

Catalogue

...OF...

Macalester College



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1894-95.

**M**ACALESTER COLLEGE is situated in Macal-  
ester Park, a suburb of St. Paul, in the central  
part of the interurban district.

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Recommended by the Synod of Minnesota to the  
support and sympathy of the churches.  
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TENTH ANNUAL

.. Catalogue ..

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OF

Macalester College.

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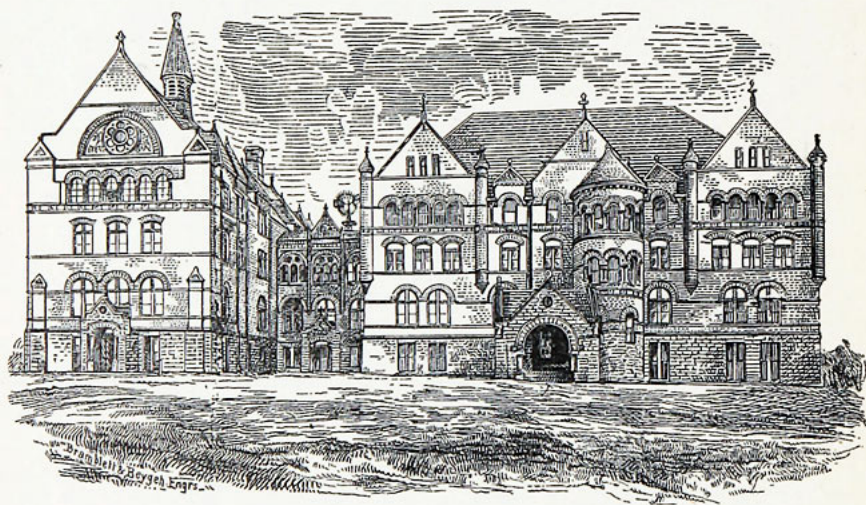
1894-1895.

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ST. PAUL, MINN.

RICH & CLYMER,

1895.



# COLLEGE CALENDAR.

**1895.**

**JULY.**

S	M	T	W	T	F	S
...	1	2	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	31	...	...	...

**AUGUST.**

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18	19	20	21	22	23	24
25	26	27	28	29	30	31

**SEPTEMBER.**

1	2	3	4	5	6	7
8	9	10	11	12	13	14
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29	30	...	...	...	...	...

**OCTOBER.**

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27	28	29	30	31	...	...

**NOVEMBER.**

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**DECEMBER.**

1	2	3	4	5	6	7
8	9	10	11	12	13	14
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22	23	24	25	26	27	28
29	30	31	...	...	...	...

**1896.**

**JANUARY.**

S	M	T	W	T	F	S
...	...	...	1	2	3	4
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12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	...

**FEBRUARY.**

...	...	...	...	...	...	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
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23	24	25	26	27	28	29

**MARCH.**

1	2	3	4	5	6	7
8	9	10	11	12	13	14
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22	23	24	25	26	27	28
29	30	31	...	...	...	...

**APRIL.**

...	...	...	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
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**MAY.**

...	...	...	...	...	1	2
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
31	...	...	...	...	...	...

**JUNE.**

...	1	2	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	...	...	...	...

## COLLEGE CALENDAR.

1895.

- September 10, Tuesday, 10 A. M. Entrance Examinations.  
 September 11, Wednesday, 10:30 A. M. Fall Term begins. Opening Address by Prof. Geo. W. Davis.  
 November 28, Thursday. Thanksgiving Recess.  
 December 19, Thursday. 12 M. Fall Term ends.

1896.

- January 1, Wednesday 10:30 A. M. Winter Term begins. Opening Address by the Dean.  
 January 12, Sunday. Day of Prayer for Colleges.  
 February 22, Saturday. Washington's Birthday.  
 March 26, Thursday, 12 M. Winter Term ends.  
 April 1, Wednesday. Spring Term begins. Opening Address by Professor Edward C. Downing.  
 May 16, Saturday. Senior Vacation begins.  
 May 30, Saturday. Decoration Day.  
 June 6, Saturday, 8 P. M. The Parthenon Declamation Contest.  
 June 7, Sunday, 3 P. M. Baccalaureate Sermon.  
 June 7, Sunday, 8 P. M. Annual Address before the Y. M. C. A.  
 June 8, Monday, 9 A. M. Field Day.  
 " " 8 P. M. Commencement of the Preparatory Department.  
 June 9, Tuesday, 10 A. M. Annual Meeting of the Board of Trustees in the College Library.  
 June 9, Tuesday, 2 P. M. Class Day.  
 " " 8 P. M. Alumni Banquet.  
 June 10, Wednesday, 9:30 A. M. Seventh Annual Commencement.

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 BOARD OF TRUSTEES.
 

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## CLASS OF 1896.

REV. J. B. DONALDSON, D. D.,	Minneapolis, Minn.
PROF. B. F. WRIGHT,	Saint Paul, Minn.
WILLIAM M. TENNEY,	Minneapolis, Minn.
REV. T. H. CLELAND, D. D.,	Duluth, Minn.
GEO. D. DAYTON,	Worthington, Minn.

## CLASS OF 1897.

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REV. F. W. SNEED,	Minneapolis, Minn.
HENRY L. MOSS,	Saint Paul, Minn.
CHAS. T. THOMPSON,	Minneapolis, Minn.
JAMES WALLACE, PH. D., ex-officio,	Saint Paul, Minn.

## CLASS OF 1898.

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H. KNOX TAYLOR,	Saint Paul, Minn.
THOMAS COCHRAN,	Saint Paul, Minn.
THOMAS H. DICKSON,	Saint Paul, Minn.
W. C. EDWARDS,	Saint Paul, Minn.

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 HONORARY MEMBERS.
 

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HENRY J. HORN,	Saint Paul, Minn.
A. M. REID,	Minneapolis, Minn.
HON. ALEXANDER RAMSEY,	Saint Paul, Minn.
REV. J. C. WHITNEY,	Minneapolis, Minn.

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 OFFICERS OF THE BOARD.
 

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T. H. DICKSON,	Vice President.
B. F. WRIGHT,	Secretary.
H. KNOX TAYLOR,	Treasurer.

COMITTEES OF THE BOARD.

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EXECUTIVE COMMITTEE.

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JAMES WALLACE, Chairman,  
 CHAS. T. THOMPSON, THOS. COCHRAN,  
 H. K. TAYLOR, THOS. H. DICKSON.

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FINANCE COMMITTEE.

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WILLIAM M. TENNEY, W. C. EDWARDS,  
 GEO. D. DAYTON, H. KNOX TAYLOR.

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COMMITTEE ON INSTRUCTION.

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REV. PLEASANT HUNTER, PROF. B. F. WRIGHT,  
 JAMES WALLACE, ex-officio, REV. F. W. SNEED.

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COMMITTEE ON BUILDINGS AND GROUNDS.

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HENRY L. MOSS, W. C. EDWARDS.



FACULTY.

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PROFESSOR OF GREEK AND ANGLO-SAXON.

EDWARD COLLINS DOWNING, A. M.,  
PROFESSOR OF LATIN LANGUAGE AND LITERATURE.

ANDREW WORK ANDERSON, A. M.,  
PROFESSOR OF MENTAL SCIENCE AND ENGLISH.

REV. GEORGE WILLIAM DAVIS, PH. D.,  
PROFESSOR OF HEBREW, ENGLISH HISTORY AND  
LITERATURE.

JOHN J. TRASK, A. B.,  
PROFESSOR OF MATHEMATICS AND ASTRONOMY.

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PROFESSOR OF PHYSICS AND CHEMISTRY.

LESTER DORMAN BROWN, A. B.,  
ASSISTANT PROFESSOR OF GREEK AND GERMAN.

MRS. ABBIE M. TRASK,  
INSTRUCTOR IN GERMAN.

REV. EMIL LUND, A. B.,  
INSTRUCTOR IN SCANDINAVIAN LANGUAGES.

HARRY E. PHILLIPS,  
PROFESSOR OF MUSIC AND VOICE CULTURE.

MISS MARGUERITE MORTON,  
INSTRUCTOR IN ELOCUTION.

ORLANDO H. CHEEKS,  
INSTRUCTOR IN DRAWING.

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LECTURERS FOR THE COMING YEAR.

REV. JOHN PAUL EGBERT, D. D.,  
CHRISTIANITY APPLIED TO CURRENT SOCIAL PROBLEMS.

EX-SENATOR S. J. R. McMILLAN,  
THE CONSTITUTION OF THE UNITED STATES.

GENERAL EDWIN C. MASON,  
THE HISTORY OF MILITARY SCIENCE.

REV. DAVID S. McCASLIN, D. D.,  
LEADERS OF SCIENTIFIC THOUGHT.

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OTHER OFFICIALS.

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ANDREW W. ANDERSON,	Acting Librarian.
MRS. ELIZABETH HIGGINS,	Matron of the Dormitory.
MISS ADA WILSON,	Matron of Edwards Hall.
SAMUEL COOKMAN,	Janitor.

OFFICERS AND COMMITTEES OF THE FACULTY.

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**Secretary.**

EDWARD C. DOWNING.

**Registrar.**

JOHN J. TRASK.

**On Buildings and Dormitory.**

JAMES WALLACE,  
GEORGE W. DAVIS,  
JOHN J. TRASK.

**On Rules and Discipline.**

JAMES WALLACE,  
GEORGE W. DAVIS,  
LESTER D. BROWN.

**On Gymnasium and Athletics.**

ANDREW W. ANDERSON,  
LESTER D. BROWN.

**On Public Exercises.**

EDWARD C. DOWNING,  
HARRY E. PHILLIPS,  
MISS MARGUERITE MORTON.

**On Curriculum.**

JAMES WALLACE,  
ANDREW W. ANDERSON,  
JOHN J. TRASK.

**On Publications.**

EDWARD C. DOWNING,  
LESTER D. BROWN.

**On Library.**

ANDREW W. ANDERSON,  
GEORGE W. DAVIS.

**On Reading-Room.**

GEORGE W. DAVIS,  
EDWARD C. DOWNING.

**On Schedules.**

ANDREW W. ANDERSON.

## THE COLLEGIATE DEPARTMENT.

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### COURSES OF STUDY.

This department embraces the following general courses:

I. **THE ANCIENT CLASSICAL COURSE**, leading to the degree of A. B.

II. **THE MODERN CLASSICAL COURSE**, leading to the degree of A. B.

III. **THE LITERARY COURSE**, leading to the degree of Lit. B.

These courses differ as follows:

**The Ancient Classical** requires Latin and Greek to the end of the Sophomore year.

**The Modern Classical** requires Latin and German for the same period.

**The Literary** differs from the Modern Classical in substituting French for the Latin of the Freshman and Sophomore years, and in making the mathematics of the Sophomore year elective.

On entrance, the student makes choice of one of the above courses. Thereafter no variation is permitted except by consent of the Faculty.

In the Junior and Senior years and in the Sophomore year of the Literary course, elective courses are offered in the following subjects: Mathematics, Hebrew, Greek, Latin, German, French, History and Political Economy, Natural Sciences, and Philosophy.

These general and elective courses of study, it is believed, are sufficiently broad to meet the ordinary wants of students who are preparing to take up professional or technical studies.

**Partial Courses.**—With the approval of the Faculty, students who are not looking forward to a degree, and who have sufficient preparation, are admitted to select courses. But in such cases a minimum of twelve hours a week will be required.

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#### ADMISSION TO THE COLLEGE.

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**Testimonials.**—Applicants for admission to the College must present satisfactory testimonials of good moral character, and those who come from other institutions of learning are required to present certificates of honorable dismissal therefrom.

**Admission from the Academy.**—Graduates from Macalester Academy are admitted to the College course, for which they have prepared, without examination.

**Admission from Other Institutions.**—Grades and certificates from other colleges, from academies and high schools will be accepted in lieu of examinations in so far as they represent an equivalent of preparation. Verbal reports of standing will not be accepted.

**Deficiencies.**—Students who are not fully up to the requirements will be given every opportunity to remove their deficiencies, but no student should undertake to make up more than one third of a year's work.

REQUIREMENTS FOR ADMISSION TO THE FRESH-  
MAN CLASS.

I. **General.**—Common to all courses are the following:—

**English.**—Orthography, Grammar, Word Analysis, Elements of Rhetoric.

In 1896 and thereafter, candidates will be examined in a number of English classics, recommended by the Commission of Colleges in New England. This examination will consist of two parts: the first, to test the candidate's general knowledge of the subject-matter of a number of classics; the second, to test his knowledge not only of the subject-matter, but also of the form and structure of a smaller number of works. The two parts of the examination will test, at the same time, his ability to write clear and correct English.

The books set for the first part of this examination will be:—

For 1896: Shakespeare's *A Midsummer Night's Dream*; Defoe's *History of the Plague in London*; Irving's *Tales of a Traveler*; Scott's *Woodstock*; Macaulay's *Essay on Milton*; Longfellow's *Evangeline*; George Eliot's *Silas Marner*.

For 1897: Shakespeare's *As You Like It*; Defoe's *History of the Plague in London*; Irving's *Tales of a Traveler*; Hawthorne's *Twice Told Tales*; Longfellow's *Evangeline*; George Eliot's *Silas Marner*.

For 1898: Milton's *Paradise Lost*, Books i. and ii.; Pope's *Iliad*, Books i. and xxii.; The *Sir Roger de Coverley Papers* in the *Spectator*; Goldsmith's *The Vicar of Wakefield*; Coleridge's *Ancient Mariner*; Southey's *Life of Nelson*; Carlyle's *Essay on Burns*; Lowell's *Vision of Sir Launfal*; Hawthorne's *The House of the Seven Gables*.

The books set for the second part of this examination will be:—

For 1896: Shakespeare's *Merchant of Venice*; Milton's *L'Allegro*, *Il Penseroso*, *Comus*, and *Lycidas*; Webster's *First Bunker Hill Oration*.

For 1897: Shakespeare's Merchant of Venice; Burke's Speech on Conciliation with America; Scott's Marmion; Macaulay's Life of Samuel Johnson.

For 1898: Shakespeare's Macbeth; Burke's Speech on Conciliation with America; DeQuincey's The Flight of a Tartar Tribe; Tennyson's The Princess.

**History.**—History of the United States (Johnston, Fiske, or Andrews preferred), General History (Swinton, Myers, Barnes, or Fisher preferred).

For 1896 and thereafter, Oman's History of Greece and Allen's Short History of the Roman People, or their equivalents, will be required with the above.

**Civil Government.**—Fiske preferred.

**Natural Science.**—Anatomy and Physiology (Martin's Human Body), Physical Geography.

For 1896 and thereafter, Elements of Biology or Botany, Elementary Physics (Carhart and Chute, or Appleton).

**Mathematics.**—Arithmetic, Algebra through quadratic equations, Plane Geometry.

For 1896 and thereafter, Geometry, both Plane and Solid will be required.

**Latin.**—Grammar (Harkness preferred); Cæsar, four books; Nepos; Cicero, four orations; Vergil, four books; Prose Composition.

II. **Special.**—In addition to the above, the following are required:

1. **For the Ancient Classical Course.**—Greek Grammar (Hadley-Allen); Lessons; Anabasis, four books (Harper and Wallace); Prose Composition (Jones, twenty lessons or their equivalent).

2. **For the Modern Classical and the Literary.**—German Grammar (Whitney or Worman), Reader and Prose Composition.

## OUTLINE OF STUDY.

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### FRESHMAN YEAR.

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#### FIRST TERM.

Bible: Old Testament	- - - -	*2
English: History of the English Language	- -	2
Mathematics: Algebra completed	- -	4

#### †ELECTIVE.

Latin: Cicero, De Senectute	- - -	4
Greek: Herodotus; Composition	- -	4
German: Grimm's Fairy Tales; Grammar	- -	4
French: Grammar and Reader	- - -	4

#### SECOND TERM.

Bible: Old Testament	- - - - -	2
English: Rhetoric; Style, study of models; Themes	- -	2
Mathematics: Plane Trigonometry	- -	4

#### ELECTIVE.

Latin: Cicero, de Amicitia	- - -	4
Greek: Herodotus; Homer; Composition	- -	4
German; Der Neffe als Onkel: Grammar	- -	4
French: Grammar and Reader	- - -	4

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\*The numbers at the right give the number of hours a week.

†Latin is required of those electing either the Ancient Classical or the Modern Classical course; Greek, of those electing the Ancient Classical; German, of those electing the Modern Classical; French, of those electing the Literary.



THIRD TERM.

Bible: Old Testament	- - - - -	2
English: Rhetoric; Style, study of models; Themes		2
Mathematics, Spherical Trigonometry	-	4

ELECTIVE.

Latin: Livy	- - - - -	4
Greek: Homer; Composition	- - -	4
French: Reader and Composition	- - -	4
German: Ballads	- - - - -	4

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SOPHOMORE YEAR.

FIRST TERM.

Bible: New Testament	- - - - -	1
English: Rhetoric; Invention, with study of models, and Themes	- - -	2
English History: To the end of the Elizabethan Period	- - - - -	2
Mathematics: Analytical Geometry	- -	3
Natural Science: Chemistry	- - - -	3

ELECTIVE.

Latin: Horace, Odes	- - - - -	3
Greek: Orators and Oratory	- - - -	3
German: Wilhelm Tell	- - - -	3
French: Histoire de la France	- - -	3

## SECOND TERM.

Bible: New Testament	- - - -	1
English: Rhetoric; Invention, with study of models, and Themes	- - - -	2
English History: House of Stuart to the present time	- - - -	2
Natural Science: Chemistry	- - -	3
Mathematics: Mechanics	- - - -	3

## ELECTIVE.

Latin: Horace, Epodes	- - - -	3
Greek: Orators and Oratory	- - - -	3
German: Goetz von Berlichingen	- -	3
French: Litterateur Francaise Classique	- -	3

## THIRD TERM.

Bible: New Testament	- - - -	1
English: Rhetoric; Themes and Forensics	-	1
English History: Survey of Constitutional Development	- - - -	2
Mathematics: Surveying	- - - -	3
Natural Science: Biology	- - - -	4

## ELECTIVE.

Latin: Tacitus; Agricola and Germania	- -	3
Greek: Orators and Oratory	- - -	3
German: Literature from Luther to Klopstock		3
French: Comedies	- - - -	3

JUNIOR YEAR.

FIRST TERM.

English Literature: To the death of Chaucer	1
Anglo-Saxon: Grammar and Reader	2
Natural Science: Physics	3
Logic and Scientific Method	3
Political Economy	2

\*ELECTIVE.

The Bible: Hebrew Legislation	2
Mathematics: Differential Calculus	3
Philosophy: Introduction to study of	3
Latin: Cicero, De Officiis	2
Greek: Aeschylus, Early Greek Drama	3
German: Minna von Barnhelm	3
French: Drama: Moliere	2
Hebrew: Gen. I.-VIII.	2
Greek: Lessons and Grammar	5
German: Lessons and Grammar	5
French: Grammar and Reader	5

SECOND TERM.

English Literature: From 1400 to the death of Elizabeth	1
Anglo-Saxon: Grammar and Reader	2
Natural Science: Physics	3
Psychology: Empirical	3
Political Economy	2

\*Electives are chosen to the number of five or six recitations a week.

## ELECTIVE.

The Bible: The Wisdom Books	-	-	-	2
Mathematics: Integral Calculus	-	-	-	3
Philosophy: History of Ancient and Mediæval				3
Latin: Plautus' Captives	-	-	-	2
Greek: Sophocles or Aristophanes; Drama	-			3
German: Nathan der Weise	-	-	-	3
French: Drama; Corneille	-	-	-	2
Hebrew: Gen. I.-VIII.	-	-	-	2
Greek: Lessons and Grammar	-	-	-	5
German: Lessons and Grammar	-	-	-	5
French: Grammar and Reader	-	-	-	5

## THIRD TERM.

English Literature: Origin and History of the Drama	-	-	-	-	1
Natural Science: Physics	-	-	-	-	3
Psychology: Empirical	-	-	-	-	3
English: Critical Reading of Chaucer	-	-			2
History of Civilization	-	-	-	-	2

## ELECTIVE.

The Bible: Prophecy	-	-	-	-	2
Philosophy: History of Modern, through Kant					3
Latin: Terence's Andria, Adelphoe	-	-	-		2
German: Deutsche Literatur Geschichte	-				3
Hebrew: Gen. I.-VIII.	-	-	-	-	2
Mathematics: Coordinate Geometry of three Di- mensions	-	-	-	-	3
Greek: Euripides and the later Drama	-				3
French: Drama; Racine	-	-	-	-	2
Greek: Anabasis and Composition	-	-			5
German: Reader and Composition	-	-	-		5
French: Reader and Composition	-	-	-		5

## SENIOR YEAR.

## FIRST TERM.

English Literature: 1603 to death of Pope, 1744	2
Mathematics: Astronomy - - - -	3
Psychology: Empirical, completed - -	3
Sociology: Outlines of - - - -	2
Apologetics, Theistic - - - -	1

## ELECTIVE.

The Bible: Gospel by John and the Acts -	2
Mathematics: Advanced Calculus - -	3
Philosophy: History of, since Kant; Critical Study of a Masterpiece - - - -	3
History and Political Economy - - - -	2
Latin: Christian Classics - - - -	2
Greek: New Testament, Plato, or Lyric Poets	3
German: Deutsche Literatur-Geschichte -	3
French: Modern Fiction - - - -	2
Hebrew: Minor Prophets - - - -	2
Greek: Anabasis and Composition - - -	5
German: Die Eisjungfrau and Composition -	5
French: Histoire de la France - - - -	3

## SECOND TERM.

English Literature: 1744 to the present time -	2
Mathematics: Astronomy - - - -	3
Christian Ethics - - - -	3
Apologetics, Christian - - - -	1
Constitutional History of the United States -	2

## ELECTIVE.

The Bible: Paul and his Epistles	-	-	-	-	2
Mathematics: History of	-	-	-	-	3
Philosophy: Ethical Theories	-	-	-	-	3
Natural Science: Chemical Analysis	-	-	-	-	2
History and Political Economy	-	-	-	-	2
Latin: Christian Classics	-	-	-	-	2
Greek: New Testament, Aristotle, or Lyric Poets	-	-	-	-	3
German: Deutsche Literatur-Geschichte	-	-	-	-	3
French. Modern Drama	-	-	-	-	2
Hebrew: Minor Prophets	-	-	-	-	2
Greek: Anabasis and Composition	-	-	-	-	5
German: Doktor Luther	-	-	-	-	5
French: Literateur Francaise Classique	-	-	-	-	3

## THIRD TERM.

American Literature	-	-	-	-	2
Christian Ethics	-	-	-	-	2
Natural Science: Geology	-	-	-	-	5
International Law	-	-	-	-	2

## ELECTIVE.

The Bible: Epistles of Peter and John	-	-	-	-	2
Math.: Mechanical Theory of Light and Heat	-	-	-	-	3
Philosophy of Religion	-	-	-	-	3
Natural Science: Chemical Analysis	-	-	-	-	2
History and Political Economy	-	-	-	-	2
Latin: Ecclesiastical	-	-	-	-	2
Greek: New Testament, or Modern Greek	-	-	-	-	3
German: Living Authors	-	-	-	-	3
French: Modern Criticism	-	-	-	-	2
Hebrew: Minor Prophets	-	-	-	-	2
Greek: Anabasis and Composition	-	-	-	-	5
German: Hermann und Dorothea	-	-	-	-	5
French: Comedies	-	-	-	-	3

### THE BIBLE.

**The Bible** has been given a prominent place in the college curriculum. It is deemed by the founders of the College to be the most important book in the whole range of literature, to furnish the most instructive biographies and histories, to contain a literature both in prose and poetry of unrivaled excellence, to be the only revelation of a perfect Law and of a perfect Gospel, and to be one of the principal agencies in the development of true moral character.

**The Aim.**—It will be the aim of this department to aid the student in understanding and appreciating the manifold excellences that have secured for the Bible the title of **THE BOOK**. The needs of those who are looking forward to evangelistic work, or engaged in it, are kept in view.

**Study of the Bible. I. Required.**—The Bible is a required study in the Freshman and Sophomore years.

(1) **The Old Testament.**—In this there are two recitations weekly throughout the Freshman year. The design is to (1) make the students fairly familiar with the leading events of Jewish history and with the salient religious teachings of the several books; (2) to study selected portions critically and inductively. Here a secondary object is to illustrate the inductive method of Bible study, its correctness and fruitfulness, and to quicken an interest in Biblical research.

The-text books are the Old Testament (Revised Version), hand-books such as Maclear's Class-book of Old Testament History, Blackie's Manual, Price's Syllabus, and, for critical study, the Cambridge Bible for Schools.

(2) **The New Testament. The Gospels.**—Weekly through the Sophomore year. This department of Biblical study embraces the preparation for Christianity, the life and teachings of Christ and the training of the Apostles.

The text books are the Gospels in the Revised Version, hand-books such as Maclear's New Testament History and Stalker's Life of Christ.

**II. Elective.**—In the Junior and Senior years twice a week. In the first of these years the three main divisions of Biblical science will be studied, namely, Hebrew Legislation, the Wisdom Books, and Prophecy. In the Senior year the elective work will include a survey of the fourth Gospel, the Acts of the Apostles and the Epistles of Paul.

[For the course in Hebrew and New Testament Greek, see Curriculum of the Junior and Senior years.]

**Apologetics.**—(1) This course aims chiefly at two things:

First, a brief exposition of Christian theism and an exhibition of its superiority in philosophy and in practice to the various opposing theories; deism, pantheism, materialism, and agnosticism.

Secondly, a summary of the argument for historical Christianity and an examination of criticisms and objections, especially those of our own day. Required, 52 hours.

(2) [Same as Philosophy, course 6, Page 24. Elective, 30 hours.]



### PHILOSOPHY.

**Logic and Scientific Method.**—This course comprises a study of logic, deductive and inductive, of fallacies, logical theories, and of scientific method. Abundant exercises are given in order to fix the principles of the science in the minds of students, to cultivate the powers of analysis, and to train to correct habits of thought and investigation.

Thus studied, the course forms an admirable introduction to the courses that follow in this department. Required of all Juniors, 42 hours.

Text-book, Hyslop's *Elements of Logic*; for reference, Mill's *System of Logic*, Jevons' *Principles of Science*, Hamilton's *Lectures on Logic*, Venn's *Empirical Logic*, Sigwart's *Logic*, etc.

**Psychology.**—The aim of this course is a somewhat complete view of the whole field of the science. Psychology, because of its essential relations to all other studies of this department and because of its value as a means of knowledge and culture, is given a large portion of time. Instruction, by means of recitations, informal lectures, experiments and discussions. Required of Juniors and Seniors, 108 hours.

Text-books: for study, Ladd's *Psychology, Descriptive and Explanatory*; for reference, the works of Baldwin, Hoeffding, James, Sully, etc., and periodicals.

**Ethics.**—The study of ethics is put near the end of the curriculum in order that it may be approached from the philosophic side. The course, beginning with the psychology and philosophy of ethics, proceeds to the development of the theory and the application of this theory to life, political and social, family, and individual. Required of Seniors, 36 hours.

Text-book: for study, Calderwood's *Handbook* (probably); for reference, the works of Green, Martineau, Sidgwick, Porter, etc.

**Philosophy.**—The course in philosophy proper runs through the Junior and Senior years. Its aim is threefold: first, to show the nature and methods of philosophy, its reason for being, departments, and more important problems; secondly, to show the course of development and the present condition of philosophy; thirdly, to arouse a permanent interest in philosophical studies.

The following is a brief survey of the course, which will be varied from year to year. The time assigned to the different subjects is only approximate.

1. Introduction: the nature, defence, departments, and problems of philosophy. Elective, open to Juniors and Seniors, 42 hours.

2. History of Ancient and Mediæval Philosophy, readings in Plato and Aristotle. Elective, open to Juniors and Seniors, 36 hours.

3. History of Modern Philosophy through Kant, readings from philosophic classics. Study of an author: for next year, probably, Kant. Elective, open to Juniors and Seniors, 30 hours.

4. History of Philosophy since Kant. Readings. Study of Bradley's Appearance and Reality (probably). Elective, open to Seniors, 42 hours.

5. History of Ethical Theories. Readings and discussions. Elective, open to Seniors, 36 hours.

6. Philosophy of Religion. Readings and discussions. Elective, open to Seniors, 30 hours.

Text-books: Ladd's Introduction; Zeller's History of Greek Philosophy; Falckenberg's History of Modern Philosophy; Sidgwick's Outlines of the History of Ethics; Caird's Introduction to the Philosophy of Religion; besides books for reading and reference.

### ENGLISH.

The study of English extends throughout the course. It is the purpose of this department to form and develop, in speech and writing, habits that will yield productions of rhetorical correctness and power, and to introduce students to a pleasant and profitable study of English literature.

**Language and Rhetoric.**—Two years are given to these subjects, the time being distributed as follows:

**English Language:** its history and vocabulary. Study of idioms, anomalous forms, etc. 28 hours, required.

**Rhetoric: Style.** The subject is studied by means of text-book and recitations, informal lectures, study of models, writing of themes, and criticism. 44 hours, required.

**Rhetoric: Invention.** Text-book and recitations, informal lectures, analysis of models, construction and criticism of plans and also of complete exercises in the different kinds of discourse. Criticism of students' work will be made not only before the class, but also to them individually. 72 hours, required.

**Anglo-Saxon.**—This study is regarded as a necessary part of any thorough course of instruction in English. It is, therefore, required.

It is pursued after much the same method as that employed with Latin and Greek. Besides the usual drill in accidence and syntax, attention is constantly called to the large contributions of Anglo-Saxon to

our own tongue in idiom, vocabulary, and grammar. Much use is made of comparative grammar in the study of the syntax. Junior year, first term, Grammar and Reader, 28 hours. Second term, Middle English, 24 hours. Third term, Chaucer, studied textually: Prologue and two or more of the Canterbury Tales, 20 hours.

Text-books: Sweet's Anglo-Saxon and Middle English Primers, Chaucer—Selections by Morris, Pollard's Primer.

**English Literature.** — This is a required study throughout the Junior and Senior years. The distribution of the time to the different periods of English literature will be found stated approximately in the Outline of Study.

While the subject is necessarily pursued to a large extent chronologically, the attempt is made to grasp the philosophy which underlies it. The first year's work leads from the beginning and formative influences through the culmination in Shakespeare and his contemporaries. The second year's work traces its progress and wider development in England and America down to the present time.

While text-books are used as guides, the greater part of the work consists of readings and studies, under the direction of the professor, in the lives and masterpieces of the great writers.

In addition to the foregoing, Seniors and Juniors will each be required to give an original oration each term before the students and Faculty.

All students are expected to connect themselves with one or the other of the literary societies. Any who fail to do so, will be assigned literary exercises under the direction of the Professor of English.

### HISTORY AND POLITICAL SCIENCE.

**History.**—The aim in this department is not so much to acquaint the student with the facts of English history as to prepare him for thorough and independent investigation. Accordingly much of the time allotted to this study is devoted to research. A constant effort is made to get at the original sources of information and to test critically the common verdicts of history. The work is carried on mainly by lectures, themes, and discussions. Besides the use of the college library, the students have access to the public libraries of St. Paul and Minneapolis and also to the invaluable library of the State Historical Society in the Capitol. 52 hours.

**The History of Civilization** is studied in the third term of the Junior year. Guizot's work is used as a text-book, but it is supplemented by discussions, essays from members of the class, and informal lectures by the professor. 28 hours.

**Development of the English Constitution.**—This subject naturally follows the study of English history. It touches upon only the great constitutional epochs and movements which have prepared the way for English liberty and self-government. 20 hours.

**The Constitution of the United States.**—This course contemplates three things: first, to trace the origin of the Constitution, and the causes which led to its adoption; secondly, to follow the development of constitutional theory and law; thirdly, to study and

interpret the document itself. Andrews' Manual is used as a guide. Second term of the Senior year, 24 hours.

The foregoing will be supplemented by a short course of lectures by Ex-Senator McMillan of St. Paul.

**Political Economy.** (1) **Required.**—A general survey is taken of the history, theories and generally accepted principles of Political Economy. Walker's text-book is used, supplemented by collateral studies. 52 hours.

(2) **Elective.**—In the elective course substantially the same ground is covered but more attention is given to the historical development of the science and to the application of sound principles to current economic questions. 72 hours.

**Sociology.**—Required. Under this head is included the history, various theories and principles of Socialism. Important aims are, to show the extent of the field, to arouse an interest in the study, and to help to correct methods of sociological investigation.

Text-books: Small and Vincent's Study of Society. 52 hours.

In addition to the above Dr. Egbert, of the House of Hope Church, St. Paul, has kindly consented to give to the Junior and Senior classes a course of lectures on the application of fundamental teachings of Christianity to current social problems. Dr. Egbert has made a thorough study of these questions and is singularly clear and logical in his treatment of them.

**MATHEMATICS.**

**Mathematics** is required in the Ancient and Modern Classical Courses to the end of the Sophomore year; in the Literary, to the end of the Freshman.

**I. Required. Higher Algebra.**—Simple Equations, Proportion, Progression, Quadratic Equations, Infinitesimal Analysis, Higher Equations

Text-book: Olney. Fall term of the Freshman year, four times weekly. 56 hours.

**Trigonometry.**—Logarithms and Plane Trigonometry.

Text-book: Wentworth. Second term of the Freshman year. 48 hours.

**Trigonometry.**—Spherical Trigonometry with applications to Astronomy. Third term of the Freshman year. 40 hours.

**Analytical Geometry.**—The Conic Sections, both by Rectilinear and Polar Co-ordinates, Transformation of Co-ordinates, etc.

Text-book: Olney. Three recitations a week. Fall term of Sophomore year. 42 hours.

**Elementary Mechanics.**

Text-book: Wood. Winter term of Sophomore year. 36 hours.

**Surveying.**—Chain and Transit Surveying, Platting, Leveling.

Text-book: Davies. Spring term of Sophomore year. 50 hours.

Two thirds of above time is given to field work.

**II. Elective. Differential Calculus.**

Text-book: Olney. Fall term of Junior year. 56 hours.

**Integral Calculus.**

Text-book: Olney. Junior year, winter term. 48 hours.

**Co-ordinate Geometry of Three Dimensions.**

Text-book: Newcomb. Junior year, spring term. 40 hours.

**Advanced Calculus.**

Text-book: Rice and Johnson. Senior year, fall term. 56 hours.

**History of Mathematics.**—Senior year, winter term. 48 hours.

**Mechanical Theory of Light and Heat.**—Lectures. Senior year, spring term. 30 hours.

**PHYSICS.**

To the study of Physics is devoted four terms, three hours a week.

**Elementary Mechanics.**—See course in Mathematics for winter term, Sophomore year.

**Sound and Light.**

Text-book: Carhart, Junior year, fall term. 42 hours.

**Heat and Electricity.**

Text-book: Carhart, Junior year, winter term, 36 hours.

**Electricity and Magnetism.**

Text-book: Carhart, Junior year, spring term, 30 hours.

In addition to the course indicated above, laboratory work will be made as prominent a feature as the facilities will permit. Changes are now being made in the equipments of this department which it is believed will make it possible to offer advantages superior to those heretofore given.

**GEOLOGY.**

**Required.**—In addition to the usual class-room work, students will make collections of lithological and fossil specimens, and, as far as time will permit, by means of field excursions, will become familiar with our local geology.

Text-Book: Dana. 50 hours.



**CHEMISTRY.**

I. **Required. General Chemistry.**—Three hours a week during the first and second terms of the Sophomore year. 108 hours.

II. **Elective. Chemical Analysis.**—Open to those who have completed Course I., or its equivalent. Senior year, winter term, 48 hours.

The Chemical Laboratory is well equipped for thorough work in the courses offered. Especial attention will be given to scientific methods of observation and to interpretation of results. The work of both courses will be mainly in the laboratory. Each student will make a complete and systematic record of all his investigations. The aim will be to awaken the truly scientific spirit rather than to master a particular text.

**ASTRONOMY.**

**Required.**—The work of the text is supplemented by lectures, observations with the telescope, etc. Sufficient work will be done in the study of the heavens to enable the student to become acquainted with the appearances, names, and positions of the principal constellations, planets, etc.

Text-book: Young. Fall and winter terms, about 70 hours.

**BIOLOGY.**

**Required.**—Dissection and study of typical plants and animals will form an important part of the course. It is expected that additional apparatus, such as microscopes, will be supplied in time for the next year's work and that the greater part of the work will be in the laboratory. Sophomore year, spring term, 80 hours.

Text-book: Huxley and Martin's Practical Biology, or a book of like grade.

**GREEK LANGUAGE AND LITERATURE.**

**The Aim.**—The general aim in this department is to learn to read Greek readily; to become acquainted with the Greek people as revealed in their great creations in history, oratory, philosophy, poetry, and art; to arrive at a just estimate of the contributions of the Hellenic race to human progress.

**I. Required. Attic Greek.**—The reading and study of easy Attic Prose, begun in the Academy, is continued through the first term of the Freshman year. Xenophon or Lucian are the authors read. Sight reading in the later books of the Anabasis; review of grammar; composition (Jones) completed. 72 hours.

(1.) **Ionic Greek. Herodotus.**—Selections; study of forms; synopsis of his history (by Swayne, Ancient Classic Series.) Freshman year, second term, 48 hours.

(2.) **Homer.**—Homeric accidence, syntax and prosody; structure of the Iliad; Homeric archaeology; influence on later epics; general summary of the contents of the Iliad and Odyssey (Collins, Ancient Classic Series.) Freshman third term and part of first term of Sophomore year. About 60 hours.

**Attic Orators.**—Antiphon—Demosthenes: selections. Rise, history, and characteristics of Greek oratory; outlines of Demosthenes' orations (Brodrigg); cursory comparison with Latin and British eloquence; studies in Athenian law. Large part of the Sophomore year, 70 to 80 hours.

**II. Elective. The Drama.**(1.)—Aeschylus, Sophocles, Euripides, Aristophanes. Two or more plays in Greek; outlines of, and selections from, all the plays in English; studies in the Greek drama with helps such

as Haigh's Attic Theatre, Campbell's Greek Tragedy, Moulton's Ancient Classical Drama. Three terms, Junior year, 72 hours.

(2) **Four Options.** (a) *The Greek Testament:* the Acts of the Apostles and Epistles of St. Paul; rapid sight reading in the Gospels; mastery of vocabulary and study of N. T. Grammar. Senior year, 72 hours. Intended especially for candidates for the ministry.

(b) Greek Philosophy, Plato and Aristotle.

(c) The Lyric Poets.

(d) Modern Greek.

There is usually more or less variation from the course laid down in Freshman and Sophomore year, to avoid routine work.

### LATIN LANGUAGE AND LITERATURE.

I. **Required. Cicero.**—De Senectute, de Amicitia. These masterpieces are studied rhetorically as well as grammatically. Special attention is given to word formation and etymology. Life, works and literary influence of Cicero; Roman social life. Two terms, four times a week.

**Livy.**—In connection with Livy the history of the Punic wars is studied together with the characteristics that distinguish the author's style from that of Cicero. One term, four times a week.

**Horace.**—Selected Odes, Satires and Epistles. The various metres are carefully studied, and the students are required to prepare essays on the life and works of Horace, Latin Lyric poetry and the literature of the

period. Some of the best odes are studied very critically, and many worthy passages are memorized. Two terms, three times a week

**Tacitus.**—The literary style of his period is contrasted with that of the Augustan age. The Germania is outlined and the customs of the Germans are compared with those of the Romans. Its invaluable contributions to the study of Germanic origins are carefully noted. One term, three times a week.

**II. Elective.** I. **Cicero**, De Officiis; **Plautus**, Captives, Rucleus; **Terence**, Andria, Adelphoe. Besides the translation and general rhetorical study, the students will prepare papers on the peculiarities of metres, the forms and syntax, characters, plot, history and characteristics of the Latin drama. Junior year, twice a week.

(2.) **Options.** (a) Lyric Poetry; Catullus, Tibullus, Propertius.

(b) Philosophy: Lucretius, De Rerum Natura; Cicero, De Natura Deorum.

(c) Ecclesiastical Latin and Latin Christian Hymns. Senior year, twice a week.

Throughout the whole course the students are expected to make original investigation. Along with textual work there is pursued such a collateral study of the people, their history, laws, institutions and customs as will be helpful to a better understanding of the language and conduce to general information and culture.

#### HEBREW.

**Hebrew** is elective in the Junior and Senior years. The course is intended, (1) to prepare students to do advanced work as soon as they enter the Seminary, (2) to enable them to specialize in some other department.

**Junior Year.**—The aim of this year's work is to master Genesis I–VIII, including:

- (a) The grammatical principles of the language;
- (b) Acquisition of the vocabulary.
- (c) Translation of the English into Hebrew.

Text-book: Inductive Hebrew Method (Harper). 72 hours.

**Senior Year.**—Critical study of one of the Minor Prophets, including text, grammar, exegesis and history. 72 hours.

Opportunity will also be given for wider reading or readings at sight in the historical books in order to acquire greater facility in the use of the language.

#### GERMAN LANGUAGE AND LITERATURE.

**German.**—German is the distinguishing feature of the Modern Classical Course and runs parallel with the Greek of the Ancient Classical.

**The Aim** is to master the language both as spoken and written, and to attain a good measure of familiarity with German Literature. Accordingly, to the careful study of Grammar and the reading of German Classics, are added exercises in conversation.

**I. Required. Freshman Year.**— Easy prose; Grimm's Maerchen, Bilderbuch ohne Bilder; Der Neffe als Onkel; advanced grammar: composition, conversational exercises, mastery of vocabulary. Four hours a week.

**Sophomore Year.**—Classic prose and poetry; ballads memorized; Wilhelm Tell; Hermann und Dorothea; composition; conversation. Three hours a week.

II. **Elective.**—(1) Open to students of Modern Classical and of the Literary courses.

**Junior Year.**—Deutsche Geschichte; Literatur-Geschichte; rapid reading: composition. Two hours a week.

**Senior Year.**—Masterpieces of German tragedy. Lectures. Two hours a week.

(2) Open to students of the Ancient Classical course.

**Junior Year.**—Same as Middle Academic course.

**Senior Year.**—Same as Senior Academic course.

#### FRENCH LANGUAGE AND LITERATURE.

I. **Required.**—In the Literary course, French is required through the Freshman and Sophomore years. Taken up after the three years of Latin required for entrance, rapid progress may be made in the mastery of the language. The first year is devoted to the elements, conversation and easy reading; the second, to French history and prose literature. Freshman year, four hours a week. Sophomore year, three hours a week.

II. **Elective.**—(1) Open to students of the Literary course. The drama, fiction, history of French literature. Junior and Senior year, each, twice a week.

(2) Open to students of the Ancient and Modern Classical Courses. Junior year, same as in the Freshman Literary course. Senior year, same as in Sophomore Literary course.

MACALESTER CLASSICAL ACADEMY.\*

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FACULTY.

JAMES WALLACE, PH. D.,  
ACTING PRINCIPAL.

EDWARD C. DOWNING, A. M.,  
LATIN.

ANDREW W. ANDERSON, A. M.,  
ENGLISH.

JOHN J. TRASK, A. B.,  
MATHEMATICS.

LESTER D. BROWN, A. B.,  
GREEK AND HISTORY.

ABBIE M. TRASK,  
GERMAN.

CHARLES M. FARNEY,  
COMMERCIAL STUDIES AND PENMANSHIP.

INSTRUCTORS IN COMMON BRANCHES,

THOMAS F. M. CLARK,

WINTHROP ALLISON,

CHARLES W. DADE,

ARTHUR E. CANCE.

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\*The Preparatory Department of said Macalester College shall be known as the Baldwin School.—*Charter.*

## ADMISSION AND COURSES.

It is the purpose of the Board and of the Faculty to make the preparatory department a high-grade classical academy. Most of the instruction is given by the regular professors. To this advantage there is added that of association with members of the college classes. Among the ends sought are thorough preparation, regularity, decorum, and correct habits of study. A fourth year has been added to the course, though it is not intended to form a class in this grade this year unless there is a considerable number of applicants.

**Curriculum.**—The curriculum of the Academy covers a period of four years. With the middle year a distinction of courses is introduced: In one course Greek is begun; in a second, German. In other respects the courses are alike. The former fits the student for the Ancient Classical course of the College; the latter for the Modern Classical or the Literary.

**General Conditions of Admission.**—These are the same as for the College. See page 11.

**Requirements for Entrance.**—All applicants for admission to classes in the Academy are examined in the following subjects: Orthography and Elementary English, Arithmetic (through factoring), Descriptive Geography. It is recommended, also, that applicants for admission to the Sub-junior class have some acquaintance with the history of the United States. Applicants for admission to higher classes will, in addition to the above, be examined in the studies of the classes below that for which they apply.

Certificates are accepted in lieu of examinations on the same conditions as apply in the college. See p. 11.



## OUTLINE OF STUDY.

### SUB-JUNIOR YEAR.

#### FIRST TERM.

English: Grammar	- - - - -	5
Latin: Elements of	- - - - -	4
Mathematics: Arithmetic	- - - - -	4
History: United States	- - - - -	5
Penmanship	- - - - -	2

#### SECOND TERM.

English: Grammar	- - - - -	5
Latin: Elements of	- - - - -	4
Mathematics: Arithmetic	- - - - -	4
History: United States	- - - - -	5
Penmanship	- - - - -	2

#### THIRD TERM.

English: Grammar	- - - - -	5
Latin: Elements of	- - - - -	4
Mathematics: Arithmetic	- - - - -	4
Natural Science: Physical Geography	- - - - -	5
Penmanship	- - - - -	2

### JUNIOR YEAR.

#### FIRST TERM.

English: Grammar. For Reading: Goldsmith's Vicar of Wakefield	- - - - -	5
Latin: Easy Method	- - - - -	5
Mathematics: Arithmetic (completed)	- - - - -	4
Elementary Algebra	- - - - -	3
Penmanship	- - - - -	2

## SECOND TERM.

English: Composition and Rhetoric. For Reading, Southey's Life of Nelson	- -	5
Latin: Easy Method	- - - -	5
Mathematics: Elementary Algebra	- - -	4
Natural Science: The Human Body	- -	3
Penmanship	- - - - -	2

## THIRD TERM.

English: Composition and Rhetoric. For study, De Quincey's Flight of a Tartar Tribe	-	5
Latin: Easy Method	- - - -	5
Mathematics: Elementary Algebra	- - -	4
Natural Science: The Human Body	- -	3
Penmanship	- - - - -	2

## MIDDLE YEAR.

## FIRST TERM.

Bible: Old Testament	- - - - -	1
English: Composition and Rhetoric. For Reading, Defoe's History of the Plague in London	-	3
Latin: Cæsar and Grammar	- - -	4
Mathematics: Advanced Algebra	- -	2
General History	- - - - -	2

## ELECTIVE.

Greek: Paradigms and exercises	- -	5
German: Grammar and exercises	- - -	5

## SECOND TERM.

Bible: Old Testament	- - - -	1
English: Elements of Rhetoric. For Reading, Hawthorne's Twice Told Tales	-	3

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Latin: Cæsar and Grammar	- - - -	4
Mathematics: Advanced Algebra	- -	2
General History	- - - - -	2

ELECTIVE.

Greek: Anabasis and Vocabulary	- -	5
German: Grammar and exercises	- -	5

THIRD TERM.

Bible: Old Testament	- - - -	1
English: Burke on Conciliation with America.		
Civil Government	- - - -	3
Latin: Sallust or Næpos, and Grammar	-	4
Mathematics: Advanced Algebra	- -	2
General History	- - - - -	2

ELECTIVE.

Greek: Anabasis and Vocabulary	- -	5
German: Grammar and exercises	- - -	5

SENIOR YEAR.

FIRST TERM.

English: Literature and Themes. For Reading,		
Scott's Woodstock	- - - -	2
Latin: Cicero's Orations and Composition;		
Roman History	- - - -	5
Mathematics: Geometry	- - - -	4
Natural Science: Physics	- - - -	2

ELECTIVE.

Greek: Anabasis and Composition; History of		
Greece	- - - - -	5
German: Grammar; Die Eisjungfrau	- -	4
[Students taking German, recite once a week in Greek History throughout the year.]		

## SECOND TERM.

English: Literature and Themes. For study,	
Milton's Minor Poems - - - -	2
Latin: Vergil and Composition; Roman History	4
Mathematics: Geometry - - - -	4
Natural Science - - - -	2

## ELECTIVE.

Greek: Anabasis and Composition; History of	
Greece - - - -	5
German: Doktor Luther and Grammar -	4

## THIRD TERM.

English: History of the English Language and	
Themes. For Reading, Macauley's Essay	
on Milton - - - -	2
Latin: Vergil and Composition; Roman History	4
Mathematics: Geometry - - - -	4
Natural Science: Biology - - - -	2

## ELECTIVE.

Greek: Anabasis and Composition; History of	
Greece - - - -	5
German: Goethe's Hermann und Dorothea;	
Grammar - - - -	4



## PARTICULAR DESCRIPTION.

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**THE BIBLE.**

**Middle Year.**—The aim is to make the student acquainted with the leading events recorded in the historical books of the Old Testament. 36 hours.

**Senior Year.**—This year is devoted to New Testament history as recorded in the Gospels, and in the Acts of the Apostles. 36 hours.

Text-books:—Bible, Revised Version, Maclear's handbooks of Old and New Testament History.

**ENGLISH.**

The Academic course in English is complete in itself, while, at the same time it is introductory to the corresponding collegiate course. Three purposes are in view in the work of this department.

1. The acquisition of systematized knowledge. To this end, there are studied grammar, including sentential analysis; composition, including punctuation, capitalization, form, etc.; rhetoric, including the study of words, figures of speech, elements of sentences and paragraph structure; the history of the language.

2. The gaining of facility and ease of expression, by means of the writing of exercises and the study of models. All this work is reviewed and criticized in the light of the principles of word expression.

3. Some acquaintance with literature by the reading and the study of masterpieces, and by a brief course in formal literature.

### MATHEMATICS.

The course in Mathematics includes Arithmetic, Algebra, and Geometry.

**Arithmetic** is studied throughout the Sub-Junior year. Great familiarity with the elementary principles is required and abundant practice in the solution of problems is given. For the coming year, students who are otherwise prepared to enter the Junior year, will be given one term for review of the principles from percentage.

**Algebra** is taken up at the beginning of the course. Two terms' work is given to the completion of elementary algebra, after which the advanced algebra is begun and the work carried through quadratic equations. Time, Elementary Algebra, 90 hours; advanced, 88 hours.

**Geometry** is studied throughout the senior year and completed. Students are required not only to master the text-book, but also numerous original problems and theorems. 144 hours.

### LATIN.

**Latin.**—Latin is a required study in each of the academic courses. During this time the student is expected to acquire a large vocabulary, a wide knowledge

of the rules of syntax, and the ability to convert English into the Latin idiom, which are regarded as an indispensable basis for the work pursued in the College classes. Special attention is given to the forms and structure of the language, which are studied by severe methods of both analysis and synthesis. The grammar is thoroughly studied, and the memory is helped by a rational explanation of forms.

1. **The First Year** is spent in the study of the declensions and conjugations, syntax and vocabulary, in making translations daily to and from the Latin, and in conversation. 144 hours.

2. **The Second Year** is spent in a more complete and thorough study of the work begun in the first year, and in easy reading. 180 hours.

3. **The Middle Year** is devoted to Cæsar, Nepos or Sallust, and a more thorough study of the grammar. 144 hours.

4. **The Senior Class** reads Cicero's Orations during the fall term and Vergil's *Æneid* in the winter and spring terms. Composition and Roman History, receive careful attention throughout the year. 144 hours.

### GREEK.

Greek is a required study in the Ancient Classical course.

**Middle Year.**—The aim of the first year's study of Greek is to master the elements, six hundred to eight hundred carefully selected Greek words and two or more chapters of the *Anabasis*. The method followed, after the more important paradigms are mastered, is in the main inductive. Five times a week.

**Senior Year.**—In the second or Senior year an effort is made to read four books of the Anabasis. The reading is accompanied with prose exercises and sight-reading in the fifth and sixth books. Special effort is made to master a large vocabulary. Four times a week.

Text-books:—Boise's or White's Lessons, Hadley-Allen Greek Grammar, Harper and Wallace's Anabasis, Jones' Greek Prose, Oman's History of Greece.

### GERMAN.

German is a required study in the modern classical course.

**Middle Year.**—The first year in German is devoted to grammar and exercises, to composition and to the mastery of from a thousand to twelve hundred words. Attention is given to conversation in German and to memorizing short poems. Four recitations a week.

**Senior Year.**—Die Eijsungfrau, Doktor Luther, Hermann und Dorothea, composition, conversation. Four recitations a week. The fifth is in Greek history with the ancient classical division.

Text-books:—Worman's Grammar, Krauss's Eijsungfrau, Goodrich's Freytag's Doktor Luther, Thomas's Hermann und Dorothea.

**History.**—The aim of this department is the acquisition by the student of such historical knowledge as will be a necessary element in general culture and a solid foundation for further studies in history. The course laid out falls under four heads.

1. **The History of the United States.**—This is completed in the Sub-junior year. The study of the text-books will be supplemented by readings and studies on assigned topics. 130 hours.

2. **General History.**—This runs through the middle year. For study of Greek and Roman History see following. 44 hours.



3 and 4. **Greek and Roman History.**—There is a weekly recitation in each throughout the Senior year.

**The Natural Sciences.**—The course in the natural sciences comprises four subjects.

1. **Physical Geography.**—Maps, globes and other aids are used in instruction. 50 hours.

2. **The Human Body.**—The elements of anatomy, physiology and hygiene are studied. 66 hours.

3. **Physics.**—This occupies two terms in the senior year. Laboratory work as well as recitations will be required. 52 hours.

4. **Biology.**—A short course, with laboratory work will be given. In this course and the preceding, an important purpose will be the training of students in the preparation and use of instruments, and in the methods of study. 20 hours.

Text-books:—Houston's Physical Geography, Martin's Human Body (brief course), Carhart and Chutes' Elementary Physics, Boyer's Biology.

### COMMERCIAL COURSE.

This course includes instruction in the following subjects: Bookkeeping by single and double entry, commercial arithmetic, grammar, punctuation, the writing of business letters, and penmanship.

The instruction will be thorough. Students will have the further advantage of being able to obtain instruction in other branches in the collegiate and academic classes.

**Tuition.**—Payable in advance.

Commercial Course, per term,	-	-	\$15.00
Penmanship alone, per term,	-	-	7.00

## AUXILIARY DEPARTMENTS.

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**MUSIC.**

**The Director.**—Students of music will be under the instruction of Professor Phillips, of St. Paul. Mr. Phillips has had the advantage of thorough training both at home and abroad. He spent four years of faithful study in Stuttgart, Germany, under Professors Speidel (piano), Faisst (organ), and Goetschius (harmony.) Since his return he has taught music successfully in St. Paul, serving meantime as organist and director of music in the Dayton Avenue Presbyterian Church. He enters with enthusiasm upon the work of developing a Department of Music in the College, and will receive every encouragement from the Faculty.

**Place of Music.**—Music has been viewed too much as a mere accomplishment. It is to be recognized rather as having high educational value and as constituting an important part of a complete education.

**Music an Elective.**—To encourage the more thorough study of music it is proposed to permit students to take music, in the Junior and Senior years, subject to the approval of the Faculty, in lieu of some other elective.

**The Course for the Pianoforte.**—The celebrated studies of Dr. Wm. Mason will constitute the basis of all technical work. They are justly regarded as superior to all others, giving the pupil perfect control of the arm, hand and wrist. In connection with a proper use of studies in phrasing, expression, etc., they insure a studious pupil a faultless technique, a proper interpretation and appreciation of the classical as well as the modern school.

**The Organ.**—The course of study on this instrument will include Rinck's Organ School, Buck's Pedal Studies, Bach's Preludes and Fugues, Mendelssohn's Sonatas and selections from the modern composers. Registration and playing of church music will receive special attention. Students have access to a fine two manualed pipe organ.

**Voice Culture.**—This presupposes on the part of the student a fair knowledge of instrumental music. The prime object aimed at is the development and culture of the individual voice. The celebrated method of Delle Sedie will be used; also Vocalises of Concone, Vaccoj and Marchesi; songs by Lassen, Grieg, Buck, Gounod, Schubert, Mendelssohn, Wagner and others.

**Sight Reading.**—Classes also will be organized for sight reading, and recitals will be given as the work advances.

**History of Music.**—In the study of the history of music, Mathew's Popular History of Music and Fillmore's Lessons in Musical History will be used. The students will also have access to other authorities.

**Harmony** will be taught in classes at a nominal price.

Satisfactory provision will be made for any who wish to take lessons on the violin or other stringed instrument.

**Terms.**—Piano, Organ:

Fall Term, two lessons a week,	-	-	\$21.00
Fall Term, one lesson a week,	-	-	12.00
Winter Term, two lessons a week,	-	-	18.00
Winter Term, one lesson a week,	-	-	10.00
Spring Term, two lessons a week,	-	-	15.00
Spring Term, one lesson a week,	-	-	8.00

**ELOCUTION AND ORATORY.**

**Aim and Method.**—As the art of oratory involves, equally, the physical, mental and spiritual powers of man, so it is aimed in the course of instruction given to view the subject from these three stand-points. Physical training is given so far as it bears directly upon the development and control of the physical agents of expression. Purity and power of voice, distinctness of enunciation and gracefulness of gesture depend largely upon this phase of culture. The mind is trained to clear and accurate analysis of the thought to be expressed, to the recognition of fine distinctions in sound, upon which correct pronunciation depends, and to such full control of the agents of expression as will enable the speaker to convey his thought to others with dignity, grace and power. While marked eccentricities of expression and manner result from faults which must be eradicated, it is aimed to preserve the individuality of each student and to cultivate in all the supreme power of sincerity, which gives irresistible force to the spoken word and marks the vital distinction between true and false oratory.

**Historical Lectures.**—If time permit a course of historical lectures upon Greek, Latin, English and Pulpit oratory will be given by members of the Faculty, and also a series of readings from standard authors by the instructor in this department.

**Miss Morton**, the instructor, graduated from the Philadelphia School of Oratory with high honors, was a member of the Faculty of that institution for one year and is well known in St. Paul as a successful teacher of her art.

**Terms.**—To College classes free. [Required twice a week]. To private pupils, \$2.00 a lesson.

**DRAWING AND PAINTING.**

**Method.**—The instruction in this department will be fundamental and thorough. Mind, eye and hand are trained to work together in a concentrated effort. The student begins with the study of outlines from objects and elements of light and shade from the cast. As he advances form and “values” will be taught from the head from life. The course will be completed with short lectures on art subjects, practical perspective, artistic anatomy and composition.

When the students are sufficiently advanced they may draw from the head from life or paint in oils from still life.

The privilege of entering the class is extended to those who are not students at Macalester College.

The class will meet every Saturday forenoon for three hours.

Students may enter the class at any time, tuition dating from time of entrance.

**Mr. Cheeks.** the instructor, has been for twelve years a member of the Students' Art League, of New York, and was a pupil of W. M. Chase, Kenyon Cox and others. For the past three seasons he has been instructor in the St. Paul School of Fine Arts.

**Terms**—Charcoal drawing from still life:

Students of the College	- -	\$1.50 a month
Other students	- - - -	2.00 a month
Charcoal drawing from busts	-	2.00 a month

Charcoal drawing from head (model):

Students of the College	- -	2.50 a month
Others	- - - -	3.50 a month

Painting from still life:

Students of the College	- -	3.00 a month
Others	- - - -	3.50 a month

## GENERAL INFORMATION.

**HISTORY, ORGANIZATION AND CHARACTER.**

**History.**—Macalester College is the outgrowth of what was known as the Baldwin School of St. Paul. In 1873, Charles Macalester, of Philadelphia, Penn., gave a valuable property in Minneapolis, known as the "Winslow House," to lay the foundation of a college on the plan of the New England colleges. The first trustees of the institution were to be selected by Rev. Edward D. Neill, the intimate friend of Mr. Macalester.

In 1880, at the meeting of Synod held at St. Peter, the committee of Synod reported, through Rev. Dr. Rice, chairman: "That Macalester College had been established under Presbyterian control by a by-law adopted by the trustees, whereby two-thirds of the trustees shall always be Presbyterians.

"That the trustees have expressed their wish that the college may be in the fullest sympathy with the views and wishes of the Synod and their willingness, if the Synod so desire, that it should nominate the president and at least one-half of the board of trustees, the present board cheerfully resigning to make vacancies."

The Synod unanimously adopted the report and recommended the College to the support and sympathy of the churches.

The Board consists of fifteen members who are divided into three classes, each class serving for three years. The president of the College is also a member ex-officio.

**Organization.**—The College, like almost all the colleges of the east, is governed by a self-perpetuating board of trustees, two-thirds of whom, by an act of the Legislature approved in 1885, must be members of the Presbyterian Church. The Synod has hitherto exercised the privilege of nominating the president.

Thus organized, the College opened in September, 1885, and the Academy, known in the charter as the Baldwin School, at the same time.

**Character and Aim.**—The College was founded in the belief that the best education is distinctively Christian education; that the true ultimate end of education is character, and that this end can be attained only when to the discipline of the mind there is added the Christian culture of the conscience, will and other powers of the soul.

The College, therefore, aims at higher Christian education and seeks to provide the best means for the formation of symmetrical Christian character and for preparation for a life of Christian activity and usefulness.

Macalester College is not a theological school. Its courses of study are drawn to meet the needs of those who are looking forward to law, medicine or teaching, quite as much as to furnish suitable preparation for those who have the ministry in view. Still it is the earnest desire and purpose of the college authorities that the dominant influences shall be such as to strengthen the resolution of those who enter the institution with the ministry in view. Of the students enrolled in the past, considerably over one-third have been of this class.

**RELIGIOUS SERVICES.**

The college schedule of each day includes devotional exercises at 10 a. m., at which all the students are required to be present.

Public worship is held every Sabbath morning with Macalester Presbyterian Church. Attendance upon this service is required of all students except those boarding at home, and those excused by written request of parents or guardians to worship elsewhere.

There is an active branch of the College Y. M. C. A., to membership in which all students are invited. It meets every Tuesday evening. The church prayer-meeting is held every Wednesday evening, to which the students are welcome. Many opportunities are presented in the cities to earnest young men for practical Christian work. Bible-study classes and a Mission circle have also been organized for further preparation for Christian work.

**GOVERNMENT.**

Students are permitted to govern themselves so far as is deemed consistent with their welfare and the best interests of the College. Some regulations, however, are necessary, and when the students matriculate it is understood that they thereby submit themselves to the government of the College and pledge themselves to support the same while they are members of the institution. They are expected, and, by virtue of their matriculation as students of the institution are understood, to obligate themselves to act as ladies and gentlemen, to be faithful in attendance upon recitations, examinations, daily morning prayers, and Sunday morning service, and to be diligent in preparation of all tasks assigned.



The use of tobacco is prohibited in the buildings and on the College grounds.

Students of the Academy may visit the cities on Saturday during the day; at other times, only by permission.

Collegiate students are given greater liberty; but frequent visiting of the cities or returning late at night will be dealt with as offenses against good order.

Students whose influence is found to be hurtful, even though guilty of no serious breaches of order, will not be retained in the institution.

Hereafter, rooms in the Dormitory and in Edwards Hall will be frequently inspected.

At the opening of the Fall term a copy of the Regulations will be put into the hands of each student.

### LOCATION.

Macalester College stands on Snelling avenue nearly midway between the business centers of the Twin Cities, and one mile south of the Interurban Electric Line. The location is beautiful and commanding. Minneapolis is in full view from the College grounds, and a short walk to the east of the College brings St. Paul into view. The campus contains thirty acres, and fronts on Summit avenue, a boulevard two hundred feet in width, running from St. Paul westward to the Mississippi river.

**Advantages of the Location.**—Macalester College is wisely located. It is not a country college. It is not a city college. It stands in a retired place about four miles from the heart of St. Paul, and six miles from that of Minneapolis. It is away from the noise and distractions of these cities,

and yet within twenty-five minutes of the one and forty-five minutes of the other, by street car. *There are no saloons or other places of questionable resort in the vicinity.*

Though the location is retired and favorable for study, yet the students come more or less in contact with city life and culture. They have access to the large public libraries and have frequent opportunities of hearing the finest preaching, lectures and concerts.

**Access.**—The College may be reached readily from Minneapolis by the Interurban Electric Line, transferring to the Selby Avenue Line at Merriam Park; from St. Paul by the Selby Avenue Cable and Electric Line or by the Grand Avenue Electric Line, which leaves Fifth and Robert Streets every ten minutes and runs through the campus. See map on last page.

### BUILDINGS.

**Main Building.**—The main college building contains several large class-rooms, besides additional rooms for library, museum, auditorium and reading room. The class-rooms are provided with slate black-boards, and other excellent furniture. The building has a fine heating and ventilating system and is provided with its own electric light plant.

**Gymnasium.**—The basement of this building, eighty feet long by thirty-five feet wide with ceiling seventeen feet high, is used for a gymnasium. It is also furnished with bath-rooms supplied with hot and cold water. It contains ladders, hanging rings, cross bar and horizontal bar. More apparatus is much needed.

**The Dormitory.**—The second and third floors of the east wing are used for a dormitory. It contains twenty double rooms, each designed to accommodate two students. They are heated by steam and furnished with plain substantial furniture. It is the earnest purpose and effort to make the Dormitory comfortable and home-like.

The boarding department is under the direction of the Matron, who, with suitable help, provides good boarding at rates as near to actual cost as can be ascertained. Board is \$3.00 a week. Room lighted and heated, 50 cents. To those who board outside the Dormitory, 75 cents.

Hereafter the rooms in the Dormitory will be inspected once a week.

#### EDWARDS HALL.

This is a plain frame building of three stories, with basement. It was erected through the liberality and earnest effort of W. C. Edwards, Esq., of St. Paul, assisted by some others, and is intended specially for the accommodation of those who find it difficult to meet the expenses of a college education.

The rooms have been plainly furnished by the ladies' missionary societies, and are let free or at a merely nominal rent.

The students in this building form a club under the management of their own officers and of a matron who makes her home in the Hall.

Board in this Hall, the past year, under the very capable management of the steward and of the matron, averaged but about \$1.50 per week. The tables accommodate thirty to thirty-five.

**READING ROOM.**

One of the best rooms on the first floor is set apart for a reading room. It is well heated, lighted and furnished and there is access from it to the Library. It is open in the forenoon and provides a very pleasant place where students may spend their vacant periods.

**THE EDWARD D. NEILL LIBRARY.**

The library now contains about 6,000 volumes. During the year past, considerable additions have been made in books and pamphlets. Among the large contributions received this year from friends of the College are the following:

**Donors.**—From the Hon. Alexander Ramsey, of St. Paul, about 550 bound volumes (besides pamphlets), which form the Ramsey alcove. Most of these are of political and historical interest and many of them concern the beginnings of our government.

From the Rev. Frederick Campbell, of Chicago, 88 bound volumes, besides pamphlets.

From Messrs. Funk & Wagnalls, of New York, the Standard Dictionary, two volumes.

From the Students' Missionary Reading Circle, several volumes toward a missionary alcove.

From Rev. William Kincaid, D. D., Hubert Howe Bancroft's Histories, 17 volumes.

For the maintenance and increase of the library, books and money are solicited. The missionary alcove and the now more extended courses in philosophy and the sciences especially call for the gifts of the friends of the College.

**Society Halls.**—Each of the three literary societies connected with the institution has its hall. The Parthenon Society (academic), and the Hyperion Society (collegiate), have well furnished rooms, including a piano. The Philadelphian (collegiate) expects to furnish its room suitably in the coming year.

**Laboratories.**—Three rooms of fair size on the first floor of the east wing of the main building are devoted to the laboratories of physics, chemistry, and biology. These rooms are conveniently arranged and well lighted. They already possess a considerable amount of apparatus, and it is hoped that, as the result of improvements and additions now being made, the facilities will be largely increased.

#### ORATORICAL ASSOCIATION.

Macalester College is a member of the State Oratorical Association. Its interests in the College are cared for by a local association, to membership in which all the College students are eligible. This association by means of a preliminary contest, selects two members to represent the College at the State contest.

The representatives in the last contest were:

First, Harry C. Schuler, Blue Earth City, Minn.

Second, Henry A. Leaty, Duluth, Minn.

**The E. C. Stringer Prize.**—Through the kindness of Mr. E. C. Stringer, of St. Paul, the College is able to announce an annual prize of twenty-five dollars to be given to that student of the College who, having not less than fourteen recitations a week, takes the first place in a contest to be held at such time and under such regulations as the Faculty shall determine, most probably at the preliminary contest mentioned above.

**THE COLLEGE PAPER.**

A paper, called the MACALESTER ECHO, is published semi-monthly. It is managed by a board of editors appointed by the Faculty and subject to its general oversight. Friends of the College will find it an easy means of acquainting themselves with the spirit and life of the College.

**ATHLETICS.**

Within certain limits athletics are encouraged and the records of the College teams have been creditable. Efforts are made, however, to guard against the abuses into which college athletics so often run.

The large gymnasium and the ball grounds which have been prepared in the rear of the College afford ample means for healthful physical culture. Subject to the general approval of the Faculty, the college sports are under the management of the Athletic Association.

**LECTURES.**

Arrangements have been made for several valuable courses of lectures. These are intended not merely for entertainment but also to supplement the instruction given in the several departments to which they are related. For the names of the lecturers and their subjects, see page 8.

The three lectures announced in the College Calendar for the opening of the terms are intended to be a part of a series on the Educational Reformers and the History of Education.

### EXAMINATIONS.

Examinations, written or oral at the option of the professor, are held at the close of each term, and the class standing of each student is fixed according to his grades in class and on examination. The former usually counts two-thirds, the latter one-third. If for any reason, students have missed more than one-fourth of the recitations of their classes in any department they are required to pass a special examination to determine their fitness to proceed with the work of their classes. No student can retain class standing if the examinations are not taken. A record is kept of each student's grades in scholarship and department, a copy of which is sent to his parents or guardian at the end of each term.

### RANKING AND HONORS.

**Rank.**—(a) The final rank of members of the graduating class shall be determined by combining the averages for the Sophomore, Junior and Senior years, provided that the student's grade for the Sophomore year shall not be prejudicial to his standing in competition with students entering in the Junior year. (b) A student entering at the beginning of the Junior year, and completing the Junior and Senior years, shall be allowed to compete for honors.

**Honorary Orations.**—Honorary orations shall be awarded to members of the graduating class by a vote of the Faculty, taken by ballot, and the basis of award shall be general excellence, or high standing in in some department of study.

**Degrees.**—Graduates from either the Ancient or Modern Classical course receive the degree of A. B.; those from the Literary course the degree of Lit. B.

The College has as yet granted no honorary degrees.

**YOUNG WOMEN.**

Young women are admitted to all the privileges of the institution on the same terms as young men. From the variety of electives offered, it is easy for ladies to choose courses of study best adapted to their tastes and aims.

**Accommodations.**—Boarding may be had in private families in the vicinity of the College at reasonable rates. For those who may desire to board themselves, vacant rooms are available at very reasonable rates. Besides the local provision store, wagons from the city deliver groceries, meat and milk daily at all the houses in the Park.

It is expected that the commodious residence hitherto occupied by the president will be fitted up by September for the accommodation of those who may prefer to board in a ladies' hall. The terms will be about the same as those in the College Dormitory.

**BOOKS AND STATIONERY.**

By arrangements made with one of the book sellers, books and stationery may be purchased hereafter at the College. Text-books will be on sale at the opening of the term and orders for books will be promptly filled.

**SELF-SUPPORT.**

Students desiring to do something towards defraying their own expenses can often find some way of doing so. Some find work on the weekly holiday in stores and other places of business. Others have been able to pay for their board by working mornings and evenings. Applications for aid should be made in advance to the Acting President.



**EXPENSES.**

Boarding in the Dormitory is \$3.00 per week.

Boarding in Edwards Hall, \$1.50 to \$2.00 per week.

Boarding in private families, \$4.00 to \$5.00 per week.

Rooms in Dormitory, furnished with bedstead, wire beds, mattresses, pillows, bureau, washstand, table, chairs, bookcase, heat and light, 50 cents a week for each student.

Washing about 50 cents per dozen pieces.

**Bedclothing.**—Students entering the Dormitory will provide themselves with all articles of bedclothing except pillows and bolsters.

**RATES OF TUITION.**

**Academy.**—1 Tuition in the Academy, for the three terms, \$10.00, \$8.00 and \$6.00 respectively.

2 Incidental fee, \$5.00 per term.

**College.**—1 Tuition in the Collegiate Department, for three terms, \$12.00, \$10.00 and \$8.00 respectively.

2 Incidental fee, \$5.00 per term.

Students in Analytical Chemistry are charged \$5.00 for materials used by them in Laboratory work.

**Free Tuition**—1 Sons and daughters of ministers, upon recommendation of the Faculty, are exempted from payment of tuition. This concession is not limited to Presbyterian ministers.

2 All candidates for the ministry have tuition provided for them, upon the following conditions prescribed by the Board of Trustees:

**Conditions.**—(1) Candidates for the ministry shall be under the care of Presbyteries, or shall have their purpose to enter the ministry certified to by their pastors and church sessions.

(2) Such students shall execute and give to the treasurer of the Board of Trustees an obligation to refund the amount of tuition received in the event of their abandoning their purpose to enter the ministry.

(3) Free tuition shall not be provided for any candidate for the ministry who indulges in the use of tobacco. This action is in keeping with that taken by the Board of Education.

The above concession—free tuition—though made at a great sacrifice to the College, is offered cheerfully and with the purpose of enhancing, as far as possible, the usefulness of the College. It is, however, justly expected of those who are thus helped that they will be faithful in promoting, as far as in their power, the welfare of the institution; that they also be willing to tutor free of charge students who may need gratuitous assistance in making up deficiencies; and that they will complete their course of study at this institution.

### SUMMARY OF EXPENSES.

**Net Expenses.**—The net expenses for the year, including washing, (estimated at \$18.00) is as follows:

1. For students paying tuition:—

(1) Rooming and Boarding in the Dormitory,

(a) Academy, - - - - \$183.00

(b) College, - - - - 189.00

(2) Rooming and Boarding in Edwards Hall,

(a) Academy, about - - - \$120.00

(b) College, about - - - 126.00

2. For candidates for the ministry and for sons and daughters of ministers:—

(1) In the Dormitory,

(a) Academy, - - - - \$159.00

(b) College, - - - - 165.00

- (2) In Edwards Hall,  
 (a) Academy, about - - - \$100.00  
 (b) College, about - - - 105.00

The above does not include books and traveling expenses.

**Payment.**—Tuition and incidental fees must be paid in advance or arranged for with the Treasurer, before students are admitted to their classes. The Treasurer or his representative will be present on the first days of each term, when bills must be paid. This regulation will be strictly enforced.

Board and washing must be paid weekly.

**Extra Charges.**—Extra charges are made as follows:

- (1) For chemicals and breakage of working materials in the Laboratory.
- (2) For tutoring in preparation for regular class standing.
- (3) For special service in case of sickness.
- (4) For diploma, \$10.00.

**Guarantee Fund.**—All students are required on entering College to advance \$2.00 as a guarantee against damage to College property, and to make it up to that amount at the opening of each term thereafter. From this fund will be deducted (1) charges for repairing the damage for which any student may be responsible; (2) charges for damage done by unknown hands. The surplus, if there be any, is refunded to the students at the end of the year or when they leave the institution.

#### TO PARENTS.

Parents are earnestly requested (1) to note the rule of the Board requiring the payment of tuition in advance; (2) to examine carefully the reports of standing sent out at close of each term; (3) to furnish their

sons with but little more money than is needed to meet the necessary expenses as stated above. Students found to be spending money freely will not be retained in the institution.

#### SCHOLARSHIPS.

Geo. D. Dayton, Esq., Worthington, Minn., \$1,000.

Mrs. Sarah J. Rice, of Duluth, widow of the late Rev. Daniel Rice, D. D., has made provision for a scholarship fund of \$10,000, in memory of her two sons, deceased. This fund is not yet available, but it is hoped that it may become so at an early day.

Mrs. Rice has put all the friends of the College under lasting obligation, and her devotion and example should be an inspiration to all who have its welfare at heart.

#### RAISON D'ETRE.

**Query.**—The question may be asked, why maintain Macalester College? Why not entrust the higher as well as the elementary education of our sons and daughters to the State? Why do churches and boards of Christian men holding the same faith, band themselves together to establish colleges and universities?

**Answer.**—The reasons are the same as those which have led Christian men to establish nearly all the higher institutions of learning in the Eastern and Middle States.

These reasons have been admirably set forth by Dr. Herrick Johnson, of Chicago, substantially as follows:

The highest interests of the Church, and of the State too, demand:

1. Colleges that shall have as their chief aim education, with a view to the whole man. Herbert Spencer's

five objects of education leave the higher nature untouched, and make the restraints of culture a rope of sand.

2. Colleges that shall be pervaded by a positive Christian atmosphere.

3. Colleges that shall make the Bible one of the text-books and shall insist that it be taught and studied not only critically as a masterpiece of literature, but devoutly as a divine revelation.

4. Colleges that shall have their instruction in harmony with the Christian faith.

5. Colleges that shall influence decisions for life work so that the tendency shall be favorable to the ministry rather than against it.

6. Colleges that shall be under our own denominational control; and this for two reasons: (a) self-preservation; (b) stewardship. The trust of this vast region is committed in part to us. We are under obligation exactly in proportion to our wealth and numbers and intelligence to attend to this great trust.

And such, in general, is the aim of the founders and of the Board of Macalester College.

**Facts.**—We ask special attention to the following facts:

1. The ONLY Presbyterian center in all the Northwest, indeed, between Lake Michigan and Washington State, is here in St. Paul and Minneapolis.

This center is:

2. 400 miles distant from the nearest well-endowed Presbyterian College, (Lake Forest,) in the Southeast.

3. 500 miles from the nearest Presbyterian College in the North, located at Winnipeg.

4. 1,200 miles from the nearest Presbyterian College to the Northwest, located at Deer Lodge, Mont.

5. 375 miles from the Presbyterian College at Bellevue, near Omaha, Neb.

6. 400 miles from the Presbyterian College of South Dakota, located at Pierre on the Missouri River.

The college at Jamestown, N. D., is closed.

7. 250 miles from Coe and Parsons Colleges in Iowa.

The college at Albert Lea, Minn., is for young women only.

**Conclusion.**—Note, then, that the only *Presbyterian center* in Wisconsin, Minnesota, North and South Dakota, not to speak of the states further West, is here in the Twin Cities. The conclusion is irresistible that if a high-grade and well-endowed college under Presbyterian auspices is not built up here, there is no reasonable ground to hope for an institution of this character in all this great region.

Macalester College has a location unsurpassed for college purposes. It already has a very valuable property. Its possibilities are not equalled by that of any of the younger institutions in our church. Its work, however, has been badly crippled from lack of endowment. It cries loudly for help. It must have it or fail of its mission. There is not, in all the bounds of the Presbyterian church in the West, a greater opportunity for rendering invaluable service in building the Master's Kingdom.

#### TO FRIENDS AND PATRONS.

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To enable us to do thoroughly the work committed to us, and to maintain our position, beside other institutions that are liberally sustained or supported by taxation, additional endowments are greatly needed.

**Needs of the College.**—The following are the most pressing needs of the institution:

1. The endowment of the professorships of Latin, Greek, Mathematics and Natural Science. In all colleges, these are among the most important chairs, and until they have a fixed and guaranteed income no institution can be said to be well endowed. A chair may bear the name of the donor and thus become a most valuable memorial.

2. The endowment of scholarships in sums of \$500 to \$1,000, the income of which shall be used to provide free tuition for young men who have the ministry in view, or who give promise of Christian usefulness.

3. The endowment of the Library. The College Library now holds a far more prominent place in education than in former years, and has become an indispensable adjunct of every department of college work. Funds are needed to supply the latest and best works on all important subjects. See "Library," p. 58.

4. Erection of halls or cottages in which students of small means may find homes.

*Bequests* to the College should be made to "The Trustees of Macalester College,"—the corporate name of the College.

**College Real Estate.**—By the will of the late Daniel Rice, the College has come into possession of a valuable legacy consisting of thirty acres of real estate, lying south of the College, on Randolph street. This is a beautiful property—as fine as any in the interurban district, and is divided by the Randolph Electric Line. The Board desires to hold most of this property till it appreciates in value, but, in view of the present needs of the institution, it is now offering a part of it at a low price and on easy terms—at an average of \$250 a lot, one-fifth down and the rest on or before ten years at six per cent. interest. This is believed to be a very safe and profitable investment.

## ROLL OF STUDENTS.

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### COLLEGIATE DEPARTMENT.

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#### STUDENTS.

a. c., Ancient Classical Course; m. c., Modern Classical; l., Literary; p., Partial.

SAMUEL MARSHALL MARSH,\* a. c. - Winnipeg, Man.

#### SENIOR CLASS.

FRANK ERNEST BALCOME, m. c., Howard Lake, Minn.  
 JOHN WILLIAM CHRISTIANSON, a. c., Jackson, Minn.  
 THOMAS FITZ-MORRIS CLARK, a. c., Eden Prairie, Minn.  
 CHARLES D. DARLING, a. c., - Toronto, Canada.  
 JANET MAY DARLING, l., - - Toronto, Canada.  
 EDWIN HOWARD GORDON, m. c., - Tyner, N. D.  
 HARRY CLINTON SCHULER, a. c., Blue Earth City, Minn.  
 JOHN HANSON SELLIE, a. c., - Fergus Falls, Minn.  
 NELS GILBERTSON SUNDBY, p., Minneapolis, Minn.  
 ARTHUR WHITNEY VANCE, m. c., Saint Paul, Minn.

#### JUNIOR CLASS.

WINTHROP ALLISON, p., - - Saint Paul, Minn.  
 MOSES McDOWELL MAXWELL, a. c. Long Lake, Minn.  
 HENRY A. LEATY, p., - - Duluth, Minn.  
 SAMUEL FEIGHTNER SHARP, a. c., Woodbridge, Canada.  
 FRED T. YERXA, a. c., - - Saint Paul, Minn.

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\*Continuing his studies.



SOPHOMORE CLASS.

JOHN A. BERG, m. c., - - Rush City, Minn.  
 ALEXANDER EDWARD CANCE, a. c., Galesville, Wis.  
 JOHN ELMER DARLING, a. c., - Toronto, Canada.  
 ALBERT ERNEST EVANS, a. c., La Crescent, Minn.  
 JOHN RICHARD GILL, p., - Minneapolis, Minn.  
 CHARLES WILLIAM HANSEN, a. c., - Fulda, Minn.  
 ERNEST CHARLES HENKE, a. c., Saint Paul, Minn.  
 GEORGE ARTHUR HUTCHISON, a. c., Casselton, N. D.  
 GEORGE LECK, a. c., - - Minneapolis, Minn.  
 JOHN MCLEARIE, a. c., - - Cleveland, O.  
 WINIFRED VIOLA MOORE, m. c., Blue Earth City, Minn.  
 ARTHUR ALFRED PALMER, a. c., - Chatfield, Minn.  
 CHARLES PETRAN, a. c., - Minneapolis, Minn.  
 LOUIS BLANCHARD SHERWIN, a. c., Lake Crystal, Minn.  
 WILLIAM KELLOG SHERWIN, a. c., Lake Crystal, Minn.  
 HERBERT R. YERXA, m. c., - Saint Paul, Minn.  
 ARTHUR S. WELBON, a. c., - - Seattle, Wash.

FRESHMAN CLASS.

CLARENCE DWIGHT BAKER, m. c., St. Croix Falls, Wis.  
 JOHN LAWRENCE BELL, a. c., - Winona, Minn.  
 GEORGE WASHINGTON CAMPBELL, m. c., Duluth, Minn.  
 ARTHUR ELLIOTT CLARK, m. c., Saint Paul, Minn.  
 CHARLES WARREN DADE, a. c., - Austin, Minn.  
 ANNA MOORE DICKSON, m. c., - Saint Paul, Minn.  
 CASPAR GREGORY DICKSON, a. c., Saint Paul, Minn.  
 JOHN F. KING, a. c., - Pelican Rapids, Minn.  
 CARLTON LESLIE KOONS, a. c., New Auburn, Minn.  
 ROBERT CHARLES MITCHELL, a. c., Kasota, Minn.  
 WILLIAM JAMES MITCHELL, a. c. Lake Crystal, Minn.  
 DAVID WALTER MORGAN, a. c., - Waterloo, Iowa  
 JOHN OWEN PARRY, a. c., - - Mankato, Minn.  
 NICHOLAS SEFFINGA, a. c., - Greenleafston, Minn.  
 GEORGE W. SMILEY, m. c., - Pipestone, Minn.  
 HARRY WILLIAM VINCENT, m. c., St. Croix Falls, Wis.

## ACADEMY.

## SENIOR CLASS.

WALTER BAKER AUGER, a. c.,	-	Turin, New York.
LOUIS EDWARD CLAPP, a. c.,	- -	Oronoco, Minn.
RALPH ELMER CLARK, a. c.,	- -	Chicago, Ill.
GEORGE EDSON, a. c.,	- -	Oneonta, New York.
ROBERT LEWIS GOULD, a. c.,	-	Saint Paul, Minn.
THOMAS GEORGE JAMIESON, a. c.,	-	Roscoe, S. D.
ROBERT MORRIS LUTZ, m. c.,	-	Saint Paul, Minn.
GEORGE STANLEY, a. c.,	- -	Elbow Lake, Minn.
JOHN TIETEMA, a. c.,	- -	Greenleafon, Minn.

## MIDDLE CLASS.

ARTHUR H. BRUSH, m. c.,	- -	Angus, Minn.
OMAR COVERT, a. c.,	- - - -	Franklin, Ind.
PAUL CHRISTIAN FILBERT, m. c.,		Minneapolis, Minn.
THERESE VAUGHN GASKELL, m. c.,		Saint Paul, Minn.
JAMES GRAHAM, a. c.,	- -	Waterloo, Iowa.
JOHN C. HALL, m. c.,	- -	Saint Paul, Minn.
GEORGE SMITH HANNON, a. c.,	-	Oronoco, Minn.
JOSEPH KOSHABA, a. c.,	- -	Oroomiah, Persia.
CHARLES JOHN LARSON, p.,	- -	Lake Park, Minn.
THOMAS W. MALCOLM, a. c.,	-	West Superior, Wis.
D. N. MORDEN, a. c.,	- -	Brainerd, Minn.
MARY M. MORDEN, a. c.,	-	Brainerd, Minn.
THOMAS MONROE MULLEN, m. c.,	-	St. James, Minn.
OSCAR DUNREATH OLNSTEAD, m. c.,		Waterloo, Iowa.
JOHN W. ROSS, a. c.,	- - -	Tieherne, Man.
RUTHERFORD BENJAMIN SNYDER, a. c.,		Superior, Wis.
DAVID ALPHEUS THOMPSON, a. c.,		Saint Paul, Minn.
ARIE TIETEMA, a. c.,	- -	Greenleafon, Minn.

JUNIOR CLASS.

MAX CODDON,	-	-	-	Saint Paul, Minn.
CHARLES M. FARNEY,	-	-	-	Winnipeg, Man.
WILLIAM G. GRINNELL,	-	-	-	Hammond, Wis.
LOUIS KLINE,	-	-	-	Pine City, Minn.
SARA LUND,	-	-	-	Saint Paul, Minn.
ANNA MARION LUTZ,	-	-	-	Saint Paul, Minn.
CHARLES NASON,	-	-	-	Pine City, Minn.
ERNEST AUGUST OLDENBURG,				North Saint Paul, Minn.
JOHN W. OUTCALT,	-	-	-	Chatfield, Minn.
FRANCIS JOHN TESCA,	-	-	-	Chatfield, Minn.

THE ALUMNI ASSOCIATION.

**Association.**—The Alumni organized themselves into an Association in June, 1894. This Association holds its annual meeting and banquet on Tuesday evening, preceding commencement, in the College chapel and dining hall. It is intended to make this an interesting and important part of the exercises connected with commencement. The purpose of the Association is to cultivate an *esprit de corps* and to do all in its power to promote the interests of the College.

The officers of the Association are:

W. P. Kirkwood, Minneapolis, president.

Rev. T. T. Creswell, Minneapolis, secretary and treasurer.

ALUMNI.

CLASS OF 1889.

George Washington Achard,	Lawyer, Minneapolis.
Joseph Wilson Cochran,	Pres. Minister, Madison, Wis.
Ulysses Grant Evans,	Pres. Minister, Grimes, Iowa.
James Chase Hambleton,	Teacher, Ancud, Chili, S. A.
Benjamin Wallace Irvin,	- - - Deceased.

Samuel Markle Kirkwood, Surgeon, Brainerd, Minn.  
 William Porter Lee, Pres. Minister, Germantown, Pa.  
 Paul Erskine McCurdy, - - Business, Peoria, Ill.  
 Louis Ferdinand Slagle, - - - Deceased.  
 Charles Albert Winter, - Lawyer, New York City.

**CLASS OF 1890.**

Myron Augustus Clark, } Secretary Y. M. C. A., Rio  
                                   } Janeiro, Brazil.  
 Thaddeus Thackeray Creswell, } Pastor, Shiloh Pres.  
                                   } Church, Minneapolis.  
 John Knox Hall, McCormick Theo. Sem., Chicago, Ill.  
 William Henry Humphrey, Pres. Minister, Delhi, O.  
 William Paul Kirkwood, Business, Minneapolis, Minn.  
 Amos Avery Randall, Pres. Minister, Armstrong, Iowa.  
 Judson Leolin Underwood, } McCormick Theological  
                                   } Seminary, Chicago, Ill.

**CLASS OF 1891.**

Frank Brown, - - Teacher, Columbus, Ohio.  
 Walter Francis Finch, Pres. Minister, Greenleaf, Minn.  
 Walfred Sundberg, - - - - Deceased.  
 William B. Turner, Graduate Student, Harvard Univ.  
 Thomas C. Williamson, Business, Greenwood, S. D.

**CLASS OF 1893.**

James Carlisle Simonton, Business, Saint Paul, Minn.  
 Joseph Zoll, Western Theo. Seminary, Alleghany, Pa.

**CLASS OF 1894.**

Francis W. Beidler, Theo. Seminary, Princeton, N. J.  
 Archibald Cardle, Auburn Theo. Sem., Auburn, N. Y.  
 Paul A. Ewert, - Law Student, Pipestone, Minn.  
 George E. Johnson, Auburn Theo. Sem., Auburn, N. Y.  
 Samuel M. Marsh, Continuing studies, Macalester Col.  
 Wm. H. Sinclair, McCormick Theo. Sem., Chicago, Ill.

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