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SECOND  
ANNUAL CATALOGUE  
OF  
MACALESTER COLLEGE,  
MINNESOTA.

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1886-1887.



CATALOGUE  
OF  
MACALESTER COLLEGE.

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PREPARATORY DEPARTMENT.

*JUNIOR.*—ONE COURSE.

*MIDDLE.*—ANCIENT CLASSICAL AND MODERN CLASSICAL.

*SENIOR.*—ANCIENT CLASSICAL AND MODERN CLASSICAL.

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COLLEGIATE DEPARTMENT.

ANCIENT CLASSICAL AND MODERN CLASSICAL.

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ST. PAUL:  
PIONEER PRESS COMPANY.  
1887.

Christus in Omnibus, Lex et Lux.

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Macalester College opened Wednesday, Sept. 16, 1885, under Presbyterian control.

It aims to secure thorough education in the Classics, in the Sciences, in Modern Languages, and in Literature, through experienced teachers, and under positive religious influences.

Denominational, but not Sectarian.

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CHARLES FORBES, *Registrar.*

# In Memoriam

OF

THE REV. NATHANIEL S. McFETRIDGE, D. D.

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On Friday, December 3, 1886, the Rev. N. S. McFetridge, D. D., entered into his rest, at the age of forty-four years.

Early in the year 1885 he was elected to the chair of Greek, Anglo-Saxon and Modern Languages in this College. He was with us at its opening in the autumn of the same year, and did much to secure its early success.

As members of the Faculty, we were strangers when we met; but very soon our departed brother won the esteem and confidence of us all. No less did he win that of the students. As a professor, he was scholarly, careful and diligent in his work. He had the aptitude for teaching in a high degree. He exacted careful and diligent work from the students. Though a constant sufferer, he did not spare himself, and he had small patience with idleness and inattention on the part of any in his classes. When he led the college in morning prayers, his confessions of human frailty and sin, and his pleadings with our Heavenly Father for grace and strength to bear us through the duties of the day, were peculiarly touching.

As a member of the Faculty, he was prudent in counsel, firm in the maintenance of right, faithful to the best interests of the College, and courteous to his brethren.

As a preacher, he was remarkably clear in exposition and impressive in manner. He delighted especially in commending the love, the patience and the faithfulness of Christ, and was never happier than when so engaged.

He was a man of sprightly temperament, of genial and kindly disposition. His intellect was fine, his culture high, his views broad, and his spirit catholic. He was eminently patient in suffering and we who never saw him free from it, know how his brightness and hopefulness and faithfulness in the midst of it, enforced the lesson of Christian joy in submission to the Father's will, with "patient continuance in well-doing," upon all about him.

We mourn our loss in his removal, but we rejoice in his gain; for we can not doubt that now, free "from the windy storm and tempest," he has gone to be "forever with the Lord."

We place this tribute on record to the memory of a faithful friend, a brother beloved in Jesus Christ.



## Collegiate Department.

### STUDENTS.

#### SOPHOMORE CLASS.

GEORGE W. ACHARD,	- - -	Minneapolis, Minn.
JOSEPH W. COCHRAN,	- - -	" "
J. CHASE HAMBLETON,	- - -	West Jefferson, O.
BENJAMIN W. IRVIN,	- - -	- Shreve, O.
SAMUEL M. KIRKWOOD,	- - -	Macalester, Minn.
WILLIAM P. LEE,	- - -	Pembroke, N. Y.
PAUL E. M'CURDY,	- - -	Macalester, Minn.
EDWARD E. NOURSE,	- - -	Bayfield, Wis.

#### FRESHMAN CLASS.

MYRON A. CLARK,	- - -	Minneapolis, Minn.
THADDEUS T. CRESWELL,	- - -	" "
JOHN K. HALL,	- - -	Cedar Rapids, Ia.
WILLIAM H. HUMPHREY,	- - -	Hudson, Wis.
WILLIAM P. KIRKWOOD,	- - -	Macalester, Minn.
*LUCIAN S. ROBE,	- - -	New York City, N. Y.
ALBERT D. TYLER,	- - -	Fergus Falls, Minn.
JUDSON L. UNDERWOOD,	- - -	" " "
ARTHUR B. WRIGHT,	- - -	St. Paul, "
*WILLIAM F. PECHUMEN,	- - -	" " "

\*Irregular.

## Preparatory Department.

### STUDENTS.

#### SENIOR CLASS.

MAITLAND V. BARTLETT,	-	-	-	-	New Richmond, Wis.
HARRY B. BULLEN,	-	-	-	-	Winfield, Kan.
ERNEST A. BRYANT,	-	-	-	-	St. Paul, Minn.
HARRY N. BROWN,	-	-	-	-	Albert Lea, "
ANDREW CHALMERS,	-	-	-	-	Lake City, "
WALTER F. FINCH,	-	-	-	-	Eden Prairie, "
HARRY LORD,	-	-	-	-	Shakopee, "
EDWARD J. MOLES,	-	-	-	-	Minneapolis, "
FLORENCE W. RAMALEY,	-	-	-	-	St. Paul, "
EUGENE J. RAMALEY,	-	-	-	-	" "
WILLIAM M. THOMPSON,	-	-	-	-	" "

#### MIDDLE CLASS.

JAY I. ANDREWS,	-	-	-	-	Hudson, Wis.
JOHN S. BOUTELL,	-	-	-	-	Minneapolis, Minn.
WILLIAM BREWSTER,	-	-	-	-	White Bear, "
EDWARD N. BULLEN,	-	-	-	-	Ashton, Dak.
COLIN R. CLARK,	-	-	-	-	Mandan, "
ALEXANDER COCHRAN,	-	-	-	-	St. Paul, Minn.
WARNER CHURCHILL,	-	-	-	-	Macalester, "
EDWARD DARLING,	-	-	-	-	Hudson, Wis.
ARTHUR G. DUNCAN,	-	-	-	-	Fargo, Dak.
WILLIAM R. DYSART,	-	-	-	-	St. Paul, Minn.
KYLE GILMORE,	-	-	-	-	Minneapolis, "
HARRY L. GREENLEE,-	-	-	-	-	Fergus Falls, "

FRANK C. HAMAN,	-	-	-	-	Hudson, Wis.
FRANCIS HANSON,	-	-	-	-	Minneapolis, Minn.
JAMES HARBERT,	-	-	-	-	Bayfield, Wis.
JOSEPH M. HARGIS,	-	-	-	-	Macalester, Minn.
EDWARD W. JEFFRIES,	-	-	-	-	Minneapolis, "
FRANK B. KIDDER,	-	-	-	-	Merriam Park, "
DANIEL D. MCLEOD,	-	-	-	-	Baddeck, Can.
MURDOCK MCLEOD,	-	-	-	-	St. Paul, Minn.
W. ALLEN McCURDY,	-	-	-	-	Macalester, "
WILLIAM S. MCFETRIDGE,	-	-	-	-	Greenville, Pa.
ROBERT MILLER,	-	-	-	-	Minneapolis, Minn.
WILLIAM MORSE,	-	-	-	-	" "
WALTER B. SAMPLE,	-	-	-	-	New York City, N. Y.
GUY A. TAWNEY,	-	-	-	-	New Castle, Ind.
JAMES M. WALLS,	-	-	-	-	St. Paul, Minn.
SANDFORD WHITING,	-	-	-	-	" "
PERCY WILSON,	-	-	-	-	Fort Meade, Dak.

## JUNIOR CLASS.

CYRUS J. BRIMHALL,	-	-	-	-	Macalester, Minn.
LLOYD BARTLETT,	-	-	-	-	St. Paul, "
HARRY C. CHAMBERS,	-	-	-	-	Stillwater, "
CLARE S. COLGROVE,	-	-	-	-	Minneapolis, "
ROBERT J. DYSART,	-	-	-	-	St. Paul, "
FRED FORD,	-	-	-	-	" "
HARRY HAMPTON,	-	-	-	-	Macalester, "
FENTON C. MURRAY,	-	-	-	-	St. Paul, "
CHARLES M. MURRAY,	-	-	-	-	Princeton, "
JOHN H. PERKINS,	-	-	-	-	Lake City, "
JAMES SIMONTON,	-	-	-	-	St. Paul, "
WILLIAM STROBRIDGE,	-	-	-	-	Minneapolis, "
GUY WILSON,	-	-	-	-	Fort Meade, Dak.
CHARLES S. WHITING,	-	-	-	-	St. Paul, Minn.
F. BROOKS UPHAM,	-	-	-	-	Fort Custer, Mont.

The following young ladies living near to, and on the grounds of, Macalester College, were, by action of the Board of Trustees, admitted to classes in the Preparatory Department of the College:

## SENIOR CLASS.

GERTRUDE BRIMHALL,	-	-	-	-	Macalester, Minn.
HELEN HAMPTON,	-	-	-	-	“ “
ELEANOR G. MCFETRIDGE,	-	-	-	-	“ “
JENNIE MCFETRIDGE,	-	-	-	-	“ “

## MIDDLE CLASS.

ALICE EDDY,	-	-	-	-	Merriam Park, Minn.
MINNIE KITCHEN,	-	-	-	-	Macalester, “
MARY MCGOFFIN,	-	-	-	-	Merriam Park, “
EDITH ROBBINS,	-	-	-	-	“ “ “
BARBARA STOLTZ,	-	-	-	-	Macalester, “
LENA STOLTZ,	-	-	-	-	“ “



## General Summary.

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### COLLEGIATE DEPARTMENT.

Sophomore Class,	- - - - -	8
Freshman Class,	- - - - -	10

### PREPARATORY DEPARTMENT.

Senior Class,	- - - - -	11
Middle Class,	- - - - -	29
Junior Class,	- - - - -	15
Young Ladies in the above Classes,	- - - - -	10
Total,	- - - - -	83



## Collegiate Course.

### FRESHMAN CLASS—First Term.

ANCIENT CLASSICAL.	MODERN CLASSICAL.
Bible Study : O. T. Biography (1).* Math. : Algebra— <i>Ray</i> (4). Latin : Cicero, De Senectute (4). Greek : Lucian—Selections } (4). Prose Comp. } English : Study of Words— <i>Trench</i> (3). English History (2). Perspective Drawing (2).	Bible Study : O. T. Biography (1). Math. : Algebra— <i>Ray</i> (4). Latin : Cicero, De Senectute (4). Ger. : Hist. of Germany— <i>Taylor</i> } (4). German Prose— <i>Boisen</i> } English : Study of Words— <i>Trench</i> (3). English History (2). Perspective Drawing (2).

\*Figures in parentheses show the number of recitations per week. Each recitation 45 minutes.

### FRESHMAN CLASS—Second Term.

ANCIENT CLASSICAL.	MODERN CLASSICAL.
Bible Study : O. T. Biography (1). Math. : Algebra— <i>Ray</i> (4). Latin : Cicero, De Amicitia (4). Greek : Herodotus—Selections } (4). Prose Comp. } Logic (3). English History (2). Perspective Drawing (2).	Bible Study : O. T. Biography (1). Math. : Algebra— <i>Ray</i> (4). Latin : Cicero, De Amicitia (4). German : Ballads— <i>Wagner</i> } (4). Prose Comp.— <i>Boisen</i> } Logic (3). English History (2). Perspective Drawing (2).

### FRESHMAN CLASS—Third Term.

ANCIENT CLASSICAL.	MODERN CLASSICAL.
Bible Study : N. T. Biography (1). Math : Trigonometry— <i>Wentworth</i> (4). Latin : Ovid (4). Greek : Homer— <i>Iliad</i> (4). Natural Science : Astronomy— <i>Newcomb</i> (4). Eng. : Day's Art of Discourse (3).	Bible Study : N. T. Biography (1). Math : Trigonometry— <i>Wentworth</i> (4). Latin : Ovid (4). German : Wallenstein— <i>Schiller</i> (4). Natural Science : Astronomy— <i>Newcomb</i> (4). Eng. : Day's Art of Discourse (3).

## SOPHOMORE CLASS—First Term.

ANCIENT CLASSICAL.	MODERN CLASSICAL.
Bible Study: O. T. History (1). Math.: Trigonometry— <i>Wentworth</i> (4). Latin: Horace (4). Greek: Homer— <i>Iliad</i> (4). Natural Science: Physics— <i>Deschanel</i> (4). Eng.: Day's Art of Discourse (2). History (1).	Bible Study: O. T. History (1). Math.: Trigonometry— <i>Wentworth</i> (4). Latin: Horace (4). German: <i>Wilhelm Tell</i> (4). Natural Science: Physics— <i>Deschanel</i> (4). Eng.: Day's Art of Discourse (2). History (1).

## SOPHOMORE CLASS—Second Term.

ANCIENT CLASSICAL.	MODERN CLASSICAL.
Bible Study: O. T. Hist. (1). Math: Conic Sections and Analytical Geometry (4). Latin: Horace (3). Greek: Demosthenes— <i>Olynthiacs</i> (3). Natural Science: Physics— <i>Deschanel</i> (5). Eng.: Day's Art of Discourse (2). History: Lectures (2).	Bible Study: O. T. Hist. (1). Math.: Conic Sections and Analytical Geometry (4). Latin: Horace (3). Ger.: Hermann and Dorothea— <i>Gæthe</i> (3). Natural Science: Physics— <i>Deschanel</i> (5). Eng.: Day's Art of Discourse (2). History: Lectures (2).

## SOPHOMORE CLASS—Third Term.

ANCIENT CLASSICAL.	MODERN CLASSICAL.
Bible Study: O. T. Hist. (1). Math.: Surveying, Field Work (3). Latin: Tacitus (3). Greek: Apology and Crito (3). Natural Science: Physics— <i>Deschanel</i> (4). Psychology: Introduction— <i>Porter</i> (3). History: Lectures (2).	Bible Study: O. T. Hist. (1). Math.: Surveying, Field Work (3). Latin: Tacitus (3). Ger.: Iphigenia— <i>Gæthe</i> (3). Natural Science: Physics— <i>Deschanel</i> (4). Psychology: Introduction— <i>Porter</i> (3). History: Lectures (2).



JUNIOR CLASS—First Term.

ANCIENT CLASSICAL.	MODERN CLASSICAL.
<p>Bible Study: O. T. Literature (1).                      Christian Evidences (2).                      Natural Science: Chemistry (4).                      Psychology: Intellect—Presentation and Representation—<i>Porter</i> (4).                      Anglo-Saxon: Grammar and Reader—<i>March</i> (2).                      ELECTIVES—                      Math.: Differential Calculus (5).                      { Latin: Cicero, De Officiis (3).                      { Greek: Æschylus (2).                      Ger.: Grammar—<i>Schmitz</i> (5).                      French: Bocher's Otto's Grammar and Reader (5).</p>	<p>Bible Study: O. T. Literature (1).                      Christian Evidences (2).                      Natural Science: Chemistry (4).                      Psychology: Intellect—Presentation and Representation—<i>Porter</i> (4).                      Anglo-Saxon: Grammar and Reader <i>March</i> (2).                      ELECTIVES—                      Math.: Differential Calculus (5).                      { Latin: Cicero, De Officiis (3).                      { Ger.: Nathan der Weise (2).                      Greek: Lessons and Grammar—(5).                      French: Bocher's Otto's Grammar and Reader (5).</p>

JUNIOR CLASS—Second Term.

ANCIENT CLASSICAL.	MODERN CLASSICAL.
<p>Christian Evidences (2).                      Natural Science: Chemistry (4).                      Math: Mathematical Astronomy (2).                      Psychology: Intellect—Representation cont'd—<i>Porter</i>. Logic (4).                      Anglo-Saxon—Grammar and Reader—<i>March</i> (2).                      ELECTIVES—                      Math.: Integral Calculus (4).                      { Latin: Plautus (3).                      { Greek: Sophocles—Antigone (2).                      Ger.: Grammar—<i>Schmitz</i>                      First German Book— } (5).                      Worman }                      French: Bocher's Otto's Grammar and Reader (5).</p>	<p>Christian Evidences (2).                      Natural Science: Chemistry (4).                      Math.: Mathematical Astronomy (2).                      Psychology: Intellect—Representation cont'd—<i>Porter</i>. Logic (4).                      Anglo-Saxon: Grammar and Reader—<i>March</i> (2).                      ELECTIVES—                      Math.: Integral Calculus (5).                      { Latin: Plautus (3).                      { Ger.: Minna von Barnhelm—                      Lessing (2).                      Greek: Lessons and Anabasis (5).                      French: Bocher's Otto's Grammar and Reader (5).</p>

## JUNIOR CLASS—Third Term.

ANCIENT CLASSICAL.	MODERN CLASSICAL.
Bible Study: N. T. Literature (1).	Bible Study: N. T. Literature (1).
Natural Science: Botany (5).	Natural Science: Botany (5).
Psychology: Intellect—Thought— <i>Porter</i> (4).	Psychology: Intellect—Thought— <i>Porter</i> (4).
English: Literature of the Transition Period (3).	English: Literature of the Transition Period (3).
ELECTIVES—	ELECTIVES—
Math.: Analytical Mechanics (5).	Math.: Analytical Mechanics (5).
{ Latin: Terence (3).	{ Latin: Terence (3).
{ Greek: Euripides or Aristophanes (2).	{ Ger.: Deutsche Literaturge- schichte (2).
Ger.: Grammar— <i>Schmitz</i> .	Greek: Anabasis and Prose Comp. (5)
First German Book— <i>Worman</i> } (5).	French: Grammar Continued
French: Grammar Continued	Causeries Avec Mes Eleves } (5).
Causeries Avec Mes Eleves } (5).	— <i>Sauveur</i>
— <i>Sauveur</i>	

## SENIOR CLASS—First Term.

ANCIENT CLASSICAL.	MODERN CLASSICAL.
History of Free Thought— <i>Farrar</i> (3).	History of Free Thought— <i>Farrar</i> (3).
Natural Science: Physiology and Hygiene (3).	Natural Science: Physiology and Hygiene (3).
Metaphysics: Intuitions (4).	Metaphysics: Intuitions (4).
English: Literature of the Fourteenth Century (2).	English: Literature of the Fourteenth Century (2).
Political Science: Political Econ- omy (2).	Political Science: Political Econ- omy (2).
ELECTIVES—	ELECTIVES—
{ Latin: Christian Classics (2).	{ Latin: Christian Classics (2).
{ Greek: New Testament (2).	{ Ger.: Deutsche Literaturge- schichte (2).
Ger.: Reader and Grammar	Greek: Anabasis and Prose Compo- sition (4).
— <i>Whitney</i> } (4).	French: Histoire de la France— <i>Fleury</i> (4).
Second German Book— <i>Worman</i>	
French: Histoire de la France— <i>Fleury</i> (4).	

SENIOR CLASS—Second Term.

ANCIENT CLASSICAL.	MODERN CLASSICAL.
<p>Christian Ethics—<i>Gregory</i> (3).                      Natural Science: Zoology and Comparative Anatomy (2).                      Psychology: History of Philosophy—<i>Schwegler</i> (2).                      English: Literature of the Sixteenth Century (2).                      Social Science: History of Civilization—<i>Guizot</i> (3).                      ELECTIVES—                      { Latin: Virgil—<i>Georgics</i> (2).                      { Greek: Lyric Poetry (2).                      Ger.: Reader and Grammar—<i>Whitney</i> } (4).                      Manual of German Conversation—<i>Worman</i> }                      French: <i>Le Cid</i> (<i>Corneille</i>) or <i>Lit-                      erateur Francaise Classique</i> (2).                      Natural Science: Laboratory Work—<i>Chemical Analysis</i> (2).</p>	<p>Christian Ethics—<i>Gregory</i> (3).                      Natural Science: Zoology and Comparative Anatomy (2).                      Psychology: History of Philosophy—<i>Schwegler</i> (4).                      English: Literature of the Sixteenth Century (2).                      Social Science: History of Civilization—<i>Guizot</i> (3).                      ELECTIVES—                      { Latin: Virgil—<i>Georgics</i> (2).                      { Ger.: <i>Deutsche Literaturgeschichte</i> (2).                      Greek: <i>Anabasis</i> and <i>New Testament</i> (4).                      French: <i>Le Cid</i> (<i>Corneille</i>) or <i>Lit-                      erateur Francaise Classique</i> (2).                      Natural Science: Laboratory Work—<i>Chemical Analysis</i> (2).</p>

SENIOR CLASS—Third Term.

ANCIENT CLASSICAL.	MODERN CLASSICAL.
<p>Social Science: Sociology (2).                      Natural Science: Geology—<i>Dana</i> (2).                      Biology (3).                      Political Science: Constitutional and International Law (5).                      English: Modern Literature (2).                      Latin Literature: Lectures (2).                      Grecian Philosophy: Lectures (1).</p>	<p>Social Science: Sociology (2).                      Natural Science: Geology (2).                      Biology (3).                      Political Science: Constitutional and International Law (5).                      English: Modern Literature (2).                      Latin Literature: Lectures (2).                      Grecian Philosophy: Lectures (1).</p>

## Preparatory Department.

### JUNIOR CLASS.

#### FIRST TERM.

Biblical Instruction (1).\*  
 Arithmetic: Ray (4).  
 English Grammar—*Harvey* (4).

Physical Geography—*Cornell* (3).  
 United States History—*Scudder* (3).  
 Latin: First Lessons—*Collar & Daniell* (5).

#### SECOND TERM.

Biblical Instruction (1).  
 Arithmetic—*Ray* (4).  
 English Grammar—*Harvey* (4).

Physical Geography—*Cornell* (3).  
 United States History—*Scudder* (3).  
 Latin: First Lessons—*Collar & Daniell* (5).

#### THIRD TERM.

Biblical Instruction (1).  
 Arithmetic—*Ray* (5).  
 Latin Grammar—*Harkness*.

First Lessons—*Collar & Daniell* (5).  
 English: Higher Lessons—*Reed & Kellogg* (5).  
 Drawing—Elementary Free-hand (5).

\* Figures in parentheses show the number of recitations per week. Each recitation 45 minutes.

Those entering the Junior Class of this department are supposed to be well prepared in studies of a lower grade. (See requirements for admission.) After completing the work of this class, students are advanced to the Ancient Classical Course or to the Modern Classical Course; the classics in the former being Latin and Greek, and in the latter, Latin and German. In all other respects the studies are the same in both Courses. By this arrangement students may choose either Greek or German, both of which are now introduced and are carried forward throughout the curriculum.

## MIDDLE CLASS—First Term.

ANCIENT CLASSICAL.	MODERN CLASSICAL.
Bible Study (1).	Bible Study (1).
Algebra— <i>Ray</i> (5).	Algebra— <i>Ray</i> (5).
Latin : Grammar— <i>Harkness</i> } (5).	Latin : Grammar— <i>Harkness</i> } (5).
<i>Nepos</i> }	<i>Nepos</i> }
Greek : Lessons and Grammar— <i>Hadley-Allen</i> (5).	German : Grammar— <i>Schmitz</i> (5).
English : Higher Lessons— <i>Reed &amp; Kellogg</i> (4).	English : Higher Lessons— <i>Reed &amp; Kellogg</i> (4).

## MIDDLE CLASS—Second Term.

ANCIENT CLASSICAL.	MODERN CLASSICAL.
Bible Study (1).	Bible Study (1).
Algebra : <i>Ray</i> (5).	Algebra : <i>Ray</i> (5).
Latin : Grammar— <i>Harkness</i> } (5).	Latin : Grammar— <i>Harkness</i> } (5).
<i>Cæsar</i> and Prose Comp. }	<i>Cæsar</i> and Prose Comp. }
Greek : Grammar and Lessons— <i>Hadley-Allen</i> (5).	German : Grammar— <i>Schmitz</i> } (5).
English : Word Analysis— <i>Swinton</i> (4).	First Book— <i>Worman</i> }
	English : Word Analysis— <i>Swinton</i> (4).

## MIDDLE CLASS—Third Term.

ANCIENT CLASSICAL.	MODERN CLASSICAL.
Bible Study (1).	Bible Study (1).
Algebra : <i>Ray</i> (5).	Algebra : <i>Ray</i> (5).
Latin : Grammar— <i>Harkness</i> } (5).	Latin : Grammar— <i>Harkness</i> } (5).
<i>Cæsar</i> and Prose Comp. }	<i>Cæsar</i> and Prose Comp. }
Greek : <i>Anabasis</i> and Prose Composition (5).	German : Grammar— <i>Schmitz</i> } (5).
English : Word Analysis (4).	First Book— <i>Worman</i> }
	English : Word Analysis (4).

## SENIOR CLASS—First Term.

ANCIENT CLASSICAL.	MODERN CLASSICAL.
Bible Study (1).	Bible Study (1).
Geometry: Plane— <i>Wentworth</i> (4).	Geometry: Plane— <i>Wentworth</i> (4).
Latin: Grammar— <i>Harkness</i>	Latin: Grammar— <i>Harkness</i>
Virgil: <i>Æneid</i> } (5).	Virgil: <i>Æneid</i> } (5).
Greek Grammar	German: Reader and Grammar
Anabasis and Prose Composition } (5).	<i>Whitney</i> } (5).
English: <i>Chittenden</i> (2).	Second German Book— <i>Worman</i> } (5).
Elementary Civics (2).	English— <i>Chittenden</i> (2).
Physiology and Hygiene (1).	Elementary Civics (2).
	Physiology and Hygiene (1).

## SENIOR CLASS—Second Term.

ANCIENT CLASSICAL.	MODERN CLASSICAL.
Bible Study (1).	Bible Study (1).
Geometry: Solid— <i>Wentworth</i> (4).	Geometry: Solid— <i>Wentworth</i> (4).
Latin: Grammar— <i>Harkness</i>	Latin: Grammar— <i>Harkness</i>
Virgil: <i>Æneid</i> } (5).	Virgil: <i>Æneid</i> } (5).
Greek: Grammar	German: Reader and Grammar
Anabasis and Prose Composition } (5).	— <i>Whitney</i> } (5).
English: <i>Chittenden</i> (2).	Manual of German Conversation
History: Swinton's Outlines (3).	— <i>Worman</i> } (5).
	English: <i>Chittenden</i> (2).
	History: Swinton's Outlines (3).

## SENIOR CLASS—Third Term.

ANCIENT CLASSICAL.	MODERN CLASSICAL.
Bible Study (1).	Bible Study (1).
Geometry: Spherical— <i>Wentworth</i> (4).	Geometry: Spherical— <i>Wentworth</i> (4).
Latin: Grammar— <i>Harkness</i>	Latin: Grammar— <i>Harkness</i>
Cicero—Orations	Cicero—Orations
Prose Composition } (5).	Prose Composition } (5).
Greek: N. T. and Prose Composition	German: Reader and Grammar
(5).	— <i>Whitney</i> } (5).
English— <i>Chittenden</i> (1).	Manual of German Conversation
History: Swinton's Outlines (4).	— <i>Worman</i> } (5).
	English: <i>Chittenden</i> (1).
	History: Swinton's Outlines (4).

## Courses of Study.

The departments of study herewith presented are the Preparatory and the Collegiate. Thirty-six weeks, exclusive of vacations, constitute a year's study.

I. The Preparatory Department covers a period of three years, and is arranged to meet all requirements of thorough preparation for either of the Collegiate Courses. There are introduced at the beginning of the Middle Preparatory two Courses:—the Ancient Classical and the Modern Classical; German in the Modern Classical is made the equivalent of Greek in the Ancient Classical. These courses run parallel throughout the curriculum, and furnish attractive and rare opportunities for proficiency in their prescribed studies.

Students are admitted to this department and assigned to such classes as their examinations determine; and all students in this department are under the special oversight of the Faculty, with the view of helping them to fixed habits of study, and of securing their greater proficiency in the branches studied. Those completing the studies of this department pass regularly and without examination into the Collegiate Department.

II. The Collegiate Department, like the Middle and Senior Preparatory, is divided into the Ancient Classical and Modern Classical. These courses are maintained until the close of the Second Term of the Senior year. No variation either from the Ancient Classical, or Modern Classical, is permitted during the Freshman and Sophomore years. In the Junior, and *first* and *second* terms of the Senior year, the electives are as follows: Mathematics, Greek, Latin, German, French, and Laboratory work. Election of the desired course being made at the beginning of the Junior year, the student must pursue the studies of that course without change.

No class in Elective Studies will be formed with less than four members.

The following distinctive features of the prescribed course are worthy of note:

1. Students in the Ancient and Modern Classical courses have the same advantages in Mathematics, in the Sciences, in History, and in English.
2. The Bible and English (including Anglo-Saxon) are made prominent features throughout the curriculum.
3. Natural Science is introduced in the Freshman year, and continues throughout the course.
4. Mental Science is introduced in the third term of the Sophomore year, in which a careful general view of the science is given, as needful preparation for the thorough mastery of the subject in succeeding terms.
5. The last term of the Senior year is devoted exclusively to Sciences, Literature and Philosophy.

## Requirements for Admission.

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1. *Applicants for the Junior Preparatory* are required to pass an examination in Orthography, Descriptive Geography, Arithmetic through Common Fractions, and Elements of English Grammar.

2. *Applicants for the Freshman* are required to pass an examination as follows:

MATHEMATICS.—Arithmetic completed, Algebra to Quadratics, and Geometry.

ENGLISH.—Grammatical Analysis, Word Analysis, and Elements of Rhetoric.

HISTORY.—U. S. History, General History. (Swinton's, Anderson's, or their equivalents.)

PHYSICAL GEOGRAPHY.—Cornell's, or its equivalent.

LATIN.—Three books of Cæsar, four lives of Nepos, four books of Virgil, and three Orations of Cicero, or their equivalents.

3. In addition to the above, applicants for the Ancient Classical are required to pass an examination in Greek, as follows:

Lessons, three books of Anabasis, twenty lessons of Jones' Prose, or their equivalent.

Applicants for the Modern Classical are required to pass an examination in German as follows: German Grammar and Whitney's or Adler's Reader.

4. Applicants for more advanced classes are required to pass an examination in the studies, or their equivalents, of the lower classes.

5. Applicants deficient in some studies will be given opportunity to make up what will secure full class standing.

6. Due consideration will be given to the certificates of grades and diplomas brought by students from High Schools, Normal Schools and Academies.



## Particular Description.

### RELIGIOUS INSTRUCTION, APOLOGETICS AND ETHICS.

#### THE PRESIDENT.

The Gospel Narrative and History constitute the scope of Biblical Instruction in the Preparatory Course, from the beginning to the first term of the Senior year. An analysis of the Gospel History is now introduced and limited to the Senior Preparatory.

In the first term of the Junior Collegiate year the Evidences of Christianity are begun, and continued through the second term. By critical analysis and historic review the stability and growth of the Christian system are shown in contrast with the corruption and decay of the false systems of religion. Special attention is given to the harmony of Science and Religion.

The first and second terms of the Senior year are devoted to a thorough discussion of Farrar's Free Thought, and Gregory's Christian Ethics. In the whole course of Biblical Instruction, the *evangelical* views of the Christian religion are reverently and tenderly pressed upon the heart of the student.

### POLITICAL SCIENCE.

#### THE PRESIDENT AND PROF. NEILL.

The branches taught are Civics, Political Economy, History of Civilization and Constitutional and International Law. The instruction is given by text books and lectures. In Civics, the aim is to furnish the student with clearly defined views of his duties as a citizen; in Political Economy, to trace briefly the history of the Science, to inculcate sound economic principles on current questions, to present clearly conflicting views on disputed theories, and all from the standpoint of Christian sociology.

The History of Civilization is taught by the text-book, supplemented by lectures.

The study of Constitutional Law is limited to the formation, adoption and provisions of the Constitution of the United States, to which are added a course of supplementary lectures on International Law.

### HISTORY AND ENGLISH LITERATURE.

#### PROF. NEILL.

The study of Rhetoric continues through the Freshman and Sophomore years. Two terms are then given to Anglo-Saxon in which selections from the Gospels, Caedmon, Beowulf and King Alfred are critically read after the same method as that employed in the study of Latin and Greek. Attention is constantly directed to the contributions Anglo-Saxon has made to our own tongue, in words, phrases, idioms, syntax, etc. Following this, one term is devoted to a general view and critical study of selections from the literature of the Transition Period. Later epochs and their representative authors are treated in the same way.

## HISTORY.

History is a required study in each of the courses, and runs through the greater part of the curriculum, beginning with the Junior Preparatory year. Besides the Biblical History and the History of Civilization, named elsewhere, this department of study embraces the History of the United States, Outlines of History, the History of England, of Greece and of Rome. To this is added an extensive course of supplementary lectures on Ancient, Mediæval and Modern History and Institutions. Besides the instructions given by text-book and lectures, students in Greek, Latin and German prepare historical essays on assigned topics. Throughout the course books for collateral reading are recommended and courses of reading along special lines are mapped out when desired.

## MENTAL SCIENCE AND LOGIC.

## PSYCHOLOGY.

PROF. KIRKWOOD.

Study in this department begins with the third term of the Sophomore year and continues, in regular course, to the end of the second term of the Senior year.

The first term is devoted to the attainment of a general view of the Science; after which the processes and products of the cognitive powers are studied in order, beginning with Consciousness and Sense-perception and going on through Representation, Thought and the Intuitions.

In connection with this work, Formal Logic is studied in the second term of the Junior year.

Afterwards, Conscience, the Feelings and Will, or the Motive Powers, are studied in their processes and bearing upon practical living.

The second term of the Senior year is set apart for the study of the History of Philosophy, and the course is closed by lectures delivered in the third term of the Senior year.

Porter's work on "*The Human Intellect*" is made the basis of the course.

## DEPARTMENT OF NATURAL SCIENCE.

PROF. FORBES.

PHYSICS is studied during the Sophomore year. It is taught by text-books, supplemented by lectures and experiments.

CHEMISTRY with Laboratory work is taught as far as possible after the same method as Physics.

BOTANY.—In addition to the use of the text-book each student is required to collect and mount not less than fifty species of plants; also, to prepare sections of vegetable tissue as objects for the microscope.

PHYSIOLOGY, HYGIENE AND ANATOMY are taught with the aid of text-books, charts, manakin and skeletons, and Biology and *Comparative Anatomy* with text-books, models and skeletons.

ASTRONOMY.—In addition to the study of the text-book, each student is required to locate, and make diagrams of, not less than twenty-five of the principal constellations.

GEOLOGY is studied with the text-book, to which is added field work for the collection and classification of minerals, rocks and fossils. Biology will conclude the department of Natural Science.

Special features, however, are brought to view :

1. In *Physics*, skill in the use of the telegraph instruments to the extent of being able to send and receive messages readily, is made *competitive*.

2. In *Photography*, students are required to present twenty-five negatives and prints from the same, all of their own work. They will also be taught the use of the microscope in micro-photography.

#### LATIN AND ENGLISH.

PROF. PEARSON.

LATIN.—Throughout the early years of the course analysis and synthesis, both of words and sentences, are considered indispensable. Special emphasis is put upon the Etymology and Syntax of the language that the student may acquire facility in translating accurately and fluently into idiomatic English. In connection with the poets, Prosody is made prominent. Throughout the course such readings, dissertations and essays are required as will lead students into a careful study of the Literature and History of the Roman people, emphasis being placed upon the manners and customs, political and intellectual development, as well as their relations to other historic nations and times. Reference is had constantly to the studies that are pursued simultaneously that the work may be as nearly unified as possible.

ENGLISH.—The constant aim is to give facility in writing and speaking, and to encourage students in a critical study of the English classics. The connection of English with Latin is constantly observed. Thus the benefits of the study of Latin are seen daily in the study of English. In connection with the Art of Discourse essays are required each week. The criticism of essays forms a special feature, with the double view of leading students into the use of good English as well as into habits of careful, intelligent thinking.

#### GREEK LANGUAGE AND LITERATURE.

PROF. WALLACE.

Greek is a cardinal feature of the Ancient Classical Course. The general aim is to study critically some of the masterpieces in each of the great departments of Greek literature: History, Oratory, Philosophy and Poetry.

In the first year the Lessons and first book of the *Anabasis* (except chapters 3 and 9) are completed. In the Senior Preparatory and Freshman years, the *Anabasis* and the Dialogues of Lucian (or the Orations of Lysias), with Prose Composition and a daily lesson in the *Grammar*, are carefully studied to give facility in reading plain Attic prose. Special attention is here given to the acquisition of a large vocabulary.

Three terms are then given to Ionic Greek — Homer and Herodotus — in connection with which the habits, customs, political and religious ideas of the early Greeks are carefully noted. In the study of oratory, besides the attention ordinarily given to Demosthenes, at least one oration of Lysias and one of Isocrates is critically read in the original, or in English, and a general view of the development of Greek oratory is presented. The same plan is pursued in the study of the philosophical writers and the poets.

As most of those that elect Greek have the ministry in view, the Senior year is devoted largely to the Greek Testament, the aim being to read carefully all of St. Paul's Epistles.

To give the student some acquaintance with Greek as *now spoken*, a few recitations are set apart for sight reading in newspapers now published in Athens.

Throughout the course, collateral reading in the histories of Cox, Smith, Grote, Curtius and other standard authors is prescribed.

#### GERMAN LANGUAGE AND LITERATURE.

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 History and the masterpieces of German Literature. Accordingly, to the careful study of German and the reading of German Classics is added a thorough course in conversational exercises.

In the first year the Grammar and First German Book (Worman) are completed. The next two years are given to the Reader, Grimm's Fairy Tales, Prose, Composition, and History of Germany. Then follows the critical study of the classic authors, Lessing, Shiller and Goethe. The course closes with a general survey, by means of text-book and lectures, of the entire field of German Literature.

#### FRENCH LANGUAGE AND LITERATURE.

French is introduced as an elective in both the Ancient and the Modern Classical courses at the beginning of the Junior year. As students have then made large attainments in Latin it is believed that much facility in reading and even in speaking the French language may be attained in the time allotted to it. The method of study is the same as that pursued with the German—a combination of the natural or conversational with the scientific.

#### BIBLICAL HISTORY AND LITERATURE.

PROF. RICE.

The Bible has been given a central place in the College Curriculum. It is deemed by the founders of the College the most instructive book to be found in the whole range of literature, in biography in history, in widely varied passages of unrivaled literary beauty, both in poetry and in prose, in the revelation of a perfect Law and a perfect Gospel, of a perfect Law Giver and a perfect Saviour,

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in the culture of a manly character and a noble life. It will be the aim of this department to aid the students in understanding and appreciating the manifold excellences that have secured for the Bible the title of "THE BOOK."

**MATHEMATICS.**

PROF. BOYD.

The course in Mathematics is required by all students to the beginning of the Junior year, when it falls among the electives. The subjects taught are Algebra, Solid and Spherical Geometry, Plane Trigonometry, Mensuration, Surveying, Navigation, Spherical Trigonometry, Conic Sections, Analytical Geometry, Differential and Integral Calculus, Analytical Mechanics, Acoustics and Optics. In Surveying, field work is made a specialty. Original problems are presented throughout the course for solution.

## General Information.

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### LOCATION.

Macalester College is located midway between the business centres of the cities of Minneapolis and St. Paul, and within one and a half miles of Merriam Park. The Chicago, Milwaukee & St. Paul Railway passes within three-quarters of a mile of the College building. 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 grounds brings St. Paul into view. On the east of the College is Snelling Avenue, on the north is Summit Avenue, or the projected *boulevard*, two hundred feet in width, from Minneapolis to St. Paul. Being about five miles from the business centres of the Twin Cities, it is, by the cars, a ten minutes' ride to either. Trains pass every hour to one or other of the cities. There are no saloons or other temptations to immoral habits present. All of the advantages of the city are had, without *any* of the disadvantages. The healthfulness of the climate is unsurpassed.

### ACCESS.

Access to it is had by means of the Chicago, Milwaukee & St. Paul Railway. The trains stop at Macalester Station, the point where Snelling Avenue intersects the railroad.

Special rates of travel are furnished students from either city. These allow students to board at home and easily avail themselves of superior advantages for a thorough collegiate education.

### CHARACTER.

The character of the College is religious, under Presbyterian control. It aims at *Higher Christian Education*, theoretical and practical. The cardinal doctrines of the Christian religion will be firmly maintained, but denominational preferences will not be interfered with. We accept the trust of young men committed to our care, and will carefully guide them in paths of literature, science and religion, and guard them against any habit not in keeping with the highest standard of manly character and moral excellence; and, with Divine help, we will seek to realize our aim in thoroughly educated Christian young men.

### HOME.

Students will find a *home* in the Dormitory, and social advantages in the families of the Faculty.

The Dormitory contains twenty double rooms, each designed to accommodate two students. They are heated with steam, and are furnished with ample and substantial furniture.

The management of the Dormitory is under a special committee of the Board of Trustees, who, with the aid of a matron and other suitable help, provide good boarding in quantity, quality and variety, *at rates as near to actual cost as can be ascertained.*

### GOVERNMENT.

Students are expected to deport themselves as gentlemen, and to conform to the prescribed rules of government. Diligence in the hours designated for study is required. Abundant facilities for wholesome exercise and recreation are given. No student is permitted to waste his time and money in habits of indolence and prodigality.

All students are permitted to visit either city once each week, provided their visits are not during hours of recitation, nor on the Lord's day. All other visits, and going to, or returning from, the cities on the Lord's day, must be by special permission.

*SPECIAL REGULATION. The use of tobacco is discouraged, and is prohibited in, and about, the College buildings.*

### RELIGIOUS SERVICES.

Devotional services begin the college work of each day, at which all the students are required to be present.

Public worship is held every Sabbath morning in the College Chapel, followed by a Bible Lesson in classes, attendance upon which is expected from all of the students except those boarding at home, and those excused by written request of parents or guardians to worship elsewhere.

An active and flourishing organization of the College Y. M. C. A. has been organized, and has proved to be an agency of great spiritual power among the students. Its meetings are held every Sabbath evening; and the College Prayer Meeting is held every Wednesday evening, to both of which all are invited.

### LITERARY SOCIETIES.

Three Literary Societies are in successful operation. These are the *Hyperion*, the *Academian* and the *Parthenon*. The *Hyperion* is for the College classes whose students are required to unite with it for improvement in literary exercises. The other societies are for Preparatory students, and it is expected that they will become connected with them, and faithfully improve the advantages they afford.

## LIBRARY.

During the past year about 1,500 volumes in art, science and literature were added to the library, making the aggregate number of volumes about 2,000. Valuable additions will be made to these as rapidly as possible. For the increase of the library, contributions in books and money are solicited. "Each person giving five hundred or more books shall have his name attached to one of the alcoves."

The Hon. Henry L. Moss, of St. Paul, Minn., proposes to erect a Library Hall during the summer, and to have it ready for use at the beginning of the Third year, September 13, 1887. The plan of this building provides abundant room for alcoves, a general reading room, a cloak room, and a private room for the Librarian. Daily and weekly newspapers, monthly and quarterly magazines, in addition to the volumes in the alcoves, will furnish excellent facilities for general reading and special investigation.

## TEXT-BOOKS.

Arrangements are made whereby text-books and stationery are furnished to students at reduced rates.

## EXAMINATIONS.

Written examinations are held at the close of each term, and the class standing of each student is fixed according to his grades in the branches studied. A record is kept of each student's grades in scholarship and deportment, a copy of which is sent to his parents or guardian.

## DEGREES.

Graduates from either of the Collegiate Courses receive the Degree of A. B.

## EXPENSES.

Boarding in the Dormitory is *three dollars per week*.

Room in the Dormitory furnished with bedsteads, wire beds, mattresses, pillows, bureau, washstand, table, chairs, bookcase, heat and light, *fifty cents per week* per student. Washing in the laundry, 50 cents per dozen pieces.

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

Boarding in private families from four to four and one-half dollars per week.

RATES OF TUITION.—All candidates for the ministry have tuition provided for them.

Tuition in the Preparatory Course.....	\$10 per term.
Incidental fee " " .....	3 " "
Tuition in the Collegiate " " .....	15 " "
Incidental fee " " .....	3 " "



## SUMMARY OF EXPENSES.

First Term, 14 weeks, Preparatory Department, Washing estimated at \$7,	Term
Second Term 12 " " " " " " " 6,	\$69
Third Term 10 " " " " " " " 5,	61
	53
For the Preparatory year.....	\$183
First Term, 14 weeks, Collegiate Department, Washing estimated at \$7,	Term.
Second Term, 12 " " " " " " " 6,	\$74
Third Term, 10 " " " " " " " 5,	66
	58
For Collegiate year.....	\$198

Tuition and incidental fees to be paid in advance. Board and washing to be paid weekly. No extra charges, except for breakage of working material in the Laboratory, for damage done to the furniture or to the building, for tutoring in preparation for regular class standing, and for special services in cases of sickness as heretofore specified.

## CALENDAR.

1886.—September 13, Tuesday, Entrance Examinations.

September 14, Wednesday, Fall Term begins.

December 21, Wednesday, Fall Term ends.

TWO WEEKS OF VACATION.

1887.—January 4, Wednesday, Winter Term begins.

March 28, Wednesday, Winter Term ends.

ONE WEEK OF VACATION.

April 4, Wednesday, Spring Term begins.

June 12, Tuesday, Class and Literary exercises.

June 13, Wednesday, Annual Commencement.

THIRTEEN WEEKS OF VACATION.

For Catalogue and other information, address the President at Macalester, Minnesota.

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





