

The Ottawa University Bulletin

Vol. II.

OTTAWA, KANSAS, JUNE, 1905.

No. 3

Entered at the Post-office, Ottawa, Kansas, as second-class mail matter.

THE SUMMER BULLETIN

OF

OTTAWA UNIVERSITY

Vol. III Ottawa, Kansas, August, 1905 No. 1

Entered at the postoffice at Ottawa, Kansas as second-class matter.

Containing:

A Roll of the Faculty of
Ottawa University for the
year 1905-06.

A brief statement of courses
offered for the Fall Semester.

A schedule of Recitations for
the Fall Semester.

General Announcements.

THE FACULTY OF OTTAWA UNIVERSITY.

IN response to an oft-repeated request for detailed information concerning the corps of teachers who are to carry the work of Ottawa University during the year about to open, the appended roll of instructors is published, in the hope that it will serve to acquaint our friends more intimately with the real inner workings of the school, and that it may also impress on them the superior quality of the work which the school is prepared to do.

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

JAMES A. YATES, M. S., Professor of Physical Science.

Kentucky State University, B. S., '90; Principal Laurel Seminary, Ky., 91-92; Chair of Natural Science, Williamsburg Institute, Ky., 92-97; Ottawa University 97—; Kentucky State University, M. S. '99; Assistant to the State Geologist of Kansas, 03-05.

RAYMOND A. SCHWEGLER, A. B., (Rev.), Professor of Greek Literature, Director of the Department of Education, President, ad interim, of the University.

Brown University, A. B., '99, Instructor in Hebrew, Brown University 97-99; Professor of classical Languages, Indian University, I. T., 99-01; Ottawa University, 01—.

EDWARD K. CHANDLER, A. M., D. D., (Rev.) Professor of History and Economics.

Colgate University, A. M., '69; Chicago Theological Seminary, 71; Pastor of the State Street Baptist Church, Rockford, 73-79; Pastor of Broadway Baptist Church at Cambridge, Mass., 82-89; President of Clinton College, Clinton, Ky., 93-96; Professor Bib-

Advanced Physics (IV).—Light, heat, electricity, magnetism. Lectures, laboratory work. Three hours, elective for Juniors and Seniors.

Introductory Geology (I).—Five hours, required of all Juniors.

Palaeontology (III).—Lectures on the relation and position of groups of fossils. Four hours, elective for Juniors and Seniors.

BIOLOGICAL SCIENCE.

Professor Wilson.

General Biology (I).—Lectures and laboratory work. The general laws of life. Four hours, required of Scientific Freshmen, and Philosophical Sophomores; elective for all others.

Structural and Physiological Botany (I).—Five hours, required of Scientific and Philosophical students.

Cryptogamic Botany (III).—Algae, fungi, mosses and ferns. Lectures and laboratory work. Four hours, elective for Juniors and Seniors who have had suitable previous preparation.

Vertebrate Zoology (I).—Introductory course. Lectures and laboratory work on typical forms of life. Four hours, required of Scientific Freshmen, elective for Juniors and Seniors.

Histology (I).—An introductory course to histological technique; the preparation of typical tissues. Four hours, required of Scientific Sophomores.

Advanced Physiology (II).—Neurology or Osmology. Lectures and laboratory work. Two hours, elective for Juniors and Seniors.

Bacteriology (I).—Typical forms of bacteria, culture methods, inoculation, sterilization, etc. Lec-

tures and laboratory work. Two hours, elective for Juniors and Seniors who have had adequate preparation for the work.

MATHEMATICS.

Professor Bonebright.

1. **Algebra (I).**—Introductory Course. Five hours required of all Junior Academic students.
2. **Algebra (III).**—Quadratics, progressions and logarithms. Four hours, required of Middle Academic students.
3. **Geometry (IV).**—Plane and solid geometry. Four hours, required of Senior Academic students.
4. **Higher Algebra (VI).**—From the theory of quadratics to higher equations, permutation and probability. Four hours, required of all Freshmen.
5. **Analytical Geometry (IX).**—Co-ordinates, conic sections, higher plane curves. Four hours, required of all Sophomores.
6. **Descriptive Astronomy (XII).**—Three hours, required of Seniors.

THE DEPARTMENT OF ART.

Professor Beach.

1. **General Instruction Course.**—Includes practical instruction in pencil, pen, brush, charcoal, and crayon work. Especial attention given to composition and color harmony.
2. **General Design Course.**—Practical and applied design; a study of arts and crafts as regards principles and design in book covers, metal work and embossed leather.
3. **Art Course.**—Drawing, painting in water and oil modelling.
4. **Teachers' Drawing Course.**—Geometrical drawing, freehand drawing, perspective, and color harmony.

UNIVERSITY

COURSES, FALL SEMESTER, 1905

1:30	2:30	3:30
French I Geology III Biology I Mathematics IX Ac. Rhetoric	Latin XV Greek VIII Chemistry III Chemistry I Botany I Mathematics I	History VIII French III Physics III Physiology and Bacteriology English I Geometry Latin III
French I Geology III Biology I Mathematics IX Latin VII History III Ac. Rhetoric	Latin XV Greek VIII Chemistry III Chemistry I Botany I Mathematics I	History VIII French III Physics III Physiology and Bacteriology English I Geometry Latin III
French I Geology III Biology I Chemistry V Mathematics IX Latin VII History III	Rhetoric I Latin XV Greek VIII Chemistry III Chemistry I Botany I Mathematics I	History VIII Greek XXI French III Physics III Physiology and Bacteriology English I Geometry Latin III
French I Geology III Biology I Chemistry V Mathematics IX Latin VII History III	Greek XXI Chemistry III Chemistry I Botany I Mathematics I	History VII French III Physics III Physiology and Bacteriology English I Geometry Latin III
French I Chemistry V	Greek XXI Botany I Mathematics I	French III Latin III

As indicated, will be privately arranged for by the several instructors.

2. **Caesar, (III) Books I-IV.**—Prose Composition once each week. Five hours, required of all Middle Academic students.
3. **Vergil (V) Books I-IV.**—Five hours, required of all Senior Academic students, except as noted on page 38 of the catalogue.
4. **Livy, Books XXI and XXII (VII).**—The second Punic war. Selected topics in early Roman History. Three hours, required of Freshmen, candidates for the Classical and Philosophical degrees.
5. **Horace's Satires (IX).**—The relation of Horace to the earlier satirists. Studies in Augustan institutions and society. Three hours, required of all classical and philosophical students in the Sophomore year.
6. **Latin Comedy (XV).**—A selected play from both Terence and Plautus. Metrical reading of the text, early forms and constructions, plot and character deliniations. Three hours, elective for Juniors and Seniors.

THE GREEK LANGUAGE AND LITERATURE.

Professor Schwegler.

1. **Beginner's Greek (1).**—Five hours, required of all classical students in the Senior Academic year. Elective for all others.
2. **Cyropaedia (III).**—Persian, Greek and Oriental history. Five hours, required of Freshmen, candidates for the Arts degree.
3. **Homer's Iliad (VIII).**—Selections from the the poem, amounting to 2,500 lines. Lectures on dialects, history and archaeology. Illustrated. Three hours, required of classical Sophomores and Juniors.

OTTAWA UNIVERSITY.

Courses of Instruction.

FALL SEMESTER, 1905, SEPTEMBER 6.

PHILOSOPHY.

- Ethics.**—The Theory of Morality. Lectures reading and class-quizzes. **Professor Schwegler.** Two hours weekly, required of Seniors.
- Psychology I.**—Introductory course. Text book, reading and class discussions. **Professor Chandler.** Five hours weekly, required of Juniors.
- Pedagogy I.**—School Methods. A careful deliniation of the psychology, curriculum and method of the school room. **Professor Schwegler.** Five hours, elective for all Juniors and Seniors, but required of all candidates for the State Teachers' Certificate.

HISTORY AND ECONOMICS.

Professor E. K. Chandler.

- Ancient History (1).**—Three hours weekly, required of Junior Academic students.
- Modern History (III).**—Three hours weekly, required of Middle Academic students.
- The History of Western Europe (V).**—Three hours, required of all Sophomores.
- European Constitutional History (VII).**—Three hours, elective for Juniors and Seniors.
- Old Testament History (VIII).**—Three hours, elective for all College students.
- Political Economy.**—Three hours, required of all Seniors.

LATIN LANGUAGE AND LITERATURE.

Professor W. S. Gordis.

- Latin (I).**—First Year Latin, five hours, required of all Junior Academic students.

GENERAL ANNOUNCEMENTS.

The college year will open on September 6, 1905, at 9:30 a. m.

Public exercises will be held in the college chapel consisting of public prayer, music and addresses, followed by the announcements of the heads of departments. The public are cordially invited to be present.

Registration will begin immediately after the chapel exercise. New students will first matriculate in the president's office, then register for work in the general office, and lastly settle the term bill in the actual business room of the **Business Department**. Students are not admitted to class-room exercises until they hold a properly certified card from the registrar.

A list of rooms and boarding places will be found in the registrar's office, and a copy of the same list will be placed in the hands of the reception committees of both the Young Men's and Young Women's Christian associations, who will meet all trains.

The class exercises of the University will begin in all departments at 8:30 Thursday morning, according to the time schedule herewith published. Students will be expected to be in their places as far as possible, ready for work.

A reception will be tendered to students and faculty by the Christian associations, on Saturday evening, September 9, at 8 o'clock. All students are cordially invited to be present.

Attention is called to the fact that the first Semester of the year covers eighteen weeks of work, extending from September 6, 1905, to January 25, 1906. The second Semester begins January 31, 1906, and extends to June 6, 1906, the day of the commencement exercises. The three-term plan will no longer be followed.

OFFICE HOURS:

After September 11, 1905.

The President, 1:30 to 2:30 p. m.

The Registrar, 9:30 to 10:30 a. m.,
and 3:30 to 4:30 p. m.

Instructor in French, Milwaukee-Downer University, 97-99; Ottawa University, Professor of Modern Languages, '05.

————— (ELECTION PENDING). —————

Professor of English Language and Literature.

GRANT H. CRAIN, Master of Accounts, Principal of the Business Department.

FLORENCE E. BEACH. B. P., Director of the Art School.

Ottawa University, 98-03, B. P.; Columbia University, (N. Y.), 1903; New York School of Art, 1904; School of Applied Design, 1904; Pratt Institute, Brooklyn, 1904; Ottawa University, '04.

WILLIAM ROBERT DETWILER, Mus. B., Dean of the Musical Conservatory, and Professor of Vocal Music.

Ottawa University, Mus. B.; New England Conservatory of Music, Boston; Chicago College of Music.

NELLE M. HARRIS, Mus. B., Professor of Piano Forte and Interpretation.

The Musical Conservatory, Ottawa University, Postgraduate Work, Chicago.

MRS. EMMA BROCKWAY, Instructor in Piano and Organ.

Special Work in Chicago and St. Louis.

MISS GRACE L. SMITH, Instructor on the Violin, Mandolin and Guitar.

Kenosha, Wis., St. Louis; The Chicago College of Music.

MRS. CORA DETWILER, Mus. B., Instructor in Theory, Harmony and Acoustics.

New York State Normal; Ottawa University, Mus. B., Pipe Organ, Lawrence, Kan., and Chicago; Postgraduate at Kansas State University.

The History of Greek Art (XXI).—A course of 45 illustrated lectures, accompanied by text books on the growth and development of the art ideals of the ancient world. A special lecture fee of one dollar will be payable to the instructor by all who elect the course. Three hours, elective for all Sophomores, Juniors and Seniors.

TE:—Courses XIII, New Testament Greek, and XIV, Aristophanes, announced in the catalogue, are hereby withdrawn.

ENGLISH LANGUAGE AND LITERATURE.

Professor —————.

English Composition.—Text and frequent essays, carefully corrected. Four hours, required of all Junior Academic students.

Elementary Rhetoric.—Two hours, required of all Middle Academic students.

English Literature, Introductory.—An outline course, serving by text and lecture to open the way to a more careful later study. Four hours, required of all Senior Academic students.

Rhetoric I.—A careful course of writing, accompanied by class criticisms and discussions. Two hours, required of all Freshmen.

English Literature, Advanced.—A careful and detailed study of some period of the English literature. The details of the course will be arranged with the class. The course forms part of a plan covering two years of work. Five hours, elective for all Juniors and Seniors.

Locution.—Provision is made for instruction extending over the Senior Academic year, two hours weekly, and over a part of the Freshman year. Private work will be arranged for, under competent teacher, and at reasonable rates.

OTTA **SCHEDULE OF RECITA**

	8:30	9:30	11:00
TUESDAY	Geology I Histology Greek I Algebra III	Ethics Botany III German III History VII Mathematics VI Latin V Physics I Eng. Comp I	Psychol Zoology German Greek I English Latin I
WEDNESDAY	Political Econ. Geology I Histology Latin IX Greek I Algebra III History I	Ethics Botany III German III History VII Mathematics VI Latin V Physics I Eng. Comp I	Astrono Psychol Zoology German Greek I Eng. Lit Latin I
THURSDAY	Political Econ. Geology I Histology Latin IX Greek I Algebra III History I	Pedagogy I Botany III German III History V Mathematics VI Latin V Physics I Eng Comp.	Astrono Psychol Zoology German Greek I Eng. Lit Latin I
FRIDAY	Political Econ. Geology I Histology Latin IX Greek I Algebra III History I	Pedagogy I Botany III German III History V Mathematics VI Latin V Physics I Eng. Comp. I	Astrono Psychol Zoology German Greek I Eng. Lit Latin I
SATURD'Y	Geology I Greek I	Pedagogy I History V Rhetoric I Latin V	Psychol German Greek I Elocutio Latin I

Chapel Exercises will take place each school-day at 10:35 a. m.
Courses that have been advertised, but for which no time of mee

THE DEPARTMENT OF MUSIC.

The instruction in music being so largely personal, no attempt is here made to specify courses offered during the Fall Semester. Students interested are invited to correspond with Prof. W. D. Detwiler, the Dean of the Department.

Instruction is offered in the following subjects:

1. Vocal music, both solo and chorus.
2. Piano forte.
3. Band and stringed instruments.
4. Sight singing.
5. Public school music.

THE BUSINESS COLLEGE.

Professor Crain and Assistants.

Courses are offered each Semester in:—

1. Bookkeeping.
2. Typewriting.
3. Stenography.
4. Telegraphy.
5. Actual Business.
6. Commercial Law.
7. Business Arithmetic.
8. Penmanship.
9. Spelling.
10. Grammar.

THE MODERN LANGUAGES.

Professor Cipriani.

1. **German (I).**—Beginner's course. Grammar, inflections, reading. Five hours, required of all Sophomores.
2. **German (III).**—German Literature; Schiller and Goethe; daily conversation and composition. Four hours, elective for Juniors and Seniors.
3. **French (I).**—Beginner's course. Grammar, reading and conversation. Five hours, required of Scientific students in the Senior Academic year, of Freshmen who elect the Philosophical course, and elective for all other Juniors and Seniors.
4. **Classical French (III).**—An advanced course; careful reading of French Masterpieces. Five hours, elective for Juniors and Seniors who have taken one year of French.

NOTE:—Other elective work in the Romance languages will be offered if a demand for it arises.

PHYSICAL SCIENCE.

Professor Yates.

1. **General Chemistry (I).**—Lectures and recitations on the elements and their combinations. Laboratory work. Four hours, required of all Freshmen.
2. **Quantitative Chemistry (III).**—Volumetric and gravimetric analyses; class lectures and laboratory work. Five hours, required of candidates for the science degree in the Sophomore year, and elective for others.
3. **Lecture Course (V).**—The history and development of the science of Chemistry. Three hours, elective for Juniors and Seniors.
4. **Elementary Physics (I).**—Three hours, required of Middle Academic students.

ical Interpretation, and Dean of the Theological school, Bishop College, Marshall, Tex., 1896-1901; Ottawa University 01—.

WILLIAM B. WILSON, B. S., M. S., Professor of Biological Science, Registrar of the University. Ottawa University, B. S., '95; Professor of Natural Science and Mathematics, Indian University, 95-96; Norton Professor of Natural Science, Bethel College, Ky., 97-04; Ottawa University, M. S., '98; Professor of Biological Science, Ottawa University, '03—.

WARREN S. GORDIS, A. B., Ph. D., Professor of the Latin Language and Literature, Secretary of the Faculty.

University of Rochester, A. B., 88; Professor of Latin, John B. Stetson University, 88-98; Fellow in Latin, University of Chicago, 94-95; Instructor in Latin, Lewis Institute, 90-00; The Broadstreet School, Rochester, N. Y., 00-03; University of Chicago, Ph. D., 1904; Instructor in Latin, Lewis Institute, Chicago, 04-05.

E. BONEBRIGHT, B. S., M. S., Professor of Mathematics.

Northwestern University, B. S., 93; University of Chicago, M. S., '96; Instructor in Mathematics and Physics, University of Idaho, 93-97; Professor of Physics, *ibid* 97-04; Assistant Professor of Physics, The Agricultural College of Colorado, 04-05; Professor of Mathematics, Ottawa University, '05.

MISS CARLOTTA J. CIPRIANI, A. B., Lit. D., Professor of Modern Languages and Dean of the Women.

University of Chicago, A. B., '97; University of Paris, (France), Lit. D., '01; Instructor, Coates College, Terre Haute, Ind, four years;

Volume IV.

APRIL, 1907

Number 3

OTTAWA UNIVERSITY
OTTAWA, KANSAS

The Quarterly Bulletin

816

ANNUAL CATALOG
1906-1907



PUBLISHED BY THE UNIVERSITY

Entered at Ottawa, Kansas, as second-class matter

OTTAWA UNIVERSITY

OTTAWA, KANSAS

=

The Quarterly Bulletin

Vol. IV.—April 1907—No. 3

Entered at Ottawa, Kansas, as second-class matter

The Forty-Second Annual Catalog



PUBLISHED BY THE UNIVERSITY

1907

CALENDAR.

1907

JANUARY							JULY						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
...	1	2	3	4	5	...	1	2	3	4	5	6	...
6	7	8	9	10	11	12	7	8	9	10	11	12	13
13	14	15	16	17	18	19	14	15	16	17	18	19	20
20	21	22	23	24	25	26	21	22	23	24	25	26	27
27	28	29	30	31	...	...	28	29	30	31	...	...	...

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

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

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

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

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

1908

JANUARY							FEBRUARY						
S	M	T	W	T	F	S	...	...	...	...	...	...	...
...	...	...	...	...	...	1	...	...	...	...	...	...	1
5	6	7	8	9	10	11	2	3	4	5	6	7	8
12	13	14	15	16	17	18	9	10	11	12	13	14	15
19	20	21	22	23	24	25	16	17	18	19	20	21	22
26	27	28	29	30	...	...	23	24	25	26	27	28	29

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

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

Greeting.



It is the purpose of this catalog to set forth as clearly and fully as space will allow matters of vital interest to the alumni, friends, patrons and prospective students of Ottawa University. It is altogether probable that some subjects upon which information may be desired have been omitted. If so, a letter addressed to the President will bring the desired information if it is obtainable. It is the intention of the University to embody in its plan of work the ideas that have proven from experience the most beneficial in securing a broad culture. This involves slight changes from year to year. Radical changes are avoided. The University is determined to secure the best within its reach, and in turn to give out the best that it can. To this end it invites the hearty co-operation of all members of the alumni, the Baptist churches of Kansas and adjoining states, the friends, patrons and students of the institution. One of the essential elements in building up a college is a constituency. Money and equipment alone cannot build it up; this can only be done when christian men and women put their lives into it.

We cordially invite correspondence with all young people who are looking forward to the time when they can attend some college. It will always be a pleasure to give them such specific information as they may desire, and to co-operate with them in securing a broad foundation for an effective life.

Departments OF Ottawa University

I. The College of Liberal Arts

II. The Academy

III. The Business College

IV. The Normal School

V. The School of Fine Arts

For information regarding any of these, address

S. E. PRICE, President, Ottawa, Kansas.

The University Calendar.

The school year of Ottawa University is divided into two halves or semesters, each of approximately 19 weeks. The Fall Semester opens on the first Wednesday after the first Sunday of September, and continues till the last week of 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 1906-7.

Jan. 29, Tuesday, The Spring Semester opened.
Feb. 10, Sunday, The Day of Prayer for Colleges.
April 4, Mid-Semester reports mailed.
May 30, Thursday, } Final Examinations.
May 31, Friday, }
June 1, Saturday, }
June 1, Saturday, The Inter-Society Debate, 8 p. m.
June 2, Sunday, The Baccalaureate Sermon, 10:30 a. m.
The Sermon before the Christian Associations, 8 p. m.
June 3, Monday, The Graduating exercises of the Senior Class in the Academy, 10 a. m.
The Dobson and Hageman Prize Contests, 3 p. m.
Class Day Exercises, 8 p. m.
June 4, Tuesday, Meeting of the Board of Trustees, 2 p. m.
Art Exhibits in Art Studio, 4 to 6 p. m.
Musical Recital, 8 p. m.
June 5, Wednesday, Annual Commencement, 10 a. m.
June 4, Tuesday, Opening of the Summer Session of the Business College.
August 17, Saturday, Close of the Summer Session of the Business College.

ACADEMIC YEAR 1907-8.

Sept. 3, Tuesday, Entrance Examinations.
Sept. 4, Wednesday, Fall Semester Opens, 9:30 a. m.
Sept. 7, Saturday, Reception of the Christian Associations to new students in University Hall, 8 to 10 p. m.
Nov. 13, Wednesday, Mid Semester Reports mailed.

Nov. 28, Thursday, Thanksgiving, School closed for Thursday, Friday and Saturday.
 Dec. 20, Friday, Holiday Vacation begins.
 Jan. 7, Tuesday, School resumes its sessions at 8 a. m.
 Jan. 29, Wednesday, }
 Jan. 30, Thursday, } Final Examinations for Fall Semester.
 Jan. 31, Friday, }
 Jan. 31, Friday, Fall Semester closes at 4:30 p. m.
 Feb. 4, Tuesday, Spring Semester opens at 8 a. m.
 Feb. 9, Sunday, The Day of Prayer for Colleges.
 April 9, Mid-Semester Reports mailed.
 June 10, Wednesday, Commencement.

Section I.—Governing Bodies.

The Board of Trustees.

F. H. STANNARD, Ottawa, Term expires June 1907.
 A. DOBSON, Ottawa, Term expires June 1907.
 F. O. HETRICK, D. D. S., Ottawa, Term expires June 1907.
 J. M. McWHARF, Ottawa, Term expires June 1907.
 A. F. EBY, Howard, Term expires June 1907.
 REV. J. A. KJELLIN, Fairview, Term expires June 1907.
 REV. W. G. CARY, Cherryvale, Term expires June 1908.
 L. E. CHASE, Hiawatha, Term Expires June 1908.
 REV. J. T. CRAWFORD, Parsons, Term expires June 1908.
 D. F. DANIEL, Ottawa, Term expires June 1908.
 W. H. KEITH, Ottawa, Term expires June 1908.
 REV. G. W. TROUT, Pittsburg, Term expires June 1908.
 JOHN R. BOARDMAN, Ottawa, Term expires June 1909.
 REV. G. W. CASSIDY, Wiebita, Term expires June 1909.
 C. Q. CHANDLER, Wiebita, Term expires June 1909.
 REV. W. B. HUTCHINSON, D. D., Lawrence, Term Expires June 1909.
 A. E. SKINNER, Ottawa, Term expires June 1909.
 J. M. BOOMER, Fairview, Term expires June 1910.
 REV. J. M. BARRATT, North Topeka, Term expires, June 1910.
 M. R. HARRIS, Ottawa, Term expires June 1910.
 DON KINNEY, Newton, Term expires June 1910.
 H. E. SILLIMAN, Winfield, Term expires June 1910.
 A. WILLIS, Ottawa, Term expires June 1910.

OFFICERS OF THE BOARD OF TRUSTEES.

C. Q. CHANDLER, President.
 L. E. CHASE, Vice President.
 JOHN R. BOARDMAN, Secretary.
 M. R. HARRIS, Treasurer.

COMMITTEES.

Executive.

A. DOBSON, Chairman, F. H. STANNARD, Secretary.
D. F. DANIEL, JOHN R. BOARDMAN, A. WILLIS,
W. B. HUTCHINSON, J. V. MITCHELL.

Finance.

C. Q. CHANDLER, Chairman, J. M. BOOMER, A. DOBSON,
DON KINNEY, H. E. SILLIMAN.

Auditing.

H. E. SILLIMAN, J. M. McWHARF, F. O. HETRICK.

Ministerial Students.

The PRESIDENT of the University,
E. K. CHANDLER,
E. B. MEREDITH,
W. B. HUTCHINSON,
W. A. ELLIOTT.

THE CHARLTON COTTAGE COMMITTEE OF WOMEN.

MRS. F. H. STANNARD, President, MRS. L. C. STINE,
MRS. W. E. BEACH, MRS. A. A. RATHBUN,
MRS. E. K. CHANDLER, MRS. W. A. DAVENPORT,
MRS. S. E. PRICE, MRS. L. R. CRAWFORD, Sec. and Treas.

OFFICERS OF THE WOMEN'S EDUCATIONAL SOCIETY.

MRS. S. E. PRICE President
MRS. R. S. BLACK, First Vice President
MRS. L. C. STINE, Second Vice President
MRS. F. B. PECK, Secretary
MRS. J. W. BUNN, Treasurer
MRS. E. K. CHANDLER, Corresponding Secretary

Chairmen of Committees.

On Securing Homes MRS. J. C. BEATTY
On Finance MISS MAGGIE STICKLER
On Program MRS. E. LISTER
On Devotional Exercises MRS. V. E. LAWRENCE
On Membership MRS. R. A. WASSON

The Faculty.

SILAS EBER PRICE, A. B. (Rev.) 603 Cedar St.
President and Professor of Philosophy and Ethics.
MILAN L. WARD, A. M., D. D. (Rev.) 703 Poplar St.
Emeritus Professor of Mathematics.
JAMES A. YATES, M. S., 703 Mulberry St.
Professor of Physical Science.
RAYMOND A. SCHWEGLER, A. B., (Rev.), 727 Cedar St.
Professor of Greek Literature, Director of the Department
of Education.
EDWARD K. CHANDLER, A. M., D. D., (Rev.), 819 S. Main St.
Professor of History and Economics.
WILLIAM B. WILSON, B. S., M. S., 840 Cedar St.
Professor of Biological Science, Registrar of the University.
WARREN S. GORDIS, A. B., Ph. D., 1016 Hickory St.
Professor of the Latin Language and Literature.
MISS CARLOTTA J. CIPRIANI, A. B., Lit. D., 206 East Eighth
Professor of Modern Languages and Dean of Women
MURRAY G. HILL, A. B., 726 Cedar St.
Professor of English Language and Literature.
JAMES A. G. SHIRK, M. S., 733 Cedar St.
Professor of Mathematics.
GRANT H. CRAIN, Master of Accounts, 832 Cedar St.
Principal of the Business College.
MYRTLE I. HOLLINGSWORTH, 633 Hickory St.
Instructor in Shorthand.
FLORENCE E. BEACH, B. Ph., 912 Cedar St.
Director of the Art School.
MISS JESSIE K. EDGERTON, Charlton Cottage
Director of Department of Expression.

WILLIAM ROBERT DETWILER, Mus. B., . . . 318 S. Main St.
Dean of the Musical Conservatory, and Professor
of Vocal Music.

NELLE M. HARRIS, Mus. B., . . . 406 Willow St.
Instructor in Piano Forte and Interpretation.

MRS. EMMA BROCKWAY, . . . 320 S. Main St.
Instructor in Piano and Organ.

MRS. CORA DETWILER, Mus. B., . . . 318 S. Main St.
Instructor in Piano, Theory and Harmony.

MARY COLER DAVIS, . . . 508 Poplar St.
Instructor in Violin.

GRACE INA BIRD . . . Assistant in Chemistry

EVA M. TAYLOR . . . Assistant in Chemistry

ERNEST BUREAU . . . Assistant in Chemistry

GLENVILLE E. STEWART . . . Assistant in Physics

ANNA G. MCCOY . . . Assistant in Biology

AUGUSTA C. PARRISH . . . Assistant in English

EARL C. PUGH . . . Assistant in Greek

HUBERT M. RISHEL . . . Assistant in Mathematics

EDITH CORINNE STEPHENSON . . . Theme Reader

Other Officers.

PROF. W. B. WILSON . . . Registrar of the University

PROF. E. K. CHANDLER . . . Librarian

HATTIE MAUPIN . . . Assistant to the Librarian

MATTIE THOMAS . . . Assistant to the Librarian

HATTIE VAN CLEVE . . . Assistant to the Librarian

ORAH MAY BALYEAT . . . Assistant to the Librarian

JOHN WILSON . . . Curator of the Museum

PROF. W. S. GORDIS . . . Secretary of the Faculty

DRUSILLA A. MOSES . . . Secretary to the President

FRANK LEBOW . . . Director of the University Orchestra

WILLIAM H. McDONALD . . . Director of the University Band

MISS MARGARET STICKLER . . . Matron of Charlton Cottage

F. P. FLETCHER }
MARK MCCOY } . . . Caretakers of Buildings and Grounds

PERCY L. WHITEMAN . . . Attendant at the Gymnasium

Committees of the Faculty.

REGISTRATION . . . Wilson, Schwegler, Cipriani

BIBLE STUDY . . . Schwegler, Chandler, Shirk

LIBRARY . . . Chandler, Hill, Gordis

SCHEDULE . . . Wilson, Schwegler, Cipriani

PUBLICITY . . . Hill Gordis, Shirk

ATHLETICS . . . Wilson, Yates (Faculty), J. R. Boardman (Trustees), J. O. Evans (Alumni).

BOARD OF RECOMMENDATIONS . . . President, Gordis, 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 Wil-

liams 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 Talloss, Probate Judge of Franklin County, to I. S. Kalloch, C. C. Hutchinson, John G. Pratt, J. T. Jones, James Wind, William Herr, 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 from 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. Colegrove, 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 been already 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.

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 on 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 Joanna M. Lovelace of Turner, Kansas, as the nucleus of the Merriek 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 purposes 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, 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 basket-ball court, shower baths that were rebuilt

this past fall, three dressing rooms with new lockers and a room for an attendant.

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, the chapel with nine hundred sittings, a physics laboratory, two society halls, thirteen recitation rooms, the library, rest room for young ladies, lavatories and coat rooms. The building is thoroughly furnished and is the best of its kind in the state.

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 something over four thousand well selected books. The fire of 1902 burned the entire library at that time. Every book now on the shelves has been secured since that date. Books are being added constantly as funds are in hand to purchase them. Though the number of books is not large the selections have been made so as to cover every department of instruction. In connection with the library is a reading-room in which the leading periodicals are to be found so that the students may keep in touch with the world movements of today.

The **Laboratories** are five in number—two chemical, two biological, and one physical. These are well equipped with modern apparatus essential for college work. Some very fine pieces of apparatus have been added during this past year. Additions are being constantly made.

The **Museums** are two in number. One in Science Hall containing biological and geological specimens and the other 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.

During the past year all of the buildings have been fitted for gas heating so that all of the dirt and smoke of coal has been eliminated.

THE NEEDS.

Ottawa University has passed the period of a struggle for existence. Its effort now must be to increase its efficiency. A splendid beginning has been made, but it is only a beginning.

Christian Education is needed in these times because our business and social life ought to be permeated by the christian spirit and ideals. There is no other institution for higher education that can do this so well as the christian college. Therefore christian education is one of the best means for advancing the Kingdom of God in the world.

Endowment is absolutely necessary to accomplish this object. The income from tuition fees cannot be expected to cover more than about one-third of the cost of a liberal education. Ottawa University needs at once \$100,000 additional endowment in order to meet its annual budgets without deficits.

More Buildings must be provided in the very near future. A modern up-to-date science building large enough to house all of the work in science ought to be provided soon. A gymnasium ought to take the place of the building that serves that purpose at present. A Fine Arts building for the work of the Conservatory is greatly needed in order that we may center the music department upon the campus. These will involve a central heating plant of sufficient capacity to heat all of the buildings.

The Library needs more books. We must greatly increase our library equipment in the near future. Several thousand dollars could be invested to great advantage. There are but few ways in which a person can do larger good with their means than by purchasing good books and placing them at the disposal of young men and women.

Gifts may be made in one of several ways: 1, **Cash**. This is the safest, surest, most satisfactory way of making contributions to any cause. Send your gift to the President of Ottawa University, specifying for what purpose you want it applied. Many friends of the institution are giving a stipulated amount each year for the current expenses; others are paying toward the endowment, etc. Every Baptist in Kansas ought to have some cash share in the work of the University. 2, **Annuities**. Another method of giving during your lifetime is to transfer to Ottawa University such properties as you wish with the provision that you have the use of the property so long as you live, or that the University pay to you a specific amount so long as you may live. Such an arrangement gives to the donor the satisfaction that arises from giving, secures to him a regular safe and stated income, and assures him of the proper disposition of his property. Several gifts have been received in this way. 3, **Bequests**. What more effective memorial can be established than to provide means for erecting a building, endowing a department, or in some other way aiding in the work of christian education? Many christian men

and women who have gained a competency desire to leave some such memorial. Even though it may not be a large amount it will do good accordingly. Bequests should be made in the following terms:

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

The President of the University will be glad to correspond with any persons who have it in their minds to make gifts to the University for any specific purpose. There is no kind of investment that brings larger returns than that made in young life.

Section III.—General Information.

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 in the state, a city of strong churches and good schools where a "joint" cannot exist and young men under twenty-one years of age are not allowed in the pool halls without the written consent of a parent. 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 light plant. A new water plant is being built and will be in use very soon. The city is located just fifty-eight miles southwest of Kansas City.

There are two railroad systems that reach the city. The mainline 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 the 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.....	42.00	42.00	42.00
Books and Stationary	5.00	7.50	12.00
Totals	\$137.00	\$175.50	\$234.00

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 per week. Young ladies desiring to engage room and board in this dormitory are invited to correspond with the matron, Miss Maggie 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 Education 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 young women 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. 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 other 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 and sealed with the seal of the University. 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 and will issue to him a bill for tuition, incidental fees and other University charges involved in his courses. 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 elanishness of wealth or from social distinctions 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.

Literary.—The Philalethean and Olympian Literary societies engage 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 sustain 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 four o'clock on 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.

Athletic.—The student body is enthusiastically in favor of clean athletics. This organization directs the foot-ball, basketball and baseball teams and the track athletics. The teams have given a splendid account of themselves during this present year and there is unusual promise for the year to come. For special faculty rules governing the public contests of these teams see athletic rules.

Oratorical.—This is a chartered association of some thirty members. It provides for a local oratorical contest each year and

in connection with like associations in other colleges in Kansas provides for a state contest once per year. During the past seven years Ottawa University has won one fourth place, four second places and two first places in these contests. Mr. W. R. McNutt of the class of '08 won first place in the contest of 1907.

The Prohibition League performs a similar service among those who are most vitally interested in the question of prohibition.

Musical.—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.

The College Band has about twenty members. It appears upon special occasions such as athletic games and has served to enliven and arouse student interest in University events.

The Men's Glee Club consists of sixteen members and thus far has aided greatly in some public religious gatherings.

The Campus.—This is a periodical issued by the students once per month during the school year. The Oratorical Association elects the editors and publishers of it. It is a very popular paper among the students and alumni.

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.

The faculty keep in close touch with all of these organizations though the students are given the largest possible liberty. It is believed that the proper conduct of such organizations is an essential element in student life. Every organization is permeated by a definite christian spirit. The christian element is kept before the students constantly by the daily assemblage of the whole student body in the chapel at ten o'clock each morning. Twenty minutes is given to this exercise, though on special occasions much more time is occupied. The effort in the entire conduct of the institution is to emphasize the fact that christianity is an essential element in true culture.

Government of Schools.

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. 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. Students are requested to make careful note of them.

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.—A rule to govern students in the matter of absences from University exercises:

A. Students may, for good cause, absent themselves from one-twentieth of the total number of class exercises in any subject for which they are registered, without affecting their standing.

NOTE.—The number of absences thus allowed is as follows:

5 hour subjects,	5 absences
4 hour subjects,	4 absences
3 hour subjects,	3 absences
2 hour subjects,	2 absences
1 hour subjects,	1 absence

B. Students who absent themselves from more than one-twentieth of the total number of the required exercises of any one of their classes, will be marked "F" for each recitation so missed, unless the work is made up to the satisfaction of the instructor involved.

C. Any student who during any semester shall absent himself from ten per cent of the exercises of a class in which he is registered, and who shall not have been excused by the president, shall be suspended from that course, and shall either be required to take that course over again, or to arrange for it in some other satisfactory manner.

D. Any student who in any Semester shall be absent from more than seven chapel exercises, will, unless excused by the officer in charge of the chapel rolls, be required to do extra work in the subject in which he ranks lowest, at the rate of one regular

lesson or its equivalent for every absence in excess of the number allowed; and no final pass grade will be given in the subject involved until the work so prescribed has been satisfactorily done.

E. Absences incurred by taking part in athletic contests, attending religious or other gatherings that have been approved by the president shall not be counted in the application of the above rules, providing the work involved has been adjusted to the satisfaction of the instructor concerned.

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 class 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.

Advanced Standing.—Any student who either through failure, conflict of time schedule, or for other reasons is unable to take a required subject with a class, may, if the instructor in the subject concerned considers it feasible, be accorded the privilege of a special examination. If this examination is passed with high credit, the student will be accorded a final grade on the records of the University. For every such examination taken, the candidate must pay to the Registrar 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 examination.

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.

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.

Expenses.

Tuition.—The tuition in all the schools of the University except that of the Fine Arts is thirty-six dollars per year, payable in two equal installments of eighteen dollars each at the beginning of each semester. The tuition charge for students registering for three hours or less is five dollars, and the entire incidental fee. A student registered for more than three hours will be charged at the rate of \$1.50 for every hour, but the tuition shall not be more than \$18.00 per semester.

Incidental Fees.—A general incidental fee of four dollars per year payable in two installments of two dollars each at the opening of each semester, a library fee of one dollar per year and an athletic fee of one dollar payable at the opening of the Fall Semester, is charged each student except those in the school of the Fine Arts. The library and athletic fees are charged each student as herein provided without reference to the time of year he may enter. Students paying the bills for the entire year during the first week of the Fall Semester may secure a discount of two dollars.

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:

Botany all courses, each.....	\$3.00
Biology I and II, each	3.00

Chemistry I and IV, each	4.00
Chemistry II and III each	5.00
Cytology	5.00
Histology I and II, each	3.00
Phonograph rental, per 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	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-negotiable credit slip will be issued to the student for the unconsumed tuition still due him. He 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 at least one-half of the semester's tuition and the entire incidental fee will be retained. Laboratory fees cannot be reclaimed after the second day of the semester.

The rates of tuition which hold at present in the various departments of the School of Fine Arts are stated in connection with the outline of the work of that school.

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. The Business College charges a fee of one dollar and fifty cents for every diploma issued.

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

Help.

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 beside. 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 Board of Trustees will provide for tuition and term bills and a little more for one student each year.

The scholarships now in force are as follows:

The Slocumb Scholarship.—By the will of the late H. O. Slocumb, of Chalk Mound, Kansas, the residue of his estate, one thousand dollars, forms a perpetual scholarship, the interest of which is annually given to a student for the ministry whom the faculty may designate.

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 a 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 the Baptist church. If the beneficiary of this scholarship proves worthy, the benefits will be extended throughout her entire college course.

Endowment Scholarships.—There are about twenty 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 Padonia.
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 Mrs. Abigail Bevington, of Iola.
7. The Simeon Cole Scholarship by Mr. Simeon Cole, of Melouth.

8. The Peter and Matilda Bolinger Scholarship by Rev. Peter Bolinger, of Bogue.
9. The Oscar J. and Alice A. Holroyd Scholarship by Mr. O. J. Holroyd, of Hewins.
10. The Pearl B. Kellogg Scholarship by D. D. Kellogg, of Kellogg, Kansas.
11. The Robert W. and Margaret A. Black Scholarship by Mr. R. W. Black, of Elgin.
12. The Augustus S. Thompson Scholarship by Mr. A. S. Thompson, of Cherryvale.
13. The Harry W. and Jennie M. Grass Scholarship by Mr. H. W. Grass, of LaCrosse.
14. The Henry H. and Hattie E. Twining Scholarship by Mr. H. H. Twining, of Homestead.
15. The Cordelia Russell Scholarship by Mrs. Cordelia Russell, of Derby.
16. The William W. and Louisa D. Loveless Scholarship by Mr. W. W. Loveless, of Marion.
17. The Theodore F. and Cynthia E. Bradbury Scholarship by Mr. T. F. Bradbury, of McPherson.
18. The James P. and Sallie D. Hall Scholarship by Mr. J. P. Hall, of Medicine Lodge.
19. The Stephen L. and Alice Umberger Scholarship by Mr. S. L. Umberger, of Larned.
20. The William H. and Lois N. Parish Scholarship by Mr. W. H. Parish, of Leoti.
21. The Abraham C. and Eliza F. Miles Scholarship by Mr. A. C. Miles, of Conway Springs.
22. The C. L. and C. G. Kinney Scholarship by C. L. and C. G. Kinney, of Newton.

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, College, or Normal School, 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.

Ministerial Scholarships.—There are certain endowment funds the income from which must be used to aid students for the ministry. Through the Educational Commission of the Kansas Baptist Convention offerings have been received from the churches for Christian and Ministerial education. These have been sufficient to provide for the tuition of ministerial students. It is hoped that through the gifts of men and women who believe in an educated ministry these funds may be largely increased in the near future.

Women's Loan Fund.—Some of the women of the state who are especially interested in the higher education of young women have provided a small loan fund which is loaned without interest to worthy young women. 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 offered 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 first presentation in 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 essay upon one of 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 March. Participation in this contest is not compulsory, but each Sophomore who partici-

pates in the contest, and who attains a rank of not less than B, is excused from the preparation of two of the required essays.

The class of 1909 selected from the following subjects:

1. "The Psychology of Commerce."
2. "The Pharisees and Sadducees: Their real meaning in Jewish History."
3. "The Congo Free State."
4. "Walter Scott, The Father of the Historical Novel."
5. "Greek Influence in Roman Education."
6. "The French Influence on the Life and Language of England after the Norman Conquest."
7. "Beneficial Bacteria."
8. "Euclid: His Effect on Modern Mathematics."

The class of 1910 will next year select from the following subjects:

1. "The Development of English Drama up to the Time of Shakspeare."
2. "The Use of Concrete by Roman Architects and Engineers, in View of Recent Developments in Concrete Construction."
3. "A Comparison of the Position of Woman in the Homer's Age and under the Athenian Democracy."
4. "The Rise of Prophecy and Prophetism."
5. "A Century's Development of Chemistry."
6. "The Reformation in England."
7. "Influence of the Hindoos and Arabs on Mathematics."
8. "Development of Secondary Schools in America."

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 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 anxious to carry out the wishes of his mother, generously volunteered to continue the prize as a memorial, and began to award the prize in 1904.

The Hageman Prizes, amounting also to ten and five dollars, are awarded to the two members of the Freshman Class who excel in declamations. They are the gift of Mrs. T. J. Hageman, of Clifton, Kansas, and her son, Rev. S. S. Hageman, '93.

Section IV.—Schools of the University.

We present herewith a complete statement of the courses, entrance requirements, equipment, degrees and diplomas of each of the five schools as they are at the present time being carried on. The University reserves, however, at all times the right for good reason to change, either by increase or decrease, any of the facilities outlined. All changes made, however, will in so far as it is at all possible, be in the direction of better service to our constituency. Every effort will be made to keep up with the best educational ideals in every department.

The College of Liberal Arts.

There are five prescribed courses 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 courses 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 courses. These courses 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 courses 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 courses is prescribed because it pertains distinctly to the professions in view.

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

ENTRANCE REQUIREMENTS.

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 the 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.	English, four units.
GROUP II.....	Foreign Languages.	Latin, four units. Greek, three units. German, three units. French, three units.
GROUP III.....	History.	Greek and Roman, one unit. Medieval 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. Physics, one unit. Chemistry, one unit.
GROUP VI.....	Biological Science.	Botany, one unit. Zoology, one unit.

ADMISSION.—Students completing the course of study in the Academy of Ottawa University are admitted upon presentation of their diploma. 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 certificate 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
Mathematics	2½ units	Physical Science.....	1 unit

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

Latin	3 units	History	1 unit
English	3 units	Physical Science.....	1 unit
Mathematics	2½ units	Biological Science.....	1 unit

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

English.....	2 units	Mathematics.....	2 units
Foreign Language, 2 units, one of which must be Latin.			
Physical Sciences.....	1 unit	Biological Science.....	1 unit
History.....	1 unit		

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

Mathematics	3 units	English	3 units
Physics.....	1 unit		

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

In all of these courses the remainder of the fifteen units must be elected from the schedule of admitted units given on page 33.

THE ADMISSION UNITS IN DETAIL.

I. ENGLISH. Three Units.

1.—Each candidate for degrees will be required to write a paragraph or two on each of the several topics chosen by him from a considerable number set before him on the examination paper.

The topics will be drawn from the following works:

1907. Shakspeare's *The Merchant of Venice*, and *Macbeth*; The Sir Roger de Coverly Papers in *The Spectator*; Irving's *Life of Goldsmith*; Coleridge's *The Ancient Mariner*; Scott's *Ivanhoe* and *The Lady of the Lake*; Tennyson's *Gareth and Lynette*; *Lancelot and Elaine*, and *The Passing of Arthur*; Lowell's *The Vision of Sir Launfal*; George Eliot's *Silas Marner*.

The candidate is expected to read intelligently all the books prescribed. He should read them as he reads other books; he is expected, not to know them minutely, but to have freshly in mind their most important parts. In every case, knowledge of the book will be regarded as less important than ability to write clear and idiomatic English.

2.—A certain number of books are prescribed for careful study. This part of the examination will be upon subject matter, literary form, and logical structure, and will also test the candidate's ability to express his knowledge with clearness and accuracy.

The books prescribed for this part of the examination are:

1907. Shakspeare's *Julius Caesar*; Milton's *Lycidas*, *Comus*, *L'Allegre*, and *Il Penseroso*; Burke's *Speech on Conciliation with America*; Macaulay's *Essay on Addison and Life of Jackson*.

3.—The candidate will be expected to be able to write English that is not notably defective in point of spelling, punctuation, idiom, or division into paragraphs; to answer questions in English Grammar, and to be somewhat familiar with the lives and works of the prominent writers in English literature.

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.

4.—English History; One unit. Reasonable familiarity with the growth and development of England, and of the causes which have led to her greatness. 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 degrees 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 more 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 will be examined in the subject, and if found deficient will 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 *Gallie 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 *Catiline*, 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 for an 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.—THE 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 present, must include all of the subjects included in course I in Chemistry of 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 required. 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 required. 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, optional for entrance. Special attention should be given to the geometry of the sphere. The subject requires a daily recitation for one-half school year. Students who do not present Solid Geometry as one of their entrance subjects, will be required to take it in connection with their Freshman work.

ACCREDITED SCHOOLS.

The courses of the following schools have been examined by the state examiner, and found either wholly or partly adequate for entrance to the College of Liberal Arts, and to the School of Fine Arts of Ottawa University.

All students who present properly executed certificates from the schools in the list below will receive full credit for all work so certified.

Candidates from schools not included in any of the lists below, are invited to submit a careful statement of the work which they have done, giving as many of the facts pertaining to the work as may be accessible. Full credit will be given for all work which appears satisfactory, and examination required only on subjects which have not been done in a thoroughly satisfactory manner.

Class 1.

Schools in this list are fully accredited and are working under the most favorable conditions.

Name of School	Superintendent	Principal
Abilene	W. A. Stacey, B. S.	Chas. H. Brooks
Academy of Idaho,		
Pocatello		John W. Faris
Albuquerque, N. Mex.	J. E. Clark, M. Pd.	J. A. Miller, B. Pd.
Anthony	J. H. Clement, A. B.	Adeline M. Finn, A.B.
Argentine	H. P. Butcher, A. B.	Minnie J. Oliverson, A.B.
Arkansas City	L. W. Mayberry, A. B.	John F. Bender, A.B.
Atchison	N. T. Veatch	A. H. Speer, A. B.
Atchison Co. Edgingham		John W. Wilson, A. B.
Bartlesville, Oklahoma ..	Lynn Glover	Lynn Glover.
Beaverhead Co., Dillon,		
Montana		L. R. Foote, B. L.
Beloit	J. O. Hall, A. B.	T. P. Downs.
Burlingame	C. A. Deardorff M. E.	Grace Brigham, M. A.
Chanute	Jas. H. Adams	H. P. Shepherd, A. B.
Chase Co., Cottonwood		
Falls		B. F. Martin
Cherokee Co. Columbus ..		C. S. Bowman.
Clay Co., Clay Center		S. A. Bardwell.
Colleyville	W. M. Sisclair	H. S. Dwelle
Concordia	A. F. Senter, B. S.	Ray Green, B. S.
Council Grove	A. M. Thoroman	
Crawford Co., Cherokee ..		W. S. Pate.
Decatur Co., Oberlin		W. G. Riste.
Dickinson Co., Chapman ..		J. P. Perrill, B. P.
El Dorado	Warren Baker	C. F. Smith, B. S.
Edswehr	Homer S. Myers, A.M.	Lewis H. Beall, A.B.
El Reno	F. N. Howell, A. B.	E. A. Robinson, A. B.
Emporia	L. A. Lowther, A. M.	C. H. Lyon.
Eureka	B. E. Lewis, A. M.	W. A. Bailey, A. B.
*Fort Scott	D. M. Bowen, A. B.	J. R. Stokesberry, A.B.
Galena	Leslie T. Huffman	D. H. Holt.
Garnett	C. H. Oman	Geo. H. Marshall.

Name of School	Superintendent	Principal
Great Bend	C. A. Strong	W. L. Bowersox
Halstead	C. O. Smith	O. E. McCroskey, A.B.
Harper	E. E. Sluss, B. S.	Margaret W. Dean
Herington	A. J. McAllister	E. S. Lou Kinne, A. B.
Hiawatha	Geo. G. Pinney, A.B.	A. C. Andrews, A. B.
Holton	E. L. Holton, A. B.	W. H. Caruthers, A. B.
Hot Springs, Ark.	Geo. B. Cook	F. C. Nolen, A. B.
Humboldt	J. E. Cook	A. I. Decker
Hutchinson	R. R. Price, A. M.	Chas. A. Wagner, A.B.
Iola	Clifford A. Mitchell	L. H. Wishard
Joplin, Mo.	L. J. Hall	S. A. Baker, B. Pd.
Junction City	W. S. Heusner, A. M.	R. F. Mills, A. B.
Kansas City, Kans.	M. E. Pearson, B. D.	J. M. Winslow, A. M.
Labette Co., Altamont		W. M. Kyser, A. B.
La Junta, Colorado	George L. Hess, Ph.B.	Chas. E. Griffin, B. S.
Lawrence	F. P. Smith, A. M.	F. H. Olney, A. B.
Leavenworth	G. W. Kendrick	Belle Whitlock
Lewis Acad., Wichita	R. S. Lawrence, Ph.D.	J. M. Naylor, Ph.D.
Loretto Academy		
Kansas City, Mo.		Sister Louise Wise
Lyons	T. A. Edgerton	Louis Ringwalt
Mankato	F. W. Simmons, M. S.	Myrtle Pider, A. B.
Manual Training,		
Kansas City, Mo.	J. M. Greenwood, Ph.D.	E. D. Phillips, Ph.M.
Marion	H. H. Van Fleet, A.B.	Clara Morris
Marysville	C. B. Myers, A. B.	E. L. Heilman
McPherson	Chas. W. Kline, A.B.	Clinton Wright
Minneapolis	D. O. Smith, B. S.	Ethel McCaughey, A.B.
Montgomery Co.,		
Independence		S. M. Nees, B. S.
Newton	D. F. Shirk, A. B.	O. J. Silverwood, A. B.
Norton Co., Norton		H. H. Gerardy
Olathe	R. L. Parker, A. M.	W. H. Eisenman, A. B.
Ottawa	A. L. Bell, A. M.	W. D. Buchholtz, R. L.
Paola	F. K. Ferguson, B. S.	C. H. Hapworth, Ph. B.
Parsons	J. A. Bigdon, A. B.	Louise M. Schaub
Peabody	W. D. Ross, A. M.	Daisy Spillman, A. B.
Pittsburg	A. H. Bushey	R. E. Harlock, B. S.
Plainville	C. E. Rarick, A. B.	Lula A. Roach, A. B.
Prairie	W. Falkenrich, A. B.	Irene Crawford, A. B.
Prosser, K. C., Mo.		J. P. Richardson, A. B.
Rosedale	Geo. E. Rose, B. D.	Anna D. White, A. B.
Salina	G. R. Crissman, A. B.	John Lefty, A. B.
Sedgwick	Robt. N. Halbert, Ph.B.	E. C. Stinson

Name of School	Superintendent	Principal
Seneca	R. G. Mueller, A. B.	Pearl McCurdy, Ph.B.
Sheridan Co., Hoxie		Prin. Jent
Smith Center	T. H. Hooper, A. B.	A. McKechnie
Southern Kans.		
Acad., Eureka		James F. Eaton, A. M.
*Sumner Co., Wellington		W. C. McCroskey, A. B.
Sterling	Geo. L. Seeley, A. B.	Jeanette M. Inches, Ph.B.
St. Joseph, Mo.	J. A. Whiteford	R. H. Jordan, A. B.
Thomas Co., Colby		W. E. Ray, A. M.
*Topeka	L. D. Whittemore, A.M.H.	L. Miller, A. B.
Trego County, Wakeeney		J. H. Niesley
Univ. Mil. Acad. Columbia, Mo.		John G. Welch, A. M.
Univ. Prep. School,		
Kansas City, Mo.		Eugene E. Sallee, A. B.
Urbana University Acad., Urbana, Ill.		Russell Eaton, A. B.
Warrensburg, Mo.	N. G. Morrow, Pd. M.	Edward Beatty, Bd. B.
Washington	W. D. Vincent, A. B.	Paul S. Kanty, A. B.
Wentworth Mil. Acad.		
Lexington, Mo.	W. M. Hoge, A. M.	R. N. Cook, A. B.
Western Mil. Acad.		
Upper Alton, Ill.		Albert M. Jackson, A.M.
*Wichita	R. F. Knight, A. B.	E. H. Ellsworth, A. M.
Winfield	J. W. Spindler, A. M.	Blaine F. Moore, A. M.

*Schools accredited by the North Central Association of Colleges and Secondary Schools.

Class 2.

Schools named in this list are fully accredited, but fall short of the most favorable conditions in some respects. (It may be a shortage in laboratory equipment, short school term, or perhaps the teachers are required to carry too many recitations.)

Belleville	E. E. Haney	Dorothy Doyle
Burlington	Inez Chapman, A. B.	Myrtle Collins
Caldwell	D. C. Porter, A. B.	Mary Vasey
Cherryvale	A. J. Lovett, A. M.	E. L. Thompson
Clyde	C. M. Ware	Emma M. Palmer, A.B.
Ellis	B. E. Ford, B. S.	Minnie Wendel
Frankfort	M. G. Kirkpatrick	Harriet Landers
Garden City	E. F. Ewing, A. B.	May Catheart
Gas City	H. D. Ramsey	Alice Rose, A. B.
Gove Co., Gove		F. E. Dindley
Horton	W. W. Wood, A. B.	W. M. Blair, A. B.
Howard	Harley I. French	H. D. Paynter

Name of School.	Superintendent.	Principal.
La Harpe	A. J. Baker	Florence Mitchell, M.A.
Larned	W. S. Robb, B. S.	Mary E. Smith, Ph. B.
Lyndon	John H. Linn	John H. Linn
Neodesha	J. M. Stoffen	H. J. Davis
Osage City	E. C. Haekney	C. D. Jennings
Osborne	R. K. Farrar, B. S.	Emma Schleich, B. A.
Osawatomie	C. L. Williams	Floyd, B. Lee
Russell	N. U. Spangler	S. J. Butts, A. M.
Sabetha	Geo. T. Beach, A. M.	Mary Roseberry, A. B.
Stockton	Geo. B. Burkholder, B.P.	Ethel Smith, A. M.
Wamego	J. P. McCoy	Grace C. Eaton, B. A.
Yates Center	I. C. Gregory, A. B.	E. Grace Melton

Class 3.

The schools named in this list fall short of full preparation by not more than three units.

Alma	F. M. Patterson, B.S.D.	L. B. Burt
Attica	S. B. Mordy, M. A.	Harry Madge
Axtell	R. E. Long	
Augusta	J. H. Gibson	Vivian Roberts, A. B.
Belle Plaine	C. H. Landrum, A. M.	Lita Battey, A. B.
Blue Mound	A. S. Hiatt, A. B.	M. Ellen Dingus, B. S.
Bonner Springs	Joseph Stottler, M. S.	Vergie Williams
Bronson	C. M. Smith	Mrs. C. M. Smith
Blue Rapids	A. J. Clark, A. B.	H. J. Garnett
Burton	D. E. Conner	Ida B. Shive, A. B.
Cawker City	A. P. Gregory, B. S.	A. P. Gregory, B. S.
Centralia	A. U. Jarrett	Mary White, A. B.
Clifton	G. B. Buikstra, A. R.	W. A. Cain
Colony	John B. White	John B. White
Delphos	M. C. Shaible, B. S.	Belle Lundin, B. Ped.
Dixon Twp. Argonia	Will Poundstone	Josephine Bell, A. B.
Dodge City	R. M. Killian, A. B.	Howell P. Lair, A. B.
Douglass	R. A. Felton, Ph. B.	Etta Marshall
Erie	F. L. Pinet	Winfield Davis
Ekridge		J. H. Houston
Florence	C. E. St. John	Bertha VanHorn
Girard	W. W. Shideler, A.B.	Lillian Bell, A. B.
Glen Elder	R. L. Hamilton	Lulu Walton, A. B.
Greenleaf	L. P. Wharton, B. S.	Mary Lloyd, B. S.
Hartford	Anna H. Brogen	Anna H. Brogen
Hill City	A. E. Lunceford	Kathryn Chance
Hillboro	A. B. Cope, A. M.	

Name of School	Superintendent.	Principal.
Kingman	A. W. Ault, A. B.	Maud Babcock
Kinsley	D. A. Baugher	D. A. Daughner
La Cygne	J. E. Chamberlain	Maud Merriman
Lecompton	J. W. Murphy, A. B.	Alice Hyatt
Le Roy	E. W. Fent	Lena Ernst
Lincoln	I. L. Mitchell, B. Ped.	Nora Dalby
Logan	S. V. Mallory, B. S.	Edith Haile, B. Ped.
Maple Hill	Clarence Pearson, A. B.	Clara Carr, A. M.
Moline	J. L. Shearer, B. D.	Miss D. Bates
Moran	Geo. E. Jones	Miss C. J. Bailey
Mound City	O. B. Melia	J. L. Kyle
Nortonville	Guy T. Justis, A. B.	Hattie Freeland, A. B.
Omaha	Supt. French	Grace Steller, A. B.
Oskaloosa	W. A. Anderson, A. B.	Sophia Williams
Overbrook	J. E. Watson, A. B.	Helen Ingham, A. B.
Phillipsburg	T. O. Ramsey, A. B.	Blanche Gebhart, Ph.B.
Pleasanton	J. VanArsdale, A. B.	Catherine Hosford, A.B.
Rawlins Co., Atwood		C. W. McCormick, A.B.
Reading	Elizabeth Finlayson, B.S.	George L. Hensley
Scranton	J. M. Colburn	
Sedan	H. G. Adams, B. S.	E. J. Bennett
Sherman Co., Goodland	E. E. Mitchell, Ph. B.	Della Cardwell, A. B.
Solomon	W. O. Steen	Rhoda Field
Stafford	Arthur L. Stickle, A.M.	Henrietta H. Hall
Saint John	Chas. M. Hilleary	Joseph H. Byers, A. B.
St. Mary's	N. F. Dunn, A. M.	Miss Moriarty
Tonganoxie		F. A. Brockett
Tulsa, I. T.	J. G. Masters	
Valley Falls	S. D. Dice, A. B.	Maud Myers
Waterville	S. L. Soper, A. B.	Abby E. Beckwith, A.B.
Waverly	O. D. Coover	Ida M. Morrison
Weir	R. Rankin	Eva DeWeese
Wetmore	Jos. I. Knott	Halda L. Iso
Wilson	H. Coover	Agnes Clark

Class 4.

Schools named in this list offer courses that have been approved by the University, but they have not yet fulfilled other conditions for a credited relations.

Altoona	H. C. Duckworth
Boling	
Buffalo	Harriet M. Woodward
Burr Oak	H. E. Clewell
	F. Eaton, B. S.
	Inga Dahl

Name of School.	Superintendent.	Principal.
Cheney .....	.....	T. F. Kabler.
Corning	W. E. Anthony.	.....
Fernoso	G. W. Kleiberg, B. S.	.....
Gardner	J. W. Gowans, A. B.	.....
Glasco	E. C. Troemper.	.....
Gypsum	J. E. Coe, A. B.	.....
Havensville	B. F. Sinclair, A. B.	.....
Hoisington	J. J. Caldwell.	.....
Irring	B. M. Lockridge.	.....
Kincaid	Thos. E. Osborn.	.....
Lane Co. ....	.....	D. E. Haglund, A. R.
Lansing .....	.....	Jas. B. Kelsey.
Linwood .....	.....	Erwin E. Heath.
Little River	I. C. Meyer.	.....
Lorraine .....	.....	J. C. Anderson, B. P.
Louisburg	J. E. Stroud.	.....
Marquette	Chas. E. Davis.	.....
Scandia .....	.....	G. E. Thorpe.
Scott Co. ....	.....	R. Bullimore.
Sylvan Grove .....	.....	Fred Cooper, A. B.
Syracuse	H. E. Walter, A. B.	Effie Markwell.
Wathena	V. E. Postma.	Edna S. Whitney.
Wellsville	J. W. Roberts, A. B.	Ellen Cox.
Westmoreland	F. W. Comfort.	Nellie McClure, Ph. B.
Williamsburg	J. S. Lyon.	.....

The College Courses.

There are five regular courses in the College of Liberal Arts leading to the Baccalaureate degrees of Arts, Philosophy and Science. Each of these courses is four years in length. Each year is divided into two semesters of equal length. The total number of semester hours required for graduation from any of these courses is one hundred and twenty-six. Each student is expected to take sixteen hours work per week during the Freshman, Sophomore and Junior years and fifteen hours per week during the Senior year.

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.

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 De-

gree 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. As such graduates who have taken during their course the philosophy of education, history of education, school laws, methods of teaching and school management receive a three-years state certificate which may be exchanged for a life certificate after two years have been spent in successful teaching.

GROUPS LEADING TO SPECIFIC 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.	
Mathematics	II 2	Mathematics	III 3
Latin	I 3	Latin	II 3
Greek	I 3	Greek	II 5
Rhetoric	I 5	Chemistry	I 5
Elective	1		

SOPHOMORE.

Latin	III 2	Latin	IV 2
Greek	III 5	Greek	IV 5
French	IA or German IA. 5	French IB or German IB.	5
History	I 3	History	II 3
English	VIII 1	English	IX 1

JUNIOR.

Psychology	3	Psychology	3
English	X 3	English	XI 3
Elective	10	Elective	10

SENIOR.

Political Economy	3	Sociology	3
Ethics	2	Christian Evidences	3
Elective	10	Elective	9

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.	
Mathematics	II 2	Mathematics	III 3
German	IA 5	German	IB 5
Rhetoric	I 5	Chemistry	I 5
General Biology	I 3	General Biology	II 2
Elective	1	Elective	1

SOPHOMORE.

Mathematics	IV and V 5	Mathematics	VI 2
Chemistry	II 5	*Mathematics VII or Elective	3
Zoology	I 3	Chemistry	III 5
Histology	I 2	Zoology	II 3
English	VIII 1	Histology	II 2
		English	IX 1

JUNIOR.

Psychology	3	Psychology	3
English	X 3	English	XI 3
Electives	10	Electives	10

SENIOR.

Political Economy	3	Sociology	3
Ethics	2	Christian Evidences	3
Electives	10	Electives	9

*Prerequisite to Physics III and IV.

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.	
Mathematics	II 2	Mathematics	III 3
Latin	I 3	Latin	II 3
German	IA 5	German	IB 5
Rhetoric	I 5	Chemistry	I 5
Elective	1		

SOPHOMORE.

Latin	III 2	Latin	IV 2
German	II 4	German	III 4
French IA or Elective	5	French IB or Elective	5
History	I 3	History	II 3
English	VIII 1	English	IX 1
Elective	1	Elective	1

JUNIOR.

Psychology	3	Psychology	3
English	X 3	English	XI 3
Elective	10	Elective	10

SENIOR.

Political Economy	3	Sociology	3
Ethics	2	Christian Evidences	3
Electives	10	Electives	9

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.	
Mathematics	II 2	Mathematics	III 3
German IA or French IA	5	German IB or French IB	5
Rhetoric	I 5	Chemistry	I 5
Mech. Drawing	II 3	Mechanical Drawing	III 2
Free-hand Drawing	I 1	Free-hand Drawing	I 1

SOPHOMORE.

Mathematics	IV and V 5	Mathematics	VI 2
Chemistry	II 5	Mathematics	VII 3
Mathematics	XI 2	Mechanical Drawing	VI 3
Mech. Drawing	IV 3	Chemistry	III 5
English	VIII 1	Mechanical Drawing	V 2
		English	IX 1

JUNIOR.

Mathematics	VIII 5	Mathematics	IX or X 5
*Physics	III 5	*Physics	IV 5
Geology	I 5	Geology	II 3
Elective	1	English	2
		Elective	1

SENIOR.

Political Economy	3	*Physics	IV 5
Ethics	2	Christian Evidences	3
*Physics	III 5	Sociology	3
Elective	5	Mathematics	IX or X 5

* † Given alternate years.

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.	
Mathematics	II 2	Mathematics	III 3
German IA or French IA	5	German IB or French IB	5
Biology, General	I 3	Biology, General	II 2
Rhetoric	I 5	Chemistry	I 5
Free-hand Drawing	I 1	Free-hand Drawing	I 1

SOPHOMORE.

Physiology	I 3	Physiology	II 3
Zoology	I 3	Zoology	II 3
Histology	I 2	Histology	II 2
Chemistry	II 5	Chemistry	III 5
English	VIII 1	English	IX 1
Electives	2	Electives	2

JUNIOR.

Psychology	3	Psychology	3
*Physics	I 3	*Physics	II 3
Chemistry	IV 3	Chemistry	V 2
English	X 3	English	XI 3
Electives	4	Cytology	3
		Electives	2

SENIOR.

Political Economy	3	Sociology	3
Ethics	2	Christian Evidences	3
Physiology	III 5	Botany	III 2
Electives	7	Electives	5

* Given in 1907-8 and every second year thereafter.

Department of Study.

The following pages contain a full statement of the courses of study offered to the college students arranged by departments. The work required in each of the five regular courses 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.

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 catalog 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 special fee is attached to these courses.

For credits allowed for this work see The School of Fine Arts.

BIBLICAL LITERATURE.

This is a christian institution and strong emphasis is placed upon the place of the Bible in literature and in the development of life. The courses offered are planned with a view of giving the student a general view of Biblical history and a method of Biblical study.

I.—The Bible, its manuscripts, history, translations, literary forms and historical sidelights. Two hours, Fall Semester. Elective for Juniors and Seniors.

II.—The Messages of the Prophets. A study of the rise of prophetism including an analysis of several of the books of the prophets. Two hours, Spring Semester. Elective for Juniors and Seniors.

III.—Old Testament History. Three hours, Fall Semester, 1907, elective for all college students.

IV.—New Testament History. Three hours, Spring Semester, 1908, elective for all college students.

Besides these courses, for which credit is given, the Christian Associations provide Bible classes for each class for which no college credit is given. These student classes are led by some capable students.

BIOLOGY.

1.—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, three 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.

BOTANY.

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 nonpathogenic bacteria. Culture methods, inoculation, sterilization, prevention of disease, etc. Open to those who have had Histology and Advanced Physiology.

Two hours, Spring Semester, required of Seniors registered

in the pre-medical group; elective for others who are qualified to carry the work.

CHEMISTRY.

There are three laboratories for this department in Science Hall: one devoted to General Chemistry with equipment for thirty students; a second for Advanced Chemistry; a third for special tests and gravimetric experiments.

I.—General Chemistry. Lectures and recitations on the chemical elements, their compounds, and the laws of chemical change. The lectures are thoroughly illustrated by experiments. The student is required to work in the chemical laboratory under the direction of the instructor four hours each week, to make appropriate experiments connected with the elements studied, and to tabulate his results. Text-book, Remsen's Briefer Course.

Spring Semester, five hours, required of all Freshmen.

II.—Qualitative Analysis. The occurrence, methods of preparation, properties, and uses of the metals; their important compounds with their separation and determination, together with the identification of acid radicals. The complete analysis of easy unknown compounds is required. The identification of some of the metallic elements, by means of the spectroscope, is given. Lectures on Ionization, Solutions, Chemical Action, Methods of Analysis.

Fall Semester, five hours, required of Scientific Pre-Medical and Pre-Engineering Freshmen, elective for others.

III.—Quantitative Analysis. Both volumetric and gravimetric analyses are made. Occasional lectures on the application of Chemistry to other sciences and its relation to the various vocations of life.

Spring Semester, five hours, required of Scientific Pre-Medical and Pre-Engineering Sophomores, elective for others.

IV.—Organic Chemistry. The study of the compounds of carbon through the aliphatic series. Lectures and Remsen's Organic Chemistry as a text. Laboratory work illustrating the text and the preparation of easy organic compounds.

Fall Semester, three hours, required of Pre-medical Sophomores, elective for others.

V.—Lecture Course. Dealing with the history and development of Chemistry, including a discussion of the periodic law, and its influence in chemical work. The recent advances made in

Physical Chemistry and the methods of work are given attention.

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

VI.—Physiological Chemistry. The products of the physiological processes. The chemistry of the life process; dietetics, and other kindred subjects. Lectures, and laboratory work.

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

Normal Science.—This course is offered to those who expect to teach the different subjects included in a general Science Course. Lectures on the methods of teaching, laboratory preparations and materials.

CYTOLOGY.

A course dealing with the structure and functions of the cell, with methods of work; special reference to the developmental phenomena of cell life, and the various problems centering upon the cell as the mechanism of hereditary transmission. Open to those who have taken Histology.

Three hours, Spring Semester. Required of Pre-medical Juniors, elective for Juniors and Seniors.

EDUCATION.

I.—The Philosophy of Education. Definition, scope, aim and method of education as applied to man. The theory of physical education. Subjective and objective activities of mind, the theory of intellection, perception, imagination, memory, thought, activities of the will in relation to society, the ethical judgment, logic, ethics, and religion. The historical application of theoretical education in specific systems.

Class lectures, assigned reading of not less than 1,000 pages, reported in the form of abstracts every second week.

Fall Semester, four hours, elective for Juniors and Seniors. Open to others only by special permission.

II.—School Methods. The psychological elements of education. The child, its development, laws of growth, and potential powers. The teacher, his functions, opportunities, and limitations. The curriculum; its content, the relation and sequence of its parts, modes of development and presentation. The ideal; mental, moral and physical development; modes of aiding each.

Spring Semester, five hours, elective for Juniors and Seniors of the College course only, unless by express permission of the instructor or of the President.

III.—School Management. The mechanism of the educa-

tional process. Hygiene; child-growth, physical and mental, limits of activity, care of the body and proper use of the sense organs. The apparatus: the building, its architecture, ventilation, warming, lighting, sanitation, furniture. Management: discipline, curriculum, program, the act of teaching.

Spring Semester, five hours, elective for Juniors and Seniors of the College course only, unless by special permission of the instructor or of the President.

Students will be required to read in connection with the two courses above announced not less than 2,000 pages of assigned literature. All reading assigned must be reported in the form of abstracts due each second week.

IV.—The History of Education. A careful review of the progress of educational ideas and methods from the earliest times to the present. The subject will be treated in two divisions, the first dealing with Pre-Christian education, and the second covering the history of education from the time of Christ to the present. The two parts of the course may be elected separately, and a credit of 2½ semester hours will be allowed for each half so selected.

The work of the course will be conducted by lectures, written quizzes, and assigned reading on which abstracts will be required every second week. Not less than 2,000 pages of reading must be done by those desiring credit for the entire course, and not less than 1,000 pages by those desiring credit for either half of the work.

Spring Semester, five hours, elective for all Juniors and Seniors.

V.—School Law. Statute laws relating to the organization, management, classification, and maintenance of public schools; the history of school law.

Fall Semester, one hour, elective for Collegiate Juniors and Seniors.

Note: Under the state law of Kansas, graduates of the College of this University, who shall have taken in connection with their college course the five professional courses above announced, are entitled without further examination to a three-year state teachers' certificate entitling them to teach in any public school in the State of Kansas, and of some other states. If the holder of the certificate teaches creditably during two of the three years during which it is in force, he may secure at the close of the third year, without further examination a life certificate. (Laws, chapter 179, section 2)

ELOCUTION.

Attention is called to the course in Elocution or Expression as outlined in the section of the catalog devoted to The School of Fine Arts. A complete course is offered. It can be taken either by itself or in connection with regular college work. A special fee is charged for this work.

For college credits allowed see The School of Fine Arts.

ENGLISH LANGUAGE AND LITERATURE.

The equipment for this department is contained in the University library, and consists of a growing collection of books on English literature.

English Language.

Ia.—Rhetoric and English Composition. Fall Semester. First half, five hours. A course in the principles of composition, with themes, recitations, and conferences. Required of all Freshmen.

Ib.—Rhetoric and English Composition. Fall Semester. Second half, five hours. A continuation of Ia, with themes based on several of the best English classics. Required of all Freshmen.

VIII.—Advanced Composition. Fall Semester, one hour. A course in composition with especial attention to exposition, argument, and persuasion. Required of all Sophomores.

IX.—Advanced Composition. Spring Semester, one hour. A continuation of Course VIII. Required of all Sophomores.

English Literature.

III.—Shakespeare. Fall Semester, five hours. Lectures and recitations upon the life and times of Shakespeare. Study and interpretation of three plays with special attention to Elizabethan grammar, literary form, plot construction, and character study. Two theses required. Open to Juniors and Seniors.

IV.—English Literature of the Eighteenth Century. Spring Semester, five hours. A study of the period from the time of Swift to the publication of the Lyrical Ballads. Lectures, critical study in class of the writings of this period, library work, and the preparation of two theses. Open to Juniors and Seniors.

V.—English Literature of the Nineteenth Century. Spring Semester, five hours. A general survey of the novelists, essayists, and historians of the period. Lectures, critical study in class, library work and the preparation of two theses. The authors

studied are Austen, Scott, Dickens, Thackeray, Eliot, DeQuincy, Lamb, Carlyle, Macaulay, Ruskin, Arnold. Open to Juniors and Seniors.

VI.—American Literature. Fall Semester, five hours. General history with special reference to the work of the best known writers. Lectures, critical class study, library work, and the preparation of two theses. Open to Juniors and Seniors.

VII.—Chaucer. Spring Semester, two hours. A study and interpretation of the Prologue, and three of the Canterbury Tales. Special attention given to the development of the English language. One thesis required.

X.—English Literature. Fall Semester, three hours. A general survey of English, with thesis based on the reading of representative authors. Required of all Juniors except Pre-Engineering.

XI.—English Literature. Spring Semester, three hours. A continuation of Course X. Required of all Juniors except Pre-Engineering.

Besides these formal courses the following work in English is required of all college students.

1.—Every Freshman will be required to deliver one declamation. The class is divided into two sections, and appropriate instruction and drill provided for each student.

2.—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 fifteenth 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.

FRENCH

To secure the most efficient command of the French language

the students are drilled to understand the spoken as well as the written language. All of the reading during the first year is made the basis for work in composition or conversation. In addition to this phonographs have been added to the equipment and laboratory practice has been adopted. This method enable the students to hear a passage repeated till they have absolutely mastered all the difficulties it may contain, and it also provides them with an unchanging model to which they can strive to conform their own pronunciation. The phonetical script of the Association Phonétique has been used in this connection with excellent results. The French records used are very clear and good.

I.—French, A and B. Easy Reading (Whitney's Elementary Reader, or an equivalent), Conversation and Composition based on the text read. Drill in elementary phonetics, with some use of the phonetical script. Practice with the phonograph. Oral and written reproduction of stories heard but not seen. Grammar. The work is done chiefly by means of the students' note books.

Five hours, Fall and Spring Semesters. No credit is given the student till the year's work is completed.

II.—French. Reading, texts of increasing difficulty, one book at least in phonetical script. The text prepared is recited, not translated. Compositions based on the text read, and rewriting of stories told to the class, and very easy lectures. Advanced work in grammar. Practice with the phonographs.

Four hours, Fall Semester. Open to students having completed French I the previous year. Other students are admitted to the class only by special arrangement.

III.—Continuation of Course II.

Four hours. Spring Semester.

Electives will be offered in this department as may be required and time permit.

GEOLOGY.

The museum contains a large number of geological specimens conveniently arranged in cases and properly numbered which serve as laboratory material for these courses. Some field work is always done with the classes. The library has a nucleus of excellent books for reference.

I.—General Geology. LeConte's Elements of Geology is used as a text. Occasional lectures on current geological problems and discoveries are given. Excursions to points of local geological

interest are made. The collection and classification of not less than ten different fossil specimens. The preparation of an acceptable thesis on some correlated subject is required at the close of the course.

Fall Semester, five hours, required of all Pre-Engineers and Pre-Medicals; elective for others.

II.—Mineralogy. The composition and physical character of the common minerals and rocks likely to be met in everyday observation and geological pursuits. The instruction includes both laboratory and text book work.

Spring Semester, three hours, elective for Juniors and Seniors. Required of pre-engineers.

III.—Paleontology. Lectures on the nature and position of different fossil groups. The relation which the various pre-historic fauna and flora bear to each other. The student is expected to become familiar with the fossils common in Kansas.

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

IV.—Economic Geology. As the name indicates, it is the practical side that is here made prominent. Some of the topics of economic importance considered are: common rock and vein-forming minerals, origin of ore deposits, mining terms and methods, coal, petroleum, natural gas, clays, geological fertilizers, the relation of geology to agriculture.

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

GERMAN.

The aim of the work in this department is to give the students a serviceable command of the German language, and also a sound and reliable training for any kind of advanced linguistic study.

To secure the first end the students are drilled to understand readily the spoken as well as the written language, and to acquire a steadily increasing vocabulary, which they are expected to use correctly from the very beginning, both in speaking and in writing. Practically nothing is read during the first year that is not made the basis of work in composition or conversation.

I.—German, A and B. Easy reading, an elementary reader. Composition and conversation based on the text read. Oral and written reproduction of stories heard but not seen. Grammar, taught chiefly by means of the students' note-books.

Five hours, Fall and Spring Semesters. No credit will be given the student till the year's work is completed. Required of all Philosophical and Scientific Freshmen who enter the college without German, and of Sophomores in the Arts Course.

II.—German. Reading, texts of increasing difficulty, which are recited, not translated in class. Written outlines of the books read, reproduction of stories heard, easy letters. Drill in advanced grammar.

Four hours, Fall Semester.

III.—German. Modern Prose Writers. Outside reading assigned to the students. (Some of this reading may be of a scientific nature.) Written and oral reports by the class, easy lectures.

Four hours, Spring Semester, required of all students of whom Course II is required. Open as an elective to all students having completed German II.

Electives will be offered in this department whenever a legitimate demand for them rises and the department can furnish the required time and equipment. These electives will give the student opportunity for more advanced work in composition, for rapid reading and work in literature. The courses will be open to students only on consultation with the head of the department.

THE GREEK LANGUAGE AND LITERATURE.

The work is planned with the primary aim of helping the students to understand and appreciate the Greek element in the civilization of today. On the linguistic side the aim is to enable the student as soon as possible to read the simpler of those masterpieces which have most powerfully influenced subsequent literature and thought. Thus the courses prescribed for candidates for the degree of A. B. include an introduction to Plato and Homer, while electives provide for the continued study of these authors and an introduction to the drama. The stereopticon, stereoscopes, and photographs are freely used as aids in reproducing the material aspects of contemporary Greek life. Students for the ministry will each year be given the opportunity to study New Testament Greek. Each year there will also be opportunity for those who do not know the language to study some aspect of Greek civilization.

I.—The Elements of Greek. Mastery of the inflectional system and a vocabulary of about five hundred words; elements of syntax, exercises, and simple connected readings. In the acquisition of vocabulary, particular attention is given to the composition

and derivation of words and to Latin and English cognates and derivatives.

Five hours, Fall Semester, required of classical Freshmen and elective for all other students in the college.

II.—Xenophon's Anabasis. The reading of the first book and as much of the second as time will permit, systematic attention to the acquisition of vocabulary, studies in Greek syntax.

Five hours, Spring Semester, required of classical Freshmen and elective for other college students.

III.—Plato: The Apology, Krito, and Selections from the Phaedo. These selections center about the personality of Socrates, probably the most fascinating character of classical antiquity, and include his defense when put on trial for corrupting the youths, and an account of conversations with his friends immediately before his death. With the reading of the text there are studies in Athenian life and art, illustrated by lantern and stereoscope.

Five hours, Fall Semester, required of classical Sophomores and elective for all college students who have taken I and II.

IV.—Homer: The Odyssey. The selections include the most interesting portions of books I—XII. Homeric vocabulary is systematically studied from the beginning. The primary purpose of the course will be to enable the student to read the Homeric poems with readiness and pleasure. "Myceanaean" life and art from the subject of supplementary studies.

Five hours, Spring Semester, required of classical Sophomores and elective for all college students who have had courses I—III or their equivalent.

Elective Courses.

Open to all students who have had courses I-IV or their equivalent.

VII.—Plato, Selected Dialogues. Readings from the less technical dialogues illustrating Plato's brilliancy of style, and at the same time affording an introduction to his ethical, social, and political ideas. These ideas are discussed in their relation to present day problems.

Three hours, Fall Semester, 1907.

VIII.—Homer. The reading and interpretation of passages of particular literary or human interest, the selections being chiefly from the Iliad.

Three hours, Fall Semester, 1908.

IX.—Introduction to the Study of New Testament Greek. Study of the characteristics of the dialect, especially divergencies from Attic syntax. The passages read will be from the synoptic Gospels or the Acts.

Two or more hours, Fall Semester, 1907.

X.—Pauline Epistles. The reading of selections with the study of important words.

Two or more hours, Fall Semester, 1908.

XIV.—Aristophanes and Greek Comedy. Selected plays read in the Greek and translated. Studies in Athenian private life and the antiquities of the Greek theater.

Three hours, Spring Semester, 1909.

XV.—Greek Tragedy. The Medea of Euripides and the Antigone of Sophocles studied as an introduction to Greek tragedy. The characteristics of ancient and modern tragedy are compared.

Three hours, Spring Semester, 1908.

XXI.—The History of Greek Art. Lectures, assigned readings, and the preparation of papers. The various topics are illustrated by the use of the stereopticon, the stereoscope, and a good collection of photographs.

Two hours, Spring Semester, 1909.

XXV.—Plato in English. The study and analysis of selections chiefly from the Republic, Plato's most comprehensive, suggestive, and brilliant work. Emphasis is placed on those elements which have been and still are influential in shaping the world's thought on ethics, politics, sociology, education and religion. The course may be taken as a supplement of course VII, but it is open to those who have no knowledge of Greek.

HISTOLOGY.

I.—A course in the various phases of Histological Technique; injecting, hardening, staining, cutting and mounting. Preparation and mounting forty sections of typical tissues. Lectures and laboratory work.

Two hours, Fall Semester, required of Scientific and Pre-Medical Sophomores.

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

HISTORY.

In some of the courses in this department text books are used. In other courses the Library method is pursued. Considerable