algebra .....II 2
Latin .....I 3	Latin .....II 3
Greek .....I 5	Greek .....II 5
Rhetoric .....I 5	Chemistry .....I 5
Latin-Roman History .....IA 1	Latin-Roman History .....IIA 1

SOPHOMORE.

Greek .....III 5	Greek .....IV 5
French IA or German IA 5	French IB or German IB 5
History .....I 3	History .....II 3
Elective 3	Elective 3

JUNIOR.

Psychology 3	Psychology 2
Elective .....13	Elective .....14

SENIOR.

Political Economy 3	Sociology 3
Ethics 2	Christian Evidences 2
Elective .....10	Elective .....10

THE PHILOSOPHICAL GROUP.

Leading to the degree of Bachelor of Philosophy.

This group includes but one of the classical languages. It gives special attention to the Modern Languages. It aims to meet the need of students who wish to study literature, but who do not care to pursue both the classical languages.

FRESHMAN.

Fall Semester.	Spring Semester.
Algebra .....I 2	Algebra .....II 2
Latin .....I 3	Latin .....II 3
German .....IA 5	German .....IB 5
Rhetoric .....I 5	Chemistry .....I 5
Latin-Roman History .....IA 1	Latin-Roman History .....IIA 1

SOPHOMORE.

German .....II 4	German .....III 4
French IA or Elective 5	French IB or Elective 5
History .....I 3	History .....II 3
Elective 4	Elective 4

JUNIOR.

Psychology 3	Psychology 2
Elective .....13	Elective .....14

SENIOR.

Political Economy 3	Sociology 3
Ethics 2	Christian Evidences 2
Elective .....10	Elective .....10

THE SCIENCE GROUP.

Leading to the degree of Bachelor of Science.

This group lays special stress upon the natural sciences and is intended to present a general survey of the scientific field. There is opportunity through the elective system of specializing in some one science during the Junior and Senior years.

FRESHMAN.

Fall Semester.	Spring Semester.
Algebra .....I 2	Algebra .....II 2
Plane Trigonometry 2	German .....IB 5
German .....IA 5	Chemistry .....I 5
Rhetoric .....I 5	General Biology .....II 3
General Biology .....I 2	Elective 1

SOPHOMORE.

Analytic Geometry	I 2	Analytic Geometry	II 2
Calculus I or Elective	3	Calculus II or Elective	3
Chemistry	II 5	Chemistry	III 5
Zoology	I 3	Zoology	II 3
Histology	I 2	Histology	II 2
Elective	1	Elective	1

JUNIOR.

Psychology	3	Psychology	2
Elective	13	English	XIV 3
		Elective	II 11

SENIOR.

Political Economy	3	Sociology	3
Ethics	2	Christian Evidences	2
Elective	10	Elective	10

THE PRE-ENGINEERING GROUP.

Leading to the degree of Bachelor of Science.

This group is especially planned to meet the needs of those students who desire a thorough college course but who wish to unite with it considerable engineering work. Mathematics and Physical Science are the prominent elements. Students who complete this course will have finished about the first two years of an engineering course.

FRESHMAN.

Fall Semester.		Spring Semester.	
Algebra	I 2	Algebra	II 2
Plane Trigonometry	2	Mechanics	2
German IA or French IA.....	5	German IB or French IB.....	5
Mechanical Drawing	I 2	Mechanical Drawing	II 2
Rhetoric	I 5	Chemistry	I 5

SOPHOMORE.

Analytic Geometry	I 2	Analytic Geometry	II 2
Calculus	I 3	Calculus	II 3
Chemistry	II 5	Chemistry	III 5
Descriptive Geometry	3	Mechanical Drawing	3
Surveying	I 3	Surveying	II 3

JUNIOR.

Physics	I 5	Physics	II 5
Chemistry	IV 5	English	XIV 3
Elective	6	Elective	8

SENIOR.

Political Economy	3	Sociology	3
Ethics	2	Christian Evidences	2
Geology	5	Elective	10
Elective	5		

THE PRE-MEDICAL GROUP.

Leading to the degree of Bachelor of Science.

In this course special emphasis is laid upon the Biological Sciences. Those who have the study of medicine in mind are advised to take this group.

FRESHMAN.

Fall Semester.		Spring Semester.	
Algebra	I 2	Algebra	II 2
Plane Trigonometry	2	Biology	II 3
German IA or French IA.....	5	German IB or French IB.....	5
Biology	I 2	Chemistry	I 5
Rhetoric	I 5	Elective	1

SOPHOMORE.

Chemistry	II 5	Chemistry	III 5
Physiology	I 3	Physiology	II 3
Zoology	I 3	Zoology	II 3
Histology	I 2	Histology	II 2
Elective	3	Elective	3

JUNIOR.

Psychology	3	Psychology	2
Physics	I 5	Physics	II 5
Chemistry	IV 5	Chemistry	V 5
Elective	3	English	XIV 3
		Elective	1

SENIOR.

Political Economy	3	Sociology	3
Ethics	2	Christian Evidences	2
Physiology	III 5	Bacteriology	2
Elective	5	Elective	8

DEPARTMENT OF STUDY

The following pages contain a full statement of the courses of study offered to the students arranged by departments. The work required in each of the five regular groups is outlined on the preceding pages. Students wishing to do elective work in the college are permitted to take such subjects as their previous training has fitted them to pursue. In each case the final decision will rest with the instructor in charge of that particular subject. Students wishing to prepare themselves to teach some particular subject are urged to confer during the Sophomore year with the head of the department in which that subject is classed.

ART.

For the courses in this department see the outline as it is presented in the description of the Art courses in the portion of the catalogue devoted to the School of Fine Arts. Every student who expects to teach in the public or high schools is advised to take a course in Free-hand drawing. A course in the History of Art will be given two hours per week during the Fall Semester.

BIBLICAL LITERATURE.

This department has been established with the conviction that Jewish as well as Greek and Roman history has had a large place in shaping the forces of all that is best in present day civilization. The purpose of the courses offered is to give the student a knowledge of the history contained in the Bible and a method of applying to our times the principles underlying that history. All of the courses are elective to college students and to others only upon consent of the instructor.

I.—Old Testament History to the Division of the Kingdom. The course of events is taken up in chronological order with special relation to contemporary nations and history. Attention is given to Biblical geography and archeology in a limited degree. Through it all special consideration is given to the unfolding of the great plan of redemption. Fall Semester, two hours.

II.—Old Testament History from the Division of the Kingdom to the Christian Era. This course is a continuation of Course I. Spring Semester, two hours.

III.—Life of Christ. This is a careful study of the life of our Lord as set forth in the four Gospels in the light of the times in which He lived and the customs that surrounded Him. It is broader and more comprehensive than a Sunday school class. Fall Semester, three hours.

IV.—The Apostolic Age. This is a careful study of the Acts and the Epistles to show the organization, growth, life and practices of the early church. Spring Semester, three hours.

V.—Fundamental Truths of Christianity. This course consists of lectures and discussions upon basal facts of the Christian religion. It is not for theological students simply but for any who are interested in the study of these great truths. Fall Semester, one hour.

VI.—Sunday School Pedagogy. The history, development and place of the Sunday school in modern religious work is given careful consideration. The organization, equipment and conduct of the school is studied. The course is designed for any who wish to become effective in Sunday school work. Spring Semester, one hour.

Courses are offered each year in the Greek New Testament. For description of these see Greek department.

BIOLOGY.

I.—General Biology. The more simple laws of life, and the relation between plants and animals are presented under this topic. Laboratory work on typical representatives of the lower orders of plants and animals forms a large part of the course. This is designed as introductory to the advanced courses in Botany and Zoology, as well as for those who desire a general knowledge of the laws of life.

Fall Semester, two hours, required of Scientific and Pre-Medical Freshmen, elective for Classical and Philosophical Juniors and Seniors.

II.—A continuation of course I. Spring Semester, three hours.

I.—Cryptogamic Botany. Algae, fungi, liver-worts, mosses, and ferns. Two lectures and one laboratory exercise a week.

Fall Semester, three hours, elective for Juniors and Seniors.

II.—Morphology, Histology, and Physiology of Flowering Plants. Preparation of twenty-five slides. Open to those who have taken Histology.

Spring Semester, three hours, elective for Juniors and Seniors.

III.—Bacteriology. A study of typical forms of pathogenic and non-pathogenic bacteria. Culture methods, inoculation, sterilization, prevention of disease, etc.

Spring Semester, two hours, required of Seniors registered in the pre-Medical group; elective for others.

CHEMISTRY.

I.—General Chemistry. Lectures, recitations and laboratory work. In this course the elementary principles of chemistry are given consideration. The principal elements are studied with reference to their history, geographical distribution and commercial im-