

*Office Copy
Registrar*

**Macalester
College
Bulletin**

1919

**Catalog Number
April, 1919**

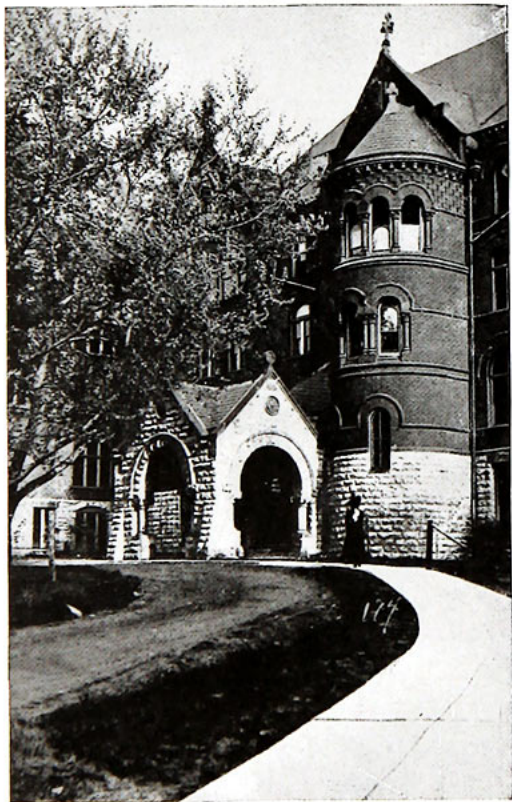
Volume VII

Number 3

1850



CIRCULATING COPY



ENTRANCE TO MAIN BUILDING

Catalog

Macalester College



1918 - 1919

Accredited by the North Central Association of Colleges
and Secondary Schools.

Macalester College uses in its official publications a number of the
reformed spellings recommended by the Simplified Spelling
Board and now authorized by standard dictionaries.

SAINT PAUL, MINNESOTA

Entered April 29, 1905, at Saint Paul, Minn., as second class
matter under Act of Congress July 16, 1894.

Issued Quarterly in October, January, April and June.

College Calendar

1919-1920

1919

- June 6. Friday, 8:30 p. m., Recital, Conservatory of Music.
June 7. Saturday, 8:15 p. m., Senior Class Play.
June 8. Sunday, 10:30 a. m., Baccalaureate Sermon.
June 8. Sunday, 8:00 p. m., Christian Associations' Service.
June 9. Monday, 11:00 a. m., Extemporaneous Speaking Contest.
June 9. Monday, 8:15 p. m., Senior Class Play.
June 10. Tuesday, 11:00 a. m., Class Day Exercises.
June 10. Tuesday, 1:30 p. m., Annual Meeting of Board of Trustees.
June 10. Tuesday, 2:30 p. m., Faculty-Alumni Baseball Game.
June 10. Tuesday, 6:30 p. m., Alumni Banquet.
June 11. Wednesday, 10:00 a. m., Thirtieth Annual Commencement.
June 11. Wednesday, 1:30 p. m., College Luncheon.
June 11. Wednesday, 8:30 p. m., President's Reception.
Sept. 22-24. Monday-Wednesday, Registration Days.
Sept. 24. Wednesday, 10:30 a. m., First Semester begins.
Nov. 27. Thursday, Thanksgiving.
Dec. 19. Friday, 4:20 p. m., Christmas Vacation begins.

1920

- Jan. 6. Tuesday, 8:00 a. m., Christmas Vacation ends.
Feb. 2-6. Monday-Friday, First Semester Examinations and Second Semester Registration.
Feb. 9. Monday, 8:00 a. m., Second Semester begins.
Feb. 12. Thursday, Lincoln's Birthday.
April 1. Thursday, 4:20 p. m., Spring Vacation begins.
April 8. Thursday, 8:00 a. m., Spring Vacation ends.
June 7-12. Monday-Saturday, Second Semester Examinations.
June 16. Wednesday, Second Semester ends.

Administrative Officers

Address correspondence as follows:

ELMER ALLEN BESS, President.
Information, General Business.

RICHARD U. JONES, Dean.
Curriculum, Student Activities and College Policies.

MRS. CHARLES W. WILLIAMS,
Dean of Women.

JOHN P. HALL, Registrar.
Catalog, Grades, Credits, Entrance Requirements.

HARRY PHILLIPS, Director Conservatory of Music.
Catalog, Tuition, Entrance.

ALICE M. CLOUGH, House Director of Wallace Hall.

H. S. ALEXANDER, Purchasing Secretary.

BISHOP H. SCHRIBER, Secretary and Attorney.
Records, Taxes, Litigation, Release of Mortgage.
Pioneer Building, St. Paul.

RUFUS C. JEFFERSON, Chairman Finance Committee.
Endowment Investments.
Merchants National Bank Building, St. Paul.

JOHN R. MITCHELL, Treasurer.
Capital National Bank, St. Paul.

Board of Trustees

Officers of the Board

ANGUS McLEOD	President
R. C. JEFFERSON.....	First Vice-President
G. D. DAYTON.....	Second Vice-President
B. H. SCHRIBER.....	Secretary
JOHN R. MITCHELL.....	Treasurer

Trustees

TERMS EXPIRE JUNE, 1919

B. H. SCHRIBER.....	St. Paul
R. C. JEFFERSON.....	St. Paul
GEORGE W. WISHARD.....	Minneapolis
GEORGE D. DAYTON.....	Minneapolis

TERMS EXPIRE JUNE, 1920

W. J. McCABE.....	Duluth
THOMAS B. JANNEY.....	Minneapolis
JOHN S. McLAIN.....	Minneapolis
B. O. CHAPMAN.....	St. Paul
ANGUS McLEOD.....	St. Paul
REV. MURDOCH McLEOD.....	Minneapolis

TERMS EXPIRE JUNE, 1921

REV. H. C. SWEARINGEN, D. D.....	St. Paul
E. B. KIRK.....	St. Paul
REV. JOHN E. BUSHNELL, D. D.....	Minneapolis
WATSON P. DAVIDSON.....	St. Paul
P. L. HOWE.....	Minneapolis
JOHN R. MITCHELL.....	St. Paul

Committees of the Board

Executive Committee

ANGUS McLEOD, Chairman	E. B. KIRK
B. H. SCHRIBER, Secretary	R. C. JEFFERSON
T. B. JANNEY	H. C. SWEARINGEN
GEORGE D. DAYTON	E. A. BESS
	B. O. CHAPMAN

Committee on Endowment

GEORGE D. DAYTON	H. C. SWEARINGEN
E. A. BESS	ANGUS McLEOD
R. C. JEFFERSON	G. W. WISHARD

Committee on Instruction

J. S. McLAIN	JOHN E. BUSHNELL
MURDOCH McLEOD	G. W. WISHARD
	B. O. CHAPMAN

Committee on Property

R. C. JEFFERSON	E. B. KIRK	ANGUS McLEOD
-----------------	------------	--------------

Finance Committee

R. C. JEFFERSON	B. O. CHAPMAN	E. B. KIRK
T. B. JANNEY	B. H. SCHRIBER	JOHN R. MITCHELL

Committee on Commencement

H. C. SWEARINGEN	B. H. SCHRIBER	E. A. BESS
------------------	----------------	------------

College Faculty

ELMER ALLEN BESS, D. D., President.
Professor of Vocation

Residence, 233 Macalester Avenue. N. W. Midway 6413.

JAMES WALLACE, Ph. D.,
Professor of Bible. Head Professor of Bible Training
Department.

On the Frederick Weyerhaeuser Foundation.

Residence, 68 South Snelling Avenue. N. W. Midway 2178.

ANDREW WORK ANDERSON, A. M.,
Professor of Philosophy and Education.
On the O. A. Robertson Foundation.

Residence, 1628 Laurel Avenue. N. W. Midway 375.

DAVID NEWTON KINGERY, A. M.,
Professor of Mathematics and Astronomy.
Residence, 1722 Summit Avenue.

JULIA MacFARLANE JOHNSON, A. M.,
Professor of English Literature and Old English.
Residence, 63 Macalester Avenue. N. W. Midway 7689.

HENRY DANIEL FUNK, A. M.,
Professor of History.
Residence, 195 Macalester Avenue. N. W. Midway 2129.

RICHARD URIAH JONES, A. M., Dean.
Professor of Chemistry.
Residence, 211 Amherst Street. N. W. Midway 1881.

HUGH STUART ALEXANDER, A. M.,
Professor of Physics and Geology.
Residence, 1710 Portland Avenue. N. W. Midway 1080.

JOHN PORTER HALL, A. B., Registrar,
Professor of Greek.
Residence, 1668 Princeton Avenue. N. W. Midway 3735.

GEORGE WILLIAM DAVIS, Ph. D., D. D.,
Professor of Social and Political Science.
Residence, 2268 Blake Avenue. N. W. Midway 1152.

GLENN CLARK, A. M.,
Professor of English.
Residence, 1787 Goodrich Avenue. N. W. Midway 1620.

F. W. KRACHER, Ph. D.,
Head of Department of Modern Languages.
Professor of French.
Absent on leave.

CAPTAIN EVERETT E. BROWN, U. S. A.,
Commandant.
Professor of Military Science and Tactics.
Residence, 1902 Lincoln Avenue.

FREDERIC GIBBS AXTELL, A. M.,
Librarian. Associate Professor of Bibliography.
Residence, 1270 Lincoln Avenue. N. W. Midway 1366.

LUCIUS ROGERS SHERO, A. M., Secretary.
Associate Professor of Latin.
Residence, 1797 Grand Avenue. N. W. Midway 6970.

DANIEL FREDERICK PASMORE, Ph. D.,
Acting Head of the Department of Modern Languages.
Associate Professor of French.
Residence, 117 Cambridge Avenue. N. W. Midway 1793.

GRACE BEE WHITRIDGE,
Adjunct Professor of Dramatic Art and English. Physical Director
for Women.
Residence, 654 Hague Avenue. N. W. Dale 301.

FARQUHAR DAVID McRAE, Ph. D., D. D.,
Adjunct Professor of Apologetics and History.
Residence, 1596 Summit Avenue. N. W. Midway 537.

MRS. CHARLES W. WILLIAMS, Dean of Women.
Adjunct Professor of Bible.
Residence, 1632 Summit Avenue. N. W. Midway 1087.

HALLIE CHALFANT, A. M.,
Adjunct Professor of German and Spanish.
Residence, 1636 Hague Avenue. N. W. Midway 6885.

EMMA CAUGHEY BESS,
Adjunct Professor of Vocation.
Residence, 233 Macalester Avenue. N. W. Midway 6413.

ETHELWYN ANNETTE HOPKINS, B. S.,
Adjunct Professor of Biology.
Residence, 1663 St. Clair Street. N. W. Midway 4365.

JOHN THOMPSON McCALLUM, A. B.,
Adjunct Professor of Physical Education.
Residence, 1715 Dayton Avenue.

SARAH ELIZABETH MacKNIGHT, A. B.,
Secretary to the President and Registrar.
Residence, 355 St. Anthony Avenue. N. W. Dale 6092.

Committees of the Faculty

Rules and Discipline

R. U. JONES	MRS. CHAS. W. WILLIAMS
A. W. ANDERSON	JULIA M. JOHNSON

Curriculum

R. U. JONES	G. W. DAVIS	A. W. ANDERSON
H. D. FUNK	L. R. SHERO	D. F. PASMORE

Library

F. G. AXTELL	JAMES WALLACE	A. W. ANDERSON
JULIA M. JOHNSON	H. S. ALEXANDER	L. R. SHERO

Catalog

J. P. HALL	A. W. ANDERSON	D. N. KINGERY
------------	----------------	---------------

Program

A. W. ANDERSON	F. D. McRAE
----------------	-------------

Matriculation and Evaluation of Credits

J. P. HALL	R. U. JONES
------------	-------------

Religious Life and Activities

H. D. FUNK	F. D. McRAE	MRS. CHAS. W. WILLIAMS
JAMES WALLACE	G. W. DAVIS	JULIA M. JOHNSON

Buildings and Grounds

GRACE B. WHITRIDGE	D. N. KINGERY	H. S. ALEXANDER
--------------------	---------------	-----------------

Scholarship Society

A. W. ANDERSON	ETHELWYN HOPKINS	GLENN CLARK
----------------	------------------	-------------

Student Courses

R. U. JONES	MRS. CHAS. W. WILLIAMS
-------------	------------------------

Social Affairs

MRS. CHAS. W. WILLIAMS	L. R. SHERO	GRACE B. WHITRIDGE
D. F. PASMORE	F. D. McRAE	HALLIE CHALFANT

Athletics

E. W. JOHNSON

J. P. HALL

Student Publications and Forensics

GLENN CLARK

D. N. KINGERY

L. R. SHERO

GRACE B. WHITRIDGE

J. P. HALL, Acting Chairman

Vocational Bureau

H. D. FUNK

HALLIE CHALFANT

MRS. BESS

J. P. HALL

Graduate Work, Alumni and Ex-Students

H. S. ALEXANDER

G. W. DAVIS

JULIA M. JOHNSON

J. P. HALL

HALLIE CHALFANT

Publicity

GLENN CLARK

G. W. DAVIS, Acting Chairman

J. P. HALL

F. D. MCRAE

ETHELWYN HOPKINS

Commencement Exercises and Honorary Degrees

JAMES WALLACE

F. G. AXTELL

G. W. DAVIS

GRACE B. WHITRIDGE

Nominating Committee

G. W. DAVIS

A. W. ANDERSON

R. U. JONES

H. D. FUNK

D. N. KINGERY

The President of the College is ex-officio a member of each faculty committee.

In Memory of
Professor Thomas Shaw

BORN
January 3, 1843

DIED
June 25, 1918

Trustee of The College
1898 - 1918

President of Board of Trustees
1901 - 1918

*Blessed are the dead who die in the
Lord . . . that they may rest from their
labors; for their works do follow them.*

Macalester in Government War Service Alumni, former students and undergraduates.

- Clark Albin Abrahamson, '15, Ordnance.
Wylie Gustave Akenson, '17, Sgt. Air Service.
Carrie Ellen Alvord, '14, Interpreter.
William Dewey Amundson, '19, Navy.
Alric Anderson, '20, Ordnance.
Julian Francis Anderson, '19, 2nd Lieut. Marine Corps.
Oscar P. Anderson, ex-'17, Engineers.
Reuben M. Anderson, ex-'19, Infantry.
Richard Harlow Anderson, '14, 1st Lieut. Infantry.
Theodore E. Anderson, Acad. '13, Navy.
Donald Leslie Augustine, '18, Sanitary Corps.
Walter L. Backer, ex-'19, Medical Corps.
Marion Azella Backus, ex-'13, Red Cross Nurse.
Horace Parker Bagley, '21, Sgt. Engineers.
Albert Christopher Barbo, ex-'18, Aviation.
George W. Barbo, Acad. '13, Sgt. Infantry.
Robert Pilling Bayard, ex-'17, Corp. Engineers.
John Lennart Beck, '19, Air Service.
Leo Emil Beck, '19, Air Service.
Remsen Marsh Bell, ex-'13, Navy.
Albert A. Beltmann, ex-'20, Sgt. Marine Corps.
Enoch Newman Bengtson, '13, Engineers.
Willis Bergen, '19, Corp. Infantry.
Henry Roy Bitzing, '01, Major, Army.
Henry J. Bloedel, '20, Aviation.
Harry Townsend Boyd, ex-'17, Sgt. Engineers.
Leonard Bedient Brabec, '18, Corp. Chemical Warfare.
Hermann Louis Brandt, ex-'19, Artillery.
Adalbert Ferdinand Bremicker, ex-'16, Lt. Artillery.
Paul Benjamin Bremicker, '15, Machine Gun.
James Brinks, '11, Infantry.
Allan Hill Brown, '11, Chaplain.
Leslie Willis Brown, '20, Ambulance.
Gordon Lyman Brownlee, '16, Air Service.
Percy Porter Brush, '01, Y. M. C. A.
Charles S. Bryan, '19, Navy.
Alvin C. Busse, '20, Marine Corps.

- Theodore Arzt Butzin, '19, Infantry.
William Lloyd Caldwell, ex-'16, Aviation.
John Shiells Campbell, '13, 1st Lieut. Infantry.
Homer Clyde Cardle, '11, Infantry.
Orville Clifton Cardle, '12, Infantry.
John E. Cecil, ex-'19, Engineers.
Carroll Clayton Chase, Acad. '13, Navy.
Henry W. Chase, ex-'17, Inspector Material.
**Howard Edward Clark, '14, 2nd Lieut. Aviation.
Myron A. Clark, '90, Y. M. C. A. British E. F., Portugal.
Joseph Wilson Cochran, '99, Chaplain.
George Rowland Collins, '16, Editor Govt. Service.
Orin Montgomery Corey, '20, Marine Corps.
Walter Leon Corey, '20, Ambulance.
Gerald Curtis Dale, ex-'15, 1st Lieut. Infantry.
Ernest Oscar Daley, '21, Aviation.
Walfred Danielson, '18, Engineers.
Solomon David David, '13, Capt. Medical Corps.
Starr Coit Denniston, '21, Army.
Herbert Emil Dierenfield, '17, Navy.
Robert McIntyre Douglass, '20, Infantry.
Albert S. Drew, Acad. ex-'11, Naval Aviation.
Paul Henry Dunnavan, ex-'17, Ambulance.
Raymond Duus, ex-'20, Air Service.
Conrad Laurence Ecklund, ex-'18, Medical.
Fred I. Eglin, Major Aviation.
Donald Cornish Elder, ex-'17, Lieut. Infantry.
George William Ellis, ex-'17, Medical Corps.
Charles K. Elmer, Acad. '09, 2nd Lieut. Engineers.
John Kenneth Erickson, '18, Naval Aviation.
Harlie C. Evans, ex-'19, Infantry.
John Andrew Evert, '10, Lieut. Medical Corps.
James Alfred Ferguson, ex-'17, Engineers.
Carnaby Willis Ferry, Acad. ex-'07, Lieut. Infantry.
Ebenezer Thomas Ferry, '03, Capt. Artillery.
John Louis Ferry, '18, Canadian Army.
Elmer Morton Finck, '20, Navy.
Marshall Gregory Findley, '07, Coast Defense.
Morris Finstad, '20, Navy.
Charles George Gordon Fisher, Acad. ex-'14, Sgt. Infantry.
Harvey Robert Flichr, '20, Navy.

- Charles Augustine Flinn, '19, Engineers.
Thomas Edwin Flinn, '05, Capt. Medical Corps.
Roy Gardner Foote, Acad. ex-'12, Aviation.
Emanuel Ossian Franklin, '17, Infantry.
James Wentworth Freeman, Acad. '14, 2nd Lieut. Army
George F. Freeman, Acad. '10, Ensign Navy.
Victor Karl Funk, '20, Naval Hospital Corps.
Robert Francis Gale, '20, Navy.
James Alex Garrow, '20, Motor Corps.
Charles Gerlinger, '17, 2nd Lieut. Balloon Service.
Horace Napoleon Gibson, ex-'18, Infantry.
Wallace Graydon Gibson, '17, 1st Lieut. Marine Corps.
Raymond K. Gooch, Acad. ex-'15, Balloon Corps.
Ray James Goodwin, ex-'20, 1st Lieut. Infantry.
**Ralph Daniel Gracie, ex-'18, 2nd Lieut. Aviation.
Ingvar Graff, ex-'19, Quartermaster's Dep't
Clarence Oscar Graue, '12, Infantry.
Lloyd W. Green, ex-'16, 1st Lieut. Infantry.
Paul Bennett Greig, ex-'18, Ensign Navy.
Ralph Everett Greig, '18, Sgt. Marine Corps.
Roy Alfred Greig, '18, Sgt. Marine Corps.
*G. David Gustafson, ex-'14, Infantry.
*Vergil Homer Guthrie, '16, Sgt. Ammunition Train.
Earle Allen Hadley, Acad. ex-'17, Engineers.
Marshall Hugh Haines, '21, Navy.
Jesse Collins Hales, '18, Sgt. Medical.
Wallace Sumner Hall, '19, 2nd Lieut. Infantry.
Donald Littlejohn Halverson, Sgt. Major Motor Transport.
Luther Barwise Harrison, Acad. ex-'13, Medical.
Willis Blackford Hazleton, '20, Warrant Officer, Navy.
Bayard William Heed, '11, 2nd Lieut. Coast Artillery.
Victor Arnold Heed, '18, Infantry.
Berthold August Hensel, ex-'20, Aviation.
Eugene H. Hicks, '21, Infantry.
Guy Lewis Hill, '20, Corp. Marine Corps.
James Kydd Hilyard, '18, Sgt. Major Infantry.
Charles Himmler, '20, Army.
Walter Hobe, ex-'21, 2nd Lieut. Tank Service.
Harold Hocum, ex-'17, 1st Lieut. Navy.
Stanley Hurlbut Hodgman, '10, Capt. Engineers.
William Henry Wallace Holley, '13, 1st Lieut. Navy.

- LeRoy C. Holm, '19, Navy.
Frank Orville Holmes, '18, Army.
Burton Patriquine Holt, '14, Lieut. Chaplain.
George Percy Hough, ex-'18, 2nd Lieut. Machine Guns.
William Andrew Howard, ex-'18, Navy.
Conrad Hubert, '20, Marine Corps.
Howard Neff Huelster, '16, Engineers.
Lewis A. Hughes, '18, Sgt. Medical Corps.
Harold Hullsiek, ex-'14, 1st Lieut. Medical Corps.
Richard D. Hullsiek, '20, Corp. Medical.
Arthur Billings Hunt, '11, Hospital Corps.
Vincent Raymond Hunt, '16, Naval Aviation.
Floyd D. Hynes, ex-'16, Army.
Herold Warren Isker, ex-'19, 2nd Lieut. Infantry.
Rohland Andrew Isker, ex-'17, 1st Lieut. Cavalry.
Emil Henry Jensen, ex-'16, Navy.
George Arthur Jensen, '19, 2nd Lieut. Infantry.
Ralston Jerrard, ex-'17, Sgt. Major Infantry.
Victor Engelbert Johnson, ex-'19, Infantry.
W. Edward Johnson, '19, Navy.
Robert Earl Jones, Acad. ex-'15, Infantry.
Martin Louis Kahner, ex-'18, Ensign Navy.
William Watson Kane, ex-'16, Infantry.
Gordon Lewis Keeley, '16, Engineers.
Christopher Leo Kenny, '16, Aviation.
Fred Joseph Kenny, '16, Gas Defense.
Carl William Knapp, Medical Corps.
Adolph Kongelf, '18, Corp. Engineers.
Albrecht J. Koppes, ex-'18, Marine Corps.
William Henry Lagas, ex-'18, Infantry.
Robert Laird, '19, 1st Lieut. Infantry.
Raymond Horace Landon, '19, Infantry.
Thomas D. Lane, ex-'00, Sgt. Marine Corps.
Herbert William Larseen, '19, Naval Aviation.
Robert Clarence Larson, '20, Medical Corps.
Robert George Larson, '20, Ambulance.
Samuel Fahnastock Lawler, ex-'13, 1st Lieut. Infantry.
Carl R. Leaf, ex-'17, Artillery.
Jack Blythin LeClaire, ex-'17, Ambulance.
William H. Lee, '19, Sgt. Quartermasters' Corps.
William Paul Lee, ex-'19, Lieut. Infantry.

- Therian Cecil Lemon, Acad. ex-'14, Navy.
Lawrence Joseph Leonard, '20, 1st Lieut. Medical Corps.
Mildred Leven, '20, Ordnance Dept.
John Arthur Lewis, '17, Chemistry Warfare.
Hadley Henry Lidstrom, '19, Capt. Reconstruction, France.
James D. Lightfoot, '20, Sgt. Infantry.
Raymond Lilley, '20, Navy.
Robert Dean Lindgren, '20, Marine Corps.
David Nathaniel Ling, '16, Aviation.
Harold Long, ex-'18, Infantry.
Lauron Harmon Lovelace, '19, Lieut. Naval Aviation.
Thomas Seward Lovering, ex-'17, Navy.
**Edward Frithiof Lundholm, ex-'21, Medical.
William Southwell McAllister, '20, Marine Corps.
Edward Everett McCabe, '14, Aviation.
John Thompson McCallum, '16, Aviation.
Robert Lee McCornack, Acad. '09, Capt. Medical Corps.
Lawrence Hodgman McCoy, '21, Infantry.
John Reece McGee, Acad. '07, Corp. Ordnance Dept.
Andrew McGinley, Acad. ex-'15, Sgt. Engineers.
Kidwell Ritenour MacKnight, ex-'16, Engineers.
William Gordon McLean, '19, Sgt. Ambulance.
Glen Nyren McNaughton, '18, Navy.
Howard Hope McNiven, '18, Corp. Tank Service.
Wendell Scott McRae, ex-'18, 1st Lieut. Marine Corps.
Oscar Albrin Mabusth, ex-'18, Lieut. Aviation.
John W. Maddex, '20, Sgt. Quartermasters' Corps.
Luke Edward Marvin, '08, Y. M. C. A.
Sidney G. Mason, '19, Ambulance (Croix de Guerre).
Paul Matson, ex-'18, Infantry.
Harold James Matteson, ex-'15, Infantry.
Clifford Harvey Medcalf, '20, Navy.
Gregory Medcalf, ex-'18, Y. M. C. A.
Erwin Herbert Metag, '16, Aviation.
Charles Burdick Mills, Jr., ex-'18, 2nd Lieut. Quartermaster.
William Morell, ex-'19, Navy.
Arnold Milton Negaard, ex-'19, 2nd Lieut. Infantry.
Joseph Robert Neller, '13, Corp. Signal Corps.
Arthur Emanuel Nelson, ex-'14, Coast Artillery.
Carl Oscar Nelson, ex-'16, Corp. Engineers.
Hubert Gordon Nelson, ex-'19, 2nd Lieut. Aviation.

- Aziz Nofel, Acad. ex-'16, Sgt. Infantry.
James George Novack, '20, Infantry.
Grace Noyes, Acad. '15, Army Nurse.
Norman E. Nygaard, '19, Sgt. Ambulance.
David Nathaniel Nyquist, '19, Corp. Infantry.
Irwin Milton Olsen, ex-'19, Infantry.
Harold A. Overholt, ex-'19, Sgt. Infantry.
Amos David Owen, '19, Marine Corps.
Charles Curtis Parsons, ex-'17, Sgt. Infantry.
John Alexander Patterson, '18, Signal Corps.
William Cameron Patterson, '21, Naval Medical.
William Shepherd Pattenon, ex-'13, 1st Lieut. Infantry.
Lloyd Peabody, '20, Navy.
William Conkey Phillips, '13, 2nd Lieut. Artillery.
Chauncey Van Bergen Pierpont, ex-'19, Infantry.
Llewellyn Demi Porter, ex-'15, Navy.
Madge Porter, '15, Government Service in Washington.
Orson Bates Powers, ex-'15, Tank Service.
John Pringle, Lt. Col. British Army, Chaplain (Canadian).
**John Percy Pringle, ex-'08, 2nd Lieut. Canadian Troops.
Earl DeWitt Prudden, ex-'17, 2nd Lieut. Motor Transport.
Richard Fillmore Pulver, '20, Navy.
Carlton Edmund Ralph, ex-'17, Sgt. Artillery.
Karl Raymond, Acad. ex-'10, Infantry.
Harold Percy Roberts, '14, Infantry.
Stanley Hall Roberts, '08, Chaplain Engineers.
Alexander Whyte Robertson, '19, Sgt. Marine Corps.
Allen John Robertson, '17, Capt. Infantry.
Allen A. Rock, '20, Navy.
Roy Anthony Ronan, '20, Infantry.
**Irving John Roth, '17, 2nd Lieut. Aviation.
Ned Bing Rundell, '21, Corp. Marine Corps.
Plato Earl Sargent, '15, Lieut. Artillery.
Russell W. Sayre, ex-'18, 2nd Lieut. Infantry.
Erich Schwandt, '21, 2nd Lieut. Artillery.
Lyle Gensell Scott, ex-'20, Signal Corps.
William Ellison Scott, '12, 1st Lieut. Infantry.
Earl Angus Seely, ex-'19, Navy.
John Lyman Sheean, '16, Medical Corps.
William John Shogren, '20, Navy.
Harry Stone Slater, '19, Ensign Navy.
Forest C. Smithson, Sgt. Motor Corps.
Harry Wallace Stearns, ex-'19, Ensign Navy.
Henry A. Stock, ex-'12, Medical Corps.
Frank William Street, ex-'14, Chaplain Infantry.
John Stuhr, ex-'14, 1st Lieut. Naval Medical Corps.

- Milton Francis Sturtevant, '19, Sgt. Marine Corps.
 Arnold John Swanson, Acad. ex-'14, Aviation.
 Allyn Casper Taylor, ex-'19, Motor Transport.
 Fremont David Taylor, '17, Artillery.
 George Arthur Taylor, '19, Sgt. Marine Corps.
 Smith Taylor, ex-'15, 2nd. Lieut. Infantry.
 Wallace B. Taylor, ex-'18, Infantry.
 R. W. Thacker, Y. M. C. A.
 Charles Albert Thomas, '14, 2nd Lieut. Signal Corps.
 James Russell Thomas, ex-'14, Capt. Naval Medical.
 Daniel S. Thomassian, ex-'15, Bugler Motor Ambulance.
 David A. Thompson, '00, Y. M. C. A.
 *Shirley Pierpont Thompson, ex-'18, Infantry.
 Chester M. Tobin, '20, 2nd Lieut. Infantry.
 Rolf Tonneson, '21, Naval Hospital.
 Bristol Albert Tormey, ex-'21, Artillery.
 Elmer Trolander, '14, Chemical Warfare.
 Thomas Douglas Turnbull, '19, Engineers.
 Ralph Downs Tyler, ex-'19, Sgt. Bakery Co.
 Paul R. Updyke, '19, Marine Corps.
 Clarence J. Vokoun, ex-'15, 2nd Lieut. Sanitary Corps.
 Thomas Edward Waddelow, '19, Infantry.
 **Fred C. Wagner, ex-'18, Marine Corps.
 William Liston Walker, '16, Medical.
 William Roy DeWitt Wallace, ex-'11, Sgt. Infantry.
 David Percy Wasgatt, ex-'19, Hospital Corps.
 J. Adams Wasgatt, '20, 2nd Lieut. Marine Corps.
 Fred Augustus Waterous, Acad. ex-'15, 1st. Lieut. Signal
 Corps.
 Charles M. Wenzel, '19, Corp. Infantry.
 Ada Elmira White, ex-'13, Army Nurse.
 Arthur Louis Whiton, ex-'18, 1st Lieut. Aviation.
 Irving Howard Williams, '16, Infantry.
 Trevor G. Williams, ex-'15, Capt. Aviation.
 Bert Benjamin Willmert, '15, Chemical Warfare Service.
 Clarence Charles Willmert, '17, 1st Lieut. Artillery.
 Harry Willmert, '13, Infantry.
 Ross Henry Willmert, ex-'16, Coast Artillery.
 Herbert E. Wilson, '21, Navy.
 Ralph Calvin Wilson, '12, 1st Lieut. Infantry.
 Clinton L. Winchester, ex-'19, Corp. Infantry.
 Alvin Pontius Wold, ex-'19, Ambulance Corps.
 George Fred Ziesemer, ex-'17, 1st Lieut. Aviation.
 Edward Henry Zimmerman, '21, Navy.

*Died in Service.

**Killed in Action.

General Information

Historical Sketch

Macalester College is the outgrowth of the Baldwin School of St. Paul, projected by Rev. Edward D. Neill, D. D., as far back as 1853; and of a similar institution opened in 1873 by the same gentleman in Minneapolis. In 1874 Charles Macalester, of Philadelphia, donated to this school the valuable property known as the Winslow House, near the Falls of St. Anthony, with the understanding that as soon as possible it should be developed into a college. In his honor the institution was named Macalester College. Until 1880 it was an undenominational school. In October of that year it was adopted by the Synod of the Presbyterian Church of Minnesota. In 1883 a syndicate of the trustees bought the present site and gave it to the Board of Trustees. The first building thereon was erected in 1884 and the college was opened September 15, 1885.

Rev. Dr. Neill, the founder of the college, was the first territorial superintendent of public instruction and the first chancellor of the State University. He is the author of Neill's History of Minnesota, and also of valuable monographs on colonial history. He died September 26, 1893.

From the beginning Macalester College was burdened with debt, and altho, under the leadership of President James Wallace and Rev. David C. Platter, financial secretary, this debt was considerably reduced, yet, on account of the hard times of the nineties, it had, by June, 1898, risen to \$180,000. With the energetic assistance of Robert A. Kirk, Thomas Shaw and Rufus C. Jefferson, the board was reorganized, the debt liquidated, and efforts for a permanent endowment begun. On July 1, 1911, the trustees certified that a total of \$467,000 had been given; that of this total \$307,000 was invested in endowment securities and \$160,000 in Wallace Hall and Carnegie Science Hall.

Macalester College celebrated its quarter centennial June, 1910, with impressive ceremonies. By direction of the Board of Trustees, and at the expense of the college, a History of Macalester College was published by Professor H. D. Funk.

The Trustees on June 9, 1914, completed a second endowment campaign for \$250,000. Payments of pledges were completed by July 1, 1916. The college resources now total \$970,000.

Presidents of Macalester College

- REV. EDWARD DUFFIELD NEILL,* D. D., 1873-1884.
 REV. THOMAS A. MCCURDY,* D. D., 1884-1890.
 REV. DAVID JAMES BURRELL, D. D., 1890-1891.
 REV. ADAM WEIR RINGLAND, D. D., 1892-1894.
 PROF. JAMES WALLACE, Ph. D.,
 Acting President, 1894-1900; President 1900-1906.
 PROF. THOMAS MOREY HODGMAN, M. A., LL. D., February,
 1907-1917.
 REV. ELMER ALLEN BESS, D. D., 1918—.

Form of Bequest

The corporate name of the institution is Trustees of Macalester College.

Legal Form of Bequest.—I give and bequeath to the Trustees of Macalester College of St. Paul, Minnesota, duly incorporated under the laws of Minnesota, the sum ofdollars.

Location

Macalester College is located in Macalester Park, St. Paul, a beautiful suburb in the so-called Midway district. The location is favorable for study, for the development of a pure and wholesome college life, and for careful supervision of the conduct of students. Easy access to the Twin Cities is afforded by the Grand Avenue and Snelling Avenue electric lines—the latter of which connects with all four interurban lines. This combination of college and city life is a unique advantage to Macalester students. The cultural opportunities which the public libraries, churches, lecture courses and musical entertainments of these cities offer, are important and react most beneficially upon both faculty and students.

Campus

The campus contains forty acres with a frontage of six hundred and sixty feet on Summit Avenue, a fine boulevard two hundred feet in width, which connects the Twin Cities. The College buildings, seven in number, are situated on the north half of the campus, while the ample athletic field, grove of oaks and ice skating rink occupy the southern half.

Buildings and Equipment

The Main Building is of brick, one hundred feet long and fifty feet wide, three stories high with basement, and contains class

*Deceased

rooms, society halls, men's gymnasium, library, auditorium and executive office. The building is heated by steam and provided with its own electric light plant.

The Carnegie Science Hall, the gift of Mr. Andrew Carnegie, is a three-story building with a full height basement. It is essentially fireproof, being constructed of reinforced concrete and brick. The exterior is of colonial brick with trimmings of Bedford limestone. The basement contains a wood shop and a metal shop for applied mechanics. The first floor is devoted to physics and mineralogy; the second to biology, mathematics and astronomy; and the third to chemistry. Electrical connections are provided in all of the lecture rooms for general demonstrations and lectures.

Museum.—In the Science Hall is the Museum, small at present, but growing. The Lewis Collection of Indian relics is rare and valuable, as is also the Educational Collection of marine invertebrates and fishes contributed by the Smithsonian Institution, Washington, D. C. Friends are invited to keep in mind the importance of a museum in educational work.

The Men's Dormitory is a three-story brick building, ninety feet long by thirty-eight feet wide. The second and third floors contain twenty double rooms designed to accommodate two students each. The building is heated by steam and lighted by electricity.

Wallace Hall, situated at the corner of Summit and Macalester Avenues, one block from the main campus, is the dormitory for women, accommodating eighty students. This is a thoroly modern fire-proof building, one of the finest dormitories to be found among the colleges of the United States. The building stands on high ground and the students' rooms are so arranged that each is sunny and airy. Besides the rooms for the young women, there are three large beautifully furnished parlors, a sunny dining room seating one hundred, a well appointed gymnasium in which all of the classes in physical training for the women of the entire college are held; and the music rooms, where the Conservatory of Music meets its students. The building is steam heated and electric lighted, has hot and cold water in every room, and is equipped with shower and tub bath facilities.

Nothing has been spared to make at Wallace Hall a congenial and refined environment for the comfort and development of young women.

Drawing of rooms by upper class women occurs in the spring and freshman rooms are assigned in the order of application.

The hall government is organized under the name of the Woman's Self-Government Association of Wallace Hall, which in conjunction with the Dean of Women regulates the life of the Hall, in conformity to the customs and ideals for which the policy of Macalester College calls.

Miss Alice M. Clough presides here as House Director, and the Dean of Women, Mrs. Charles W. Williams, has her residence at Wallace Hall.

Rice Hall, named in memory of Rev. Daniel Rice, D. D., a former professor and trustee, is a frame building facing the campus, used as a practice hall by the School of Music. It contains sixteen rooms, heated by steam and lighted by gas.

Heat, Light and Power Plant.—A central plant containing two boilers, an engine and a dynamo, supplies the Main Building, the Men's Dormitory and the Science Hall with steam heat, electric light and power.

Shaw Field.—Provision for the encouragement and development of outdoor athletics has been made by the construction of the Thomas Shaw Athletic Field. This contains four acres of the campus lying directly south of the main building and is enclosed by an iron fence. A quarter-mile track, twelve feet wide, with turns on a hundred-foot radius, is one of the important features of the field. This track is on a dead level and has a foundation of coarse cinders five inches deep, on top of which is a layer of fine surfacing cinders two inches deep. The part of the field enclosed by the track is laid out as a football and baseball field and also provides room for an outdoor basketball field. The whole area within the track is perfectly level and, with the exception of the diamond, is seeded down with a special mixture of lawn grass seed which will stand the rough usage athletic fields naturally receive.

The track in front of the bleachers has straight extensions at the corners which provide a straightaway track for all the short races, while just inside the curb the proper settings are provided for the pole vault, the running broad jump and the discus throw.

A community toboggan slide, at the south end of the field, was built and presented by residents of Macalester Park.

Shaw field, which was dedicated at the opening of the school year in 1909, was named in honor of Professor Thomas Shaw,

Former President of the Board of Trustees, on account of his interest and assistance in the athletics of the institution.

Library Privileges of Macalester Students

The Macalester College Library ranks first among the small colleges of the Twin Cities in number of volumes and historic value.

The St. Paul Public Library contains 140,000 volumes, for the most part recent publications or recent editions of older works. It is located within fifteen minutes street car ride on a direct line from Macalester College, and all of its privileges are open to Macalester students. Books are ordered at the request of the faculty and may be loaned to the college indefinitely upon request.

The J. J. Hill Reference Library, just opened, is located in the same square as the Public Library. This Library will in time be the greatest reference library in the Northwest.

The Minnesota Historical Society Library has about 125,000 books and pamphlets dealing with American local history. It contains a complete collection of works pertaining to Minnesota state history, extensive collections relating to the history of the Northwest and Canada, a genealogical collection which is believed to be the largest in the West, and everything available relating to the Scandinavian elements in America. This library is located opposite the State Capitol.

Other libraries, to which students have access, are the Minneapolis Public Library which specializes in English local history and art, the State Law Library, the Board of Control, Tax Commission and Labor Commission.

Library

The Edward D. Neill Library contains about 14,700 volumes. The working collection, about 10,000 volumes, is located on the third floor of the Main Building; less used books are on other floors. For greater security the Neill collection has been placed in the museum room in Science Hall; in this building also are department collections.

The Neill collection, consisting for the most part of books presented by Dr. Neill or acquired during his librarianship, contains Americana and some sixteenth and seventeenth century editions

in theology and the classics; there are fifteen hundred volumes and a valuable collection of autograph letters.

The Dewey system of classification is used.

For maintenance of the library there is set apart each semester two dollars and fifty cents of each tuition fee.

Henry L. Moss, a trustee of the college until his death in 1902, and his wife Amanda H. Moss, who died in 1910, bequeathed to the College property which has added about \$7,500 to the endowment and produces for the Library \$450.

The Library is open as follows: Monday to Friday, from eight until five o'clock; Saturday, from eight to twelve, and one-thirty to five o'clock; holidays, nine to twelve, and one-thirty to five o'clock.

Easily accessible for reference are the large collections of the St. Paul Public Library, the State Law Library and the Minnesota Historical Society Library. Circulation privileges in the first-named are enjoyed by Macalester students. The Minneapolis Public Library and the Library of the University of Minnesota are occasionally consulted.

The following periodicals are on file in the Library or in the department libraries:

- | | |
|--|---|
| Advocate of Peace. | Education. |
| American Economic Review. | Educational Review. |
| American Historical Review. | English Journal. |
| American Issue. | Etude. |
| American Journal of Sociology. | Expository Times. |
| American Mathematical Monthly. | Forum. |
| American Political Science Review. | Harper's Magazine. |
| Annals of the American Academy of
Political and Social Science. | Herald and Presbyter. |
| Association Men. | Hibbert Journal. |
| Atlantic Monthly. | History Teacher's Magazine. |
| Bellman. | Home Mission Monthly. |
| Bible Champion. | House Beautiful. |
| Bible Society Record. | Independent. |
| Biblical Review. | Industrial Arts Magazine. |
| Bookman. | International Review of Missions. |
| Bulletin of the Pan American Union. | Journal of American Chemical Society. |
| Century Magazine. | Journal of Geology. |
| Chemical Abstracts. | Journal of Industrial Chemistry. |
| Chemical and Metallurgical Engineer-
ing. | Journal of Political Economy. |
| Christian Endeavor World. | Literary Digest. |
| Classical Journal. | Living Age. |
| Classical Philology. | London, Edinburgh and Dublin Philo-
sophical Magazine. |
| Classical Weekly. | Minnesota History Bulletin. |
| Contemporary Review. | Missionary Review of the World. |
| Continent. | Mississippi Valley Historical Review. |
| Country Life in America. | Modern Language Journal. |
| Crisis. | Musican. |
| Current History Magazine. | Musical Quarterly. |
| Current Opinion. | Nation. |
| Dial. | National Geographic Magazine. |
| | New Era Magazine. |

- New Republic.
 North American Review.
 Outlook.
 Philippine Presbyterian.
 Physical Review.
 Political Science Quarterly.
 Popular Astronomy.
 Popular Mechanics.
 Proceedings of the Academy of Political Science in the City of New York.
 Progress.
 Protestant Review.
 Psychological Bulletin.
 Psychological Review.
 Publications of the Modern Language Association of America.
 Quarterly Journal of Economics.
 Range News.
 Reader's Guide to Periodical Literature.
- Record of Christian Work.
 Religious Education.
 Review of Reviews.
 St. Paul Pioneer Press.
 School and Society.
 School Review.
 Science.
 Scientific American.
 Scientific American Supplement.
 Scientific Monthly.
 Scribner's Magazine.
 Sunday School Times.
 Survey.
 Teachers College Record.
 Union Signal.
 Unpopular Review.
 Woman Citizen.
 Woman's Work.
 World's Work.
 Yale Alumni Weekly.
 Yale Review.

Administration

In the administration of the college, appeal is made to the self-respect and honor of the students. They are constantly encouraged to guard well their honor and that of the institution, and to maintain a wholesome esprit de corps.

Some regulations, however, are necessary, and when 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.

Parents and prospective students should note that no fraternities are permitted, no smoking on the campus or in any of the college buildings by faculty, employees or students and no dancing engaged in by both men and women at any college function. It is from no Puritanic attitude nor from any desire to be peculiar that the college makes these prohibitions. They are enforced rigidly because scholarship and the best interests of the student body are subserved thereby.

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

The dormitories are organized on the self-government plan under adequate faculty cooperation. A Student Council, composed

of student and faculty representatives, voices student opinion and cultivates student self-control.

Registration

Students are required to register by the beginning of each semester. In case of delay in registration beyond the registration days indicated in the college calendar, a fine of one dollar will be imposed for the first day and fifty cents for each subsequent day. No excuses will be granted for late registration. Students may register by mail on deposit of tuition fee.

No student is permitted to register after the fourth Monday of the semester.

Students registering later than the second Monday of the semester are required to secure permission from the heads of the departments in their respective courses.

The matter of excess registration is to be referred to the deans.

The student who has failed in more than half the work of the first semester, counted by hours, may not register for the second semester.

The prospective student will facilitate registration by procuring from the college an application blank on which his principal or superintendent should fill in the student's credits. This blank should be mailed by the proper school authority to the Registrar by the first of September.

Examinations and Reports

Examinations are held at the close of each semester. A record is kept of each student's grades, a copy of which is sent to the parent or guardian at the close of each semester.

Students who secure a passing mark in a course are graded as follows: A, B, C or D, which mean excellent, good, fair and poor, respectively. Students who do not reach a passing mark are graded as follows: Con, I or F. Con, meaning condition, implies that the student has failed in the final examination and that the deficiency may be removed by his passing in a second examination to be given later. I means that the mark is withheld by the instructor because the work required has not been completed. F means failure in term grade. In cases of failure, students may secure credit only by repeating the course entire.

For private and condition examinations a fee of fifty cents shall be paid for each examination to the Registrar, who shall thereupon issue a permit. Private examinations will be authorized by the faculty only, and for the most urgent reasons stated in writing.

Examinations for removal of conditions will be held on the second Monday after the first Wednesday of each semester at 2:20 p. m. Attendance upon these examinations is obligatory.

Degrees

Graduates of the College of Liberal Arts receive the degree of Bachelor of Arts. The degree of Bachelor of Music is granted to students who fulfill the requirements for such degree in the Conservatory of Music.

No student shall be entitled to graduate who shall not have been attending the college at least one year.

Fellowships

The Board of Trustees has offered a limited number of fellowships open to graduates of other approved colleges and carrying a yearly stipend of \$300. The holders are required to devote one-half of their time to assistance in the department offering the fellowship and the other half to graduate study in the University of Minnesota.

Prizes and Scholarships

Noyes Prize.—Mrs. D. R. Noyes has given \$2,000, the interest on which is used as prizes for student scholarship. Last year the senior prize was awarded to Esther Jerabek, the junior to Amy Le Vesconte and the sophomore to W. C. Thompson, Jr.

Stringer Prize.—In honor of the memory of Mr. E. C. Stringer, the college is able to offer an annual prize of twenty-five dollars, to be given to that student of the college, who, having not fewer than fourteen recitations a week, takes the first place in the preliminary oratorical contest, and represents the college in the state contest. Awarded last year to W. R. Nelson.

Debate Prize.—Mr. Walter L. Mayo, of St. Paul, offers a prize of thirty dollars, to be distributed to the six students who win positions on the state intercollegiate teams. The winners last year were L. G. Kennedy, A. L. Sacks, W. J. Shogren, and C. M. Tobin.

Macalester-Hamline Senior Prize in Oratory.—One hundred dollars in prizes is distributed among the winning contestants in an annual dual oratorical contest between the senior classes of Hamline and Macalester College. The first prize consists of fifty dollars, the second of twenty-five dollars and the third of ten dollars and three, of five dollars each.

Temperance Oratorical Prize.—Each year twenty-five dollars is given by The Board of Temperance to be divided in prizes of fifteen and ten dollars for the best orations on some phase of the temperance question.

Shaw Scholarship.—Given by Professor Thomas Shaw, of St. Paul, to the nominee of the Central Presbyterian Church, of St. Paul, yielding \$50 per annum. Awarded this year to Ethel Fletcher.

Silliman Scholarship.—Offered by Mr. H. B. Silliman, of Cohoes, N. Y., and yielding \$50 per annum. Awarded this year to J. M. Hargreaves.

Williams Brothers Scholarship.—Louis H. and Charles R. Williams, of Minneapolis, have given \$1,000, the income from which is for the aid of a student selected by the faculty. Held this year by Hulda Hanson.

Webb Scholarship.—Mr. E. A. Webb, deceased, gave \$1,000, the interest of which is to aid a candidate from the Central Presbyterian Church, St. Paul. Held this year by Florence Johnson.

Winona Scholarship.—The First Presbyterian Church has given \$1,000, the interest of which is to aid a candidate nominated by this church. Held this year by Helen W. McRae.

Biology Scholarship.—Dr. Archibald MacLaren, of St. Paul, contributes \$50 to aid a student in the department of biology, to be selected by the head of this department.

New England Scholarship.—The St. Paul Colony of New England women gives this year \$60 to a young woman of New England parentage. Held this year by Clara Robinson.

Scott Scholarship.—Mr. William H. Scott, of Philadelphia, gives \$60 for a scholarship awarded by the faculty. Held this year by Chester M. Tobin.

Paul Scholarship.—Mr. J. Rodman Paul, of Philadelphia, gives \$60 annually for a scholarship awarded by the faculty. Held this year by Margaret Johnson.

McLain Journalism Scholarship.—Mr. J. S. McLain offers a prize of \$50 for the encouragement of high class English work on the Mac Weekly. Awarded this year to F. O. Holmes.

Ministerial Scholarships.—Given by Board of Education of the Presbyterian Church to candidates for its ministry.

Honorary Scholarships of \$50 each are offered to the first ranking student among the young men and also among the young women in each graduating class of an accredited four-year high school, provided that the superintendent certifies that such students are of honor grade.

Rhodes Scholarships.—"In order to keep this well known bequest before the minds of present or prospective students it is briefly mentioned. Circulars of full information can be obtained at the president's office. Any male student who is a citizen of the United States, unmarried, not less than nineteen nor more than twenty-four years of age and who has reached the end of his sophomore year of study, may be a candidate for one of the Minnesota scholarships. This insures to the winning contestants a three years' residence in Oxford University, England."

Loan Fund.—A loan fund of one thousand dollars has been completed by the Faculty Women's Club. This fund is now being used as a loan for short periods, without interest, preferably, to junior and senior women students.

Student Activities

The Y. M. C. A. has a membership of about seventy students. It holds its regular meeting every Tuesday morning and evening. A committee of the association is present at the college two or three days before the opening of the first semester to assist the new students. The president of this association is W. P. Keller.

The Y. W. C. A. has this year a membership of about seventy-five. Its regular meeting is held every Tuesday morning. There is also a flourishing mission-study class. The president of the association is Bertha Blair.

Literary Societies.—In the college there are five literary societies under the general oversight of the faculty. The Hyperion society admits to membership both men and women; the Athenaeon and Eulogian societies admit men, and the Clonian and Philotian societies, women.

In the Music School, the Euterpean society is open to music students.

No literary society or other student organization may be established without the consent of the faculty.

Debate and Oratory.—All matters pertaining to debate and oratory are under the charge of the Forensic Board. This Board is composed of one representative from each literary society, one from each class and three representatives from the faculty.

The college takes part in four intercollegiate oratorical contests. Of these, three are state contests: the State Intercollegiate, the State Temperance and the State Peace Oratorical Contests. The other is the Hamline-Macalester Senior Oratorical Contest. A preliminary home contest is held for each of these contests, making four home contests, for which suitable prizes are offered.

Interscholastic Forensic Competition.—Macalester College has taken a great interest in developing a more natural, effective manner of public speaking among the high schools of the state. To further that end it has organized the State High School Discussion League which is now starting on its fifth year, and the State High School League in Extemporaneous Speaking which is starting on its third year. The state has been organized into districts and the winners of the district contests come to Macalester the third week in February where the state contests are held. Macalester College furnishes medals for the winners of district and state contests and shields for the winning schools.

A circular containing detailed statement of the plan and rules of the contests can be obtained by addressing Professor Glenn Clark, Macalester College.

College Band.—C. M. Wenzel, leader.

College Glee Club.—J. P. Hall, leader.

The M Club is an organization founded principally to keep those who have won the letter in touch with each other and to foster athletics.

The club was organized Dec. 9, 1913. When a Macalester student has earned an M he becomes a member on payment of one dollar initiation fee. No annual dues are paid while the student is in school.

Meetings are held about once a month when dinner is served and toasts are given by faculty members, alumni and coaches.

During the business meeting which follows, questions concerning athletics are brought up. The club does everything in its power, in keeping with the spirit of the school, to promote athletics and attract students from the surrounding territory.

Anyone who desires information concerning the college may write to the officers mentioned below, or to any M man whom he knows and the information will be given.

President, D. S. Doty, 109 North Snelling Ave., St. Paul.

Secretary and Treasurer, W. I. Orlebeke, Macalester College, St. Paul.

The Honor Scholarship Society

The society was organized in 1914 with twenty charter members. The aim of the society is to stimulate scholarship and intellectual interests in the college. It regards scholarship, intellectual leadership, originality and character as the requisites for eligibility to membership.

The society is now composed of fourteen active members. New members are elected by the faculty at the beginning of October in each year. The eligible list for new members is composed of students having an average standing of at least B and having a standing in college of at least sophomore without condition. Half of the new members selected from this list are chosen on the basis of scholarship as shown by the registrar's records. The remainder are chosen from this list by ballot of the faculty. After these are chosen, a new list may be made, including students not otherwise eligible, by a three-fourths' vote of the faculty, and from this list not to exceed two more may be elected by ballot. At the close of the school year the faculty may add to the membership of the society members of the graduating class who have exceptionally fine records through their senior year.

At graduation, active members become graduate members of the society, and are entitled to all its privileges except voting. Members of the faculty are honorary members of the society. There are at the present time thirty-seven graduate members.

The society has an active member's pin of silver, which is presented to each new member at the recognition exercises when he enters the society, and a graduate member's pin of gold, which is presented to graduating members at, or just preceding, the commencement.

The officers of the society are: President, Hulda Hanson; Vice-President, Clara G. Robinson; Secretary, W. C. Thompson, Jr.

The Executive Committee of the Society is composed of the officers named above with Professors Anderson and Clark.

The list of active members is as follows:

Grace Calder	Helen Willina McRae
Winnifred Bertha Canon	Violet May Olson
Mae Charlotte Coleman	Mildred Peabody
Lillian Taylor Fritch	Irene Marguerite Petersen
Melvin Louis Gundlach	Dorothy Pratt
Anna Estelle Hammerlun	Marion Gertrude Reader
Tillie Hansen	Gladys Harriett Reutiman
Hulda Hanson	Clara Goldena Robinson
Linnea Margaret Johnson	Elizabeth Schade
Walter Philip Keller	Ada Rose Stalker
Carrie Louise Krugmeier	Helen Strachan
Amy Marie Le Vesconte	Ruth Marjorie Swift
William Carson Thompson, Jr.	

Religious Life and Exercises

Macalester was founded as a Christian college. The atmosphere of the college has always been warmly religious. The Young Men's and Young Women's Christian Associations are large and active. The city offers much opportunity for religious work. In keeping with the purpose of the founders of the college the faculty makes the following requirements:—(1) all students registering for more than five hours a week in college studies are required to include the equivalent of at least one hour a week of Bible study for the year; (2) attendance at the daily chapel exercises of the college at ten o'clock in the morning is required of all college students without exception; (3) attendance at Sunday morning church services is expected of all students and required of all who are not living at home with their parents. Presbyterian students, not living at home, are expected to attend the Macalester Presbyterian Church. Students connected with other churches either by membership or sympathies are excused to attend the church of their preference.

The Macalester Church has initiated a system of affiliated memberships, by which the student who wishes may retain his membership with his home church while at the same time coming into such relation with the local church at the college that he may

feel that he has here a church home and center for his religious life. Students are urged to take advantage of this offered affiliation.

Physical Training and Athletics

Athletics and careful physical training are required, and three dollars of the tuition fee for each semester are set apart for the support of athletics. Students are thereby entitled to admittance to all athletic contests at Macalester and to the use of the gymnasium, toboggan slide and skating rink. The athletic field is enclosed, and contains about four acres. There are a number of lawn tennis courts. A large skating rink has been provided in the midst of the oak grove at the south of the campus, and has been very popular. Trained coaches are provided for field sports.

A course in personal hygiene is required of all freshmen. On completion of two years' physical training one credit is given for this course.

Classes in physical training are conducted for young women in the gymnasium of Wallace Hall. Attendance is required of freshmen.

Teachers' Bureau

The college maintains a reliable teachers' bureau as a means of communication between graduates and superintendents and school boards desiring competent teachers. Graduates will not be recommended to positions for which they do not give good evidence of fitness. This service is given without charge. Those desiring to make inquiry in regard to teachers should address The Teachers' Bureau, Macalester College, St. Paul, Minnesota.

Vocation Bureau

A vocation bureau assists graduates to obtain positions in the various callings for which they have been trained.

Publications

The following publications are issued from the college:—

The Macalester College Bulletin, a quarterly devoted to the advertisement and advancement of the institution.

The Mac, a triennial publication devoted to college interests, published by the college students.

The **Macalester Weekly**, a student publication established in 1914. It gives expression to student opinion upon matters of college life, and gives complete accounts of all college events. The editor-in-chief is Lucile G. Farrell.

The **Gateway**, a literary magazine published by the members of the English composition classes.

Expenses

Students' fees are paid at the beginning of each semester, before completion of registration and strictly in advance, as follows:—

Tuition, regular student.....	\$42.50
Special student (not more than eight hours).....	28.00
Special student (not more than five hours).....	20.00
One dollar of the tuition for the first semester is applied on the salary of special coaches.	
Special fees—	
Biology.....	\$1.50 or 3.00
*Chemistry.....	5.00
Physics.....	3.00
Geology.....	1.00
Applied Mechanics.....	4.00
Homemaking.....	1.00
Mechanical Drawing.....	.50
English, 1, 2, 3.....	1.00
Locker, annual fee.....	1.00
Diploma.....	5.00
Men's guarantee fee.....	1.00

*This is a deposit fund. The actual fee charged will be based upon the cost of material.

No deductions are made except for sickness lasting a month or more.

Credits are withheld until all obligations are met.

From tuition fees the trustees, on recommendation of the faculty and students, appropriate the following amounts: athletics, \$3; library, \$2.50; band, orchestra, debate and oratory, 50 cents; "The Mac," 50 cents; "Mac Weekly," 75 cents.

Refunding Tuition.—If a student leaves the institution at any time after entrance without the approval of the faculty or because he has been suspended or dismissed, no money is refunded. Those withdrawing for other reasons, on or before the middle of a semester, will be allowed an equitable percentage on tuition paid.

Special Rates

1. Sons and daughters of ministers of any denomination are allowed a rebate of eight dollars each semester on tuition.

2. All candidates for the ministry, of whatever church or denomination, are allowed a rebate of eight dollars each semester on tuition upon the following conditions:—

(1) Candidates for the Presbyterian ministry shall be under the care of presbyteries, and shall present to the treasurer certifications to this fact from the clerks of the presbyteries. Candidates for the ministry of other denominations shall have their purpose to enter the ministry properly certified to by the proper ecclesiastical authorities.

(2) All such students will be held in honor bound to refund to the college treasury the amount of tuition rebated, in the event of their abandoning their purpose to enter the ministry.

The above concession, tho made at a great sacrifice to the college, is offered cheerfully, 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 possible, the welfare of the institution and that they will complete their course of study at this institution.

3. When more than one person from the same family attend college at the same time a rebate of \$4 on tuition fee will be allowed to each person after the first. This rule does not apply to those receiving other privileges or rebates.

Rooms and Board

Room rents for all college buildings and board at Wallace Hall are to be paid in advance each month of twenty-eight days.

Wallace Hall for Women

Board per week, each person.....	\$4.50
Room rent per week, each person.....	\$1.50 to 2.00

The trustees reserve the right, in view of possible fluctuations in cost of supplies, at the end of the first semester to raise or lower the charge for board.

Men's Dormitory

Room rent per week—corner rooms	\$1.25
Room rent per week—inner rooms	1.00
For each person.	

All rooms have two occupants and the rentals include light and heat.

Men students board at The Commons, or in private families.

Board costs on an average fifty cents a day or \$3.50 to \$4.00 a week. Rooms in private families per month, \$6.00 and up.

Occupants of dormitory rooms are held responsible for their rooms for the semester unless obliged to withdraw from college.

Each student in the college dormitories is required to deposit \$2.50 (including deposit for key) as a guarantee against damage to college property, and to make it up to that amount at the opening of each semester thereafter. From this fund are deducted (1) charges for damage for which he is personally responsible; (2) charges (pro rata) for damage done in dormitories by unknown hands. The surplus, if any, is refunded to the students at the end of the year, or when they leave the dormitory.

Rooms

(1) **Furniture.**—All rooms in men's dormitories are furnished with bedsteads (two-thirds size), mattresses, pillows, dresser stand, bowl and pitcher, study table, book shelves and three chairs. The toilet room lavatory is supplied with hot and cold water. Students in the dormitories must provide their own bed clothing, towels, and carpets or rugs. In Wallace Hall there are single iron beds, mattresses, pillows, dresser, study table, two rockers, two study chairs, a lavatory with hot and cold water, steam heat and electricity. Floors are of hardwood.

(2) **Application.**—Application for room in the dormitories should be made as early as convenient to the President. Reservation in Wallace Hall is \$3; in men's dormitory, \$1. This applies on first month's rent. Rooms will not be held later than the opening of the term unless the room rent is advanced for the period of delay. In case applicants fail to come, the money advanced will not be returned. Rooms will be assigned in the order of application.

No deduction is made for vacations during school year. Students are charged for their rooms till they are formally vacated—whether continuously occupied or not—and keys surrendered.

Each dormitory tenant is held responsible for the rent for the entire semester. A student may shift this responsibility by securing a new tenant not occupying dormitory quarters, but is relieved from the obligation only on withdrawal from the college for good reasons.

Students working for the college will have all bills due the college deducted from the amount due them before being paid for work performed.

Students who are in arrears at the end of any semester will be refused credits for the semester's work until all bills incurred by them have been paid; also future registration will be denied and no

class work allowed until settlement satisfactory to the treasurer has been made.

Self-Support

Students desiring to do something toward defraying their own expenses can usually find some way of doing so. Many find work on Saturdays, in stores and other places of business, and have thus paid a large part of the expense of their board. Others have earned their board by working mornings and evenings. It is seldom that any worthy, capable student with energy and tact fails to find some means by which he may work his way thru college, provided the summer vacation is improved to increase his income.

The Y. M. C. A. employment bureau has been organized to assist students in finding work. There are opportunities for work in stores and offices, caring for furnaces, waiting in clubs and carrying newspapers, and in many other ways dependent upon the student's fitness. Valuable suggestions as to employment and the financial side of college life are gladly furnished to prospective students on application and every effort to assist the new-comer is cheerfully made. Address all communications to Chairman Employment Committee, Macalester College, St. Paul.

Telephone

The college office telephones are N. W. Midway 486 and T. S. 82522; Conservatory of Music, N. W. Midway 2656.

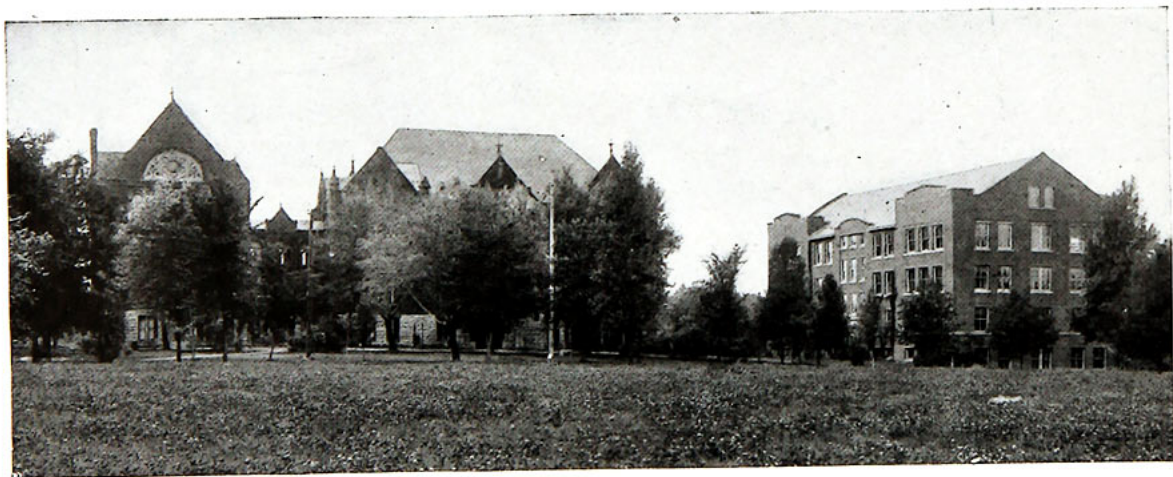
College of Liberal Arts

The *men of experiment* are like ants—they only collect and use.
The *reasoners* resemble spiders, who make cobwebs out of their own substance.

But the bee takes a middle course; it gathers the material from the flowers, but digests it by a power of its own.

So *true philosophy* neither chiefly relies on the powers of the mind, nor takes the matter which it gathers and lays it up in the memory, whole as it finds it, but lays it up in the understanding, to be transformed and digested.

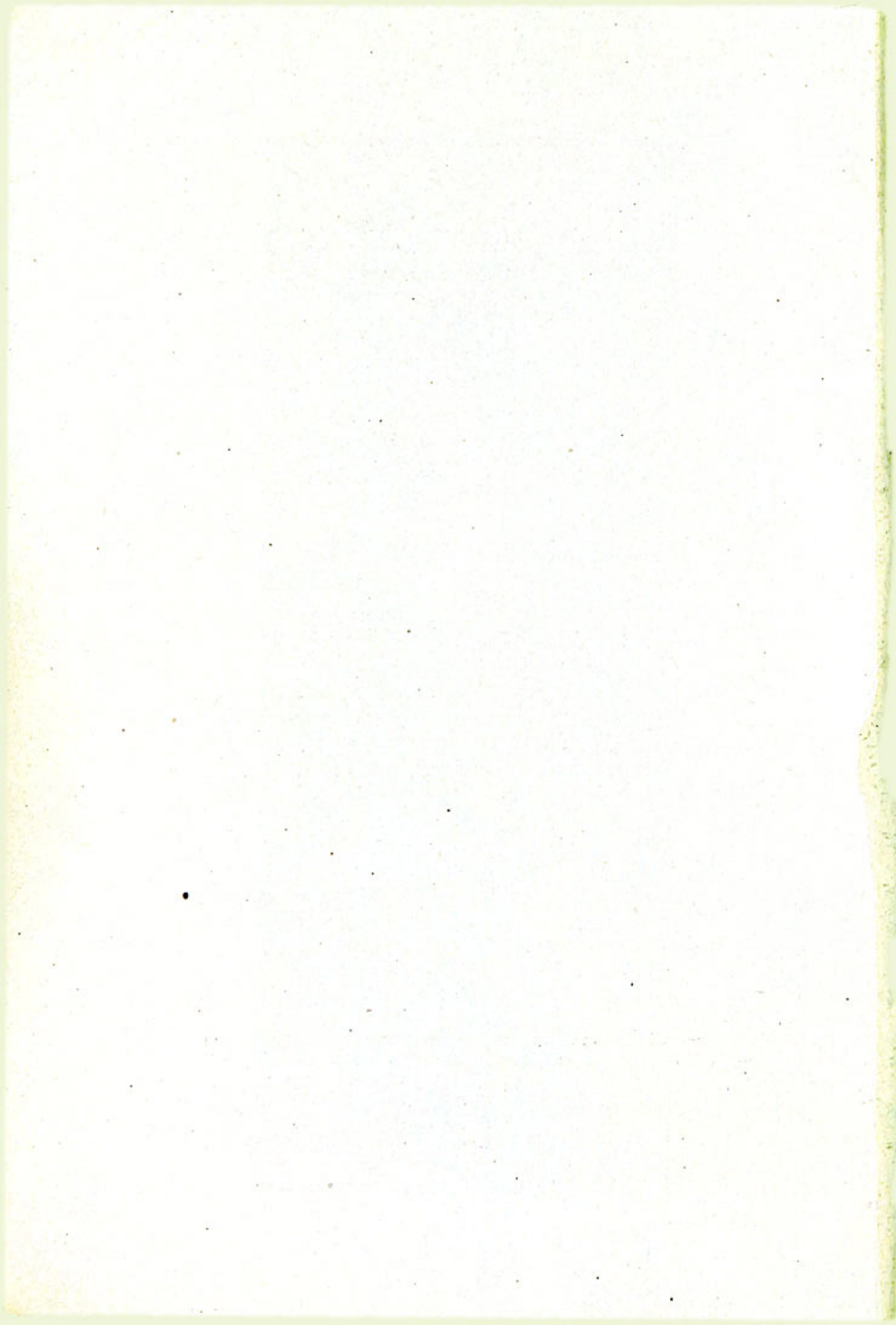
—*Francis Bacon.*



Men's Dormitory

GENERAL VIEW OF COLLEGE BUILDINGS
Main Hall

Science Hall



Entrance Requirements

General Statement

The satisfactory completion of fifteen units of properly coordinated work is required for admission to the freshman class of the college. The following units are required: three in English, one in Algebra and one in Geometry. Not more than four units in vocational subjects (including Agriculture, Commercial Work, Domestic Science and Manual Arts) may be presented. It is strongly recommended that the student submit two or more units of consecutive work in some foreign language. By a unit is meant four or five recitation periods a week in a subject, carried thruout a year of thirty-six weeks. The recitation periods must be not less than forty minutes in length.

Admission by Certificate

From Accredited High Schools and Academies.—Graduates of accredited high schools and academies requiring a four-year course are admitted without condition to the freshman class, subject to the requirement of the preceding paragraph. Accredited schools are those on the list of the North Central Association of Colleges and Secondary Schools, the list of Minnesota high schools prepared by the State Superintendent and similar lists of the high schools of other states.

Applicants for admission to the freshman class should apply to the Registrar for the Applicant's Admission Blank, which should be filled out by the principal of the high school or academy in which their courses were taken, and mailed by him to the Registrar, by the first of September.

From Unaccredited High Schools and Academies.—Graduates of such schools should secure the Applicant's Blank from the Registrar of the college, and have it filled out and sent to the Registrar as in the case of Accredited Schools. The credits will then be evaluated by the Matriculation Committee of the College and if satisfactory the student will be admitted.

Admission by Examination

Students not presenting certificates as provided for above must present a course of study equal to a four-year high school course. Such students will be examined in the course presented by them and will be admitted to freshman standing on passing the examination satisfactorily. These examinations will be given on the Monday and Tuesday preceding the opening of the college in September.

Suggestions to Students Preparing for Macalester College

The following suggestions respecting high school courses are not mandatory, but may be of value to future college students, now in high school or academy.

Suggested Units.—Students intending to major in Groups I or II (see page 44), are advised to present the following units for entrance:

English 4	Algebra $1\frac{1}{2}$ or 1
Latin 4	Geometry $1\frac{1}{2}$ or 1
Modern Language 2	

The remaining units may be selected from the following:

History 1 or 2	Physics 1
German 2	Civics $\frac{1}{2}$
Greek 2	Physiology $\frac{1}{2}$ or 1
French 2	Zoology $\frac{1}{2}$ or 1
Chemistry 1	Physical Geography $\frac{1}{2}$ or 1
Botany $\frac{1}{2}$ or 1	Manual Training $\frac{1}{2}$ or 1

Students intending to major in Group III are advised to present the following ten units:

English 4	Algebra $1\frac{1}{2}$
German or French 2	Geometry $1\frac{1}{2}$
Chemistry or Physics 1	

The remaining five units may be selected from the following:

Chemistry (if not above) 1	Physics (if not above) 1
Botany $\frac{1}{2}$ or 1	Physiology $\frac{1}{2}$
History $\frac{1}{2}$, 1 or $1\frac{1}{2}$	Greek 1 or 2
Zoology $\frac{1}{2}$	Physical Geography $\frac{1}{2}$ or 1
French 1 or 2	German 1 or 2
Manual Training $\frac{1}{2}$	Civics $\frac{1}{2}$

Suggested Courses of High School Study.—The following courses of study are suggested to students now in high schools who are preparing for entrance to Macalester College. Courses such as these will furnish substantial preparation for the work of the college and will articulate well with its courses:

Composition and Rhetoric 2 units	Latin 2 or 4 units
Literature 2 units	Greek, French or German 2 units
Algebra $1\frac{1}{2}$ unit	History and Civics 2 units
Geometry $1\frac{1}{2}$ unit	Natural Science 2 units

Admission with Advanced Standing

From Other Colleges.—Students coming from reputable institutions of collegiate grade should present letters of dismissal and are then given standing in Macalester College, allowing a fair equivalent on the course here for work done elsewhere.

From Normal Schools.—Credits from Normal Schools are to be reckoned according to the nature and quality of the work presented as judged by the Registration Committee. This committee consists of the Registrar and the Dean.

From High Schools and Academies.—Ordinarily, no credit will be allowed on the college course for excess units of work done in the high school or academy. A student asking for such credit should note the following conditions:—

(1) No credit will be allowed except for an excess beyond seventeen units of high school or academy work.

(2) No credit will be allowed except after an examination by the college instructors to whose departments the subjects belong.

(3) In no case will credit be given for more than half the time which the subjects consumed in the preparatory school course.

(4) The Matriculation Committee will decide which of the student's excess units may be submitted for college credit.

All credits from other institutions, for which the student wishes credit in this institution, must be presented at the time of registration. Credits presented later from other institutions will not be considered.

Requirements for Graduation

The College of Liberal Arts offers courses leading to the degree of Bachelor of Arts.

One hundred and twenty-seven credits are required for graduation, the term credit meaning one hour a week for one semester in class room or two hours a week in laboratory. These credits must be secured with reference to the group from which the student has chosen his major, as follows:

Required in All Courses.—

- (1) 7 credits in Religious Education, Mental Science 2, and Vocation 1.
9 credits selected from Greek 9, History 3, Mental Science 11 and Religious Education.
At least two of these credits must be secured each year.
- (2) 6 credits in English 1.
- (3) 6 credits in Social and Political Science and History.
- (4) 3 credits in Mental Science 1.
- (5) 1 credit in Personal Hygiene.

32 credits required of all.

Major in Group I.—

- (1) 14 to 42 credits in foreign language. At least 14 credits must be secured in college and the total with entrance credits from high school must be 42. Of these there must be 28 in one language, 14 in another. 14 credits must be in Latin or Greek. One entrance unit counts as 6 credits.
- (2) 12 credits in Group III.
- (3) 20 credits in major subject.
- (4) 21 to 49 credits elective.

Major in Group II.—

- (1) 14 to 28 credits in foreign language, total with entrance credits must be 28. No less than 14 credits in one language will count toward this requirement.
- (2) 18 credits in Group II other than the major and Religious Education.
- (3) 12 credits in Group III.
- (4) 20 credits in major subject.
- (5) 49 to 63 credits elective.

Major in Group III.—

- (1) 8 credits in Mathematics 1 and 2.
- (2) 14 credits in a modern language unless the student has presented 18 entrance credits in a modern language or 12 credits in one language and 6 in another.
- (3) 18 credits in two subjects in Group III other than the major.
- (4) 20 credits in major subject.
- (5) 67 or 81 credits elective.

Special Credits.—Members of the College Glee Club and college band are allowed one credit each a year upon recommendation of adviser.

Points Required for Graduation.—In addition to the one hundred and twenty-seven credits mentioned above are required:

(1) An equal number of honor points, granted as follows: for each credit toward graduation earned by the student with a mark of A, three honor points are given; for each credit with a mark of B, two honor points; for each credit with a mark of C, one honor point. A mark of D carries with it no honor points.

(2) Ten points in Physical Education (required of each man), one point to be allowed for the course in Personal Hygiene which is required of all freshmen, and three points to be allowed for a season's work in the regular gymnasium class or in any of the recognized athletic sports (football, basketball, baseball, track and tennis). Four of these ten points must be obtained during the freshman year; and three during the sophomore year. The number of points obtainable in any one year toward satisfying the requirement is limited to seven.

Courses for the Freshman Year

In the Freshman year the student is required to select one of the following courses according to the group in which his major will probably be.

GROUP I.

Religious Education 1, 2 hours	One subject from Group III
Vocation 1, 2 hours	Elective
English 1, 3 hours	Personal Hygiene
Latin, Greek, French or German (to complete requirements above), 4 hours	Physical Education (men), 3 points

GROUP II.

Religious Education 1, 2 hours	One subject from Group III
Vocation 1, 2 hours	One subject from Group II
English 1, 3 hours	Personal Hygiene
Latin, Greek, French or German (to complete requirements above), 4 hours	Physical Education (men), 3 points

GROUP III.

Religious Education 1, 2 hours	Mathematics, 4 hours
Vocation 1, 2 hours	One subject from Group III
English 1, 3 hours	Personal Hygiene
Latin, Greek, French or German (to complete requirements above), 4 hours	Physical Education (men), 3 points

The elective courses for the freshman year are:—

Religious Education 1 (second semester)	History 1, 5, 6
Biology 1, 2	Mathematics 1a, 1, 2, 9
Chemistry 1	Music
Expression 1	Applied Mechanics 1
Foreign Language	Mental Science 1, 2
	Social Science 1, 11

Language requirement must be completed if possible by the end of sophomore year.

Science requirements of the student, whose major is in Group I or II, must be completed by the end of the junior year.

History and social science requirements must be completed by end of junior year.

Majors and Minors.—Each student who is working for a degree must elect by the beginning of the junior year, under restrictions stated below, one major and two minors from the fourteen following departments:—

GROUP I.

- | | |
|----------|----------------------|
| 1. Latin | 3. German |
| 2. Greek | 4. Romance Languages |
| | 5. English |

GROUP II.

- | | |
|-----------------------------|---------------------------------|
| 1. Religious Education | 3. Social and Political Science |
| 2. Philosophy and Education | 4. History |
| | 5. Music |

GROUP III.

- | | |
|---|----------------|
| 1. Chemistry | 3. Biology |
| 2. Physics (including Applied
Mechanics 2 for major) | 4. Mathematics |

Terms Defined.—A *major* consists of twenty credits obtained in one department.

A *minor* consists of twelve credits obtained in one department.

Restrictions on Choice.—

(1) At least one of the minors must be in a different group from the major. The minors are subject to the approval of the student's adviser.

(2) The following courses are not counted toward a major or minor:—Bible 1 (one semester) and 2, Chemistry 10, English 1.

(3) French 1-2, German 1-2, Greek 1a, Latin 1-2 and 3-4, Mathematics 1a and 9, Mental Science 1, Biology 1 and 2, Physics 1 and Social and Political Science 1 and 11 are not counted toward a major. In Physics students must present one year of high school work in the subject in order to begin a major or minor.

Five Students Required for a Class.—The college does not hold itself bound for instruction in any elective course for which fewer than five students make request to the Registrar. Such classes may, however, be organized at the option of the instructor.

Theses.—On or before the opening of the second semester of his junior year, each candidate for a degree shall select the subject of a thesis connected with the subject which he is making his major. This subject must be chosen in consultation with the head of the department to which the student's major belongs and with his approval.

The completed thesis shall be typewritten and filed with the Librarian on or before the first of April preceding the student's graduation. Such thesis must be prepared according to regulations to be obtained from the Librarian, and must bear the signed approval of the head of the department. Further, these theses must be accompanied by a complete bibliography of works consulted and analysis. Ordinarily, they will not be accepted if they exceed 6,000 words in length.

Classification of Students

Classification without Conditions.—For freshman classification, as stated before, fifteen units of acceptable high school

work or their equivalent; for sophomore, thirty-two college credits in addition to the entrance requirements; for junior, sixty-four credits in addition to the entrance requirements; for senior, ninety-six credits in addition to the entrance requirements.

Classification with Conditions.—A student is classified as sophomore on gaining twenty-four college credits; he is ranked junior on obtaining fifty-four college credits; he is ranked senior on obtaining ninety college credits.

All conditions from previous years must be removed by the end of the first semester of the senior year.

Change of Course.—Registration at the beginning of the semester fixes the course of study for the student. After that no change is permitted without the written consent of the instructors concerned and the student's adviser. Dropping a subject comes under this rule.

After four weeks from the opening of college no card for dropping or electing courses shall be signed except by special permission of the faculty.

Unfinished Courses.—Students who drop a year course at the end of one semester lose all credit in that course unless some distinct phase of the subject is completed; in which case, the instructor may grant the credit.

Attending Courses as a Visitor.—Upon the approval of the adviser, a student shall be permitted to attend not to exceed four hours a week in classes for which he is not regularly registered. No credit is allowed for such attendance.

Preparation for Study of Vocations

The system of majors and minors and the elective system in use here permit the student to frame his college course with some reference to his future vocation. The student on selecting his vocation should, as soon as convenient, decide what school he will probably attend, then acquaint himself with its requirements for entrance, and shape his college course to meet those requirements. In general, however, the student will find the following courses helpful to him in his future vocational study.

For the Study of Medicine.—The following course is strongly advised for students who are preparing for the study of medicine. Those taking such a course are given a bachelor's degree upon the

satisfactory completion of the first year's work in a recognized medical school.

Freshman Year	Sophomore Year	Junior Year
Chemistry 1 and 3	Biology (General Zoology and Vertebrate Anatomy)	Organic Chemistry
English	French or German	Histology and Human Physiology
French or German	History or Social Science	Psychology and Ethics
Mathematics 1 and 2	Religious Education	Elective
Vocation and Religious Education		

For the Study of Law.—The value of a full college course in preparation for the study of law cannot be disputed. Macalester offers a number of courses that are invaluable to law students, and a college course arranged with this group of subjects as a nucleus is suggested below, showing also the possibility of a well rounded college course that is designed to develop the best that is in the student.

Suggested Course to Law Students

Freshman Year	Sophomore Year
English	Public Speaking and Argumentation
Foreign Language	Foreign Language
Vocation and Religious Education	Religious Education
Sociology and Economics	History of Economic Theory
Science	Psychology and Ethics
History	
Junior Year	Senior Year
Roman Law and Jurisprudence	International Law
English Constitutional History	History
Debate and Oratory	Religious Education
Religious Education	Electives
Electives	

For the Christian Ministry and Missionary Teaching.—The department of religious education and the electives in Greek Testament, philosophy, ethics and history offer a course well adapted to those who have the gospel ministry in view. Those, too, who are preparing to be missionary teachers will find in the wide range of Bible study pursued in the college an indispensable and very attractive adjunct to their course.

For Teaching.—The college has made special provision for the needs of students who wish to fit themselves for the teaching profession. The student should remember that there is the content side of his preparation and the technical side. The former part of the preparation he will obtain by directing his college studies thru the majors, minors and elective studies to the subjects which he will teach, with their related topics. The latter he will find in the courses in sociology, psychology, logic, ethics, history of philosophy, history and principles of education. This preparation will then be

supplemented by practice work to increase his insight into the principles of his profession and give him skill.

Attention of young men is invited in particular to the laboratory shop courses and manual training teachers' course which, in connection with the science courses, fit men for positions for which there is at present great demand.

For Business and Technical Vocations.—If a student has chosen his vocation before entering college special courses are offered to help him find his capacities and to develop them. He is given a thesis for his vocation that he may gather data about it. By the use of psychological methods he builds up abilities to fit him for particular positions and to guide him into a knowledge of his vocation. He is taught how to use the college courses for this purpose.

Senior Electives in Professional Schools.—Students intending to study for some profession, who are obliged to shorten their course in preparation, may in the following manner save one year while still obtaining their degrees. After completing three years of the college course and being enrolled for the fourth year, they may take the first year of a professional course in any school approved by the faculty in place of the work of the senior year.

Conditions Required.—This will be permitted subject to the following conditions: first, the required studies of the college must be completed in every case; secondly, a certificate must be presented from the professional school, showing the successful completion of the work of the first year in that school.

Students Not Candidates for a Degree

Students not expecting a degree will be admitted to the college under the following conditions:—

(1) They must present the requisite entrance credits, fifteen units for unconditioned registration, at least thirteen and a half for conditioned registration.

(2) They will be restricted in their choice of courses to such as their previous studies furnish a preparation.

(3) They are not excused from the operation of any of the regulations of the institution, which apply to the general student body.

These conditions being met, such students are classified according to the number of credits they have obtained, and are entitled to all the privileges of the college life.

The least number of hours which a student is allowed to carry is twelve, except by special action of the faculty in very exceptional cases.

Student Advisers

For registration, advice and supervision all students will be assigned to faculty advisers. Each faculty member will have from fifteen to twenty students, making it possible for each student to receive special attention in regard to his course. The adviser assists the student in the arrangement of a course of study in harmony with his tastes or prospective vocation. The aim of this system of advisers is more intensive and consistent courses of study, vocational direction, timely warning to laggards and closer and more friendly cooperation. Assignments to an adviser are made by the Dean of the College, with the purpose of securing to each student that adviser who will be of the greatest service to the student. When students have definitely fixed upon a vocation in life, they will be assigned to that member of the faculty whose department is most akin to the work they have in view. Students who have fixed upon their major study will be assigned to the head of the department to which that major study belongs.

Courses of Study

Biology

ADJUNCT PROFESSOR HOPKINS

Courses 1 and 19, 20 are not counted toward a major.

1. General Biology.—

A general consideration of fundamental principles and laws relating to both animal and plant life. Required as a prerequisite to all other courses in the department.

First semester, three credits. Only two credits will be allowed juniors or seniors taking this course.

2. Invertebrate Zoology.—

Classification, life-histories and economic importance of the invertebrates. Typical forms are studied in the laboratory.

Prerequisite, course 1 or equivalent. Second semester, three credits.

3. Vertebrate Zoology.—

Comparative anatomy and classification of the vertebrates. One representative of each class is studied in the laboratory.

Prerequisite, course 1 or equivalent. First semester, three credits.

4. Vertebrate Embryology.—

A study of the development of the frog, the chick and the pig.

Prerequisite, course 3. Second semester, three credits.

5. Vertebrate Histology.—

An elementary study of the microscopic structure of the tissues and organs of the vertebrates; also the methods of preparing material for such study.

Prerequisite, course 3. First semester, four credits.

6. Entomology.—

The structure, life-histories and economic importance of the principal groups of insects.

Prerequisite, course 2. Second semester, three credits. Field work will be required in the spring.

7. Human Physiology and Anatomy.—

An elementary study of the structure of the human body and the functions of its parts.

Prerequisites, course 1 and Chemistry. First semester, four credits.

10. Theoretical Biology.—

A discussion of adaptation and the different theories of evolution and heredity, etc.

Prerequisites, courses 2 and 3 or 7. Three hours class work, no laboratory. Second semester, three credits.

11. General Botany.—

A general consideration of the morphology, physiology and ecology of flowering plants.

Prerequisite, course 1. First semester, three credits.

12. Systematic Botany.—

A systematic study of plants from the algae to the flowering plants and the evolution of plants.

Prerequisite, course 1. Second semester, three credits. An additional credit will be given in this course for field work on the spring flowers.

16. Microbiology.—

A study in the class-room and laboratory of bacteria and related forms, and especially their relation to the diseases and industries.

Prerequisite, course 1 and Chemistry. Second semester, four credits.

19, 20. Teachers' Course.—

For those who intend to teach biology. Practical work is given in the laboratory. Weekly conferences are held on the methods of teaching, planning of courses and reviews of textbooks.

Prerequisites, courses 2, 3, 10, 11, 12. One year, four credits.

Chemistry

PROFESSOR JONES

1. General Inorganic Chemistry.—

The course includes a thoro study of the principal elements and their compounds, their occurrence in nature, preparation in the laboratory, etc.; also an introduction to the study of qualitative analysis.

One year, seven hours a week, eight credits. Six credits will be allowed seniors taking this course.

This course counts four credits toward a major or minor if the student's grade is B or better.

2. Advanced Inorganic Chemistry.—

This is a continuation of course 1, with an introduction to physical chemistry.

Prerequisite, course 1. One year, six hours a week, six credits.

3. Qualitative Analysis.—

Lecture and laboratory work, including the detection and separation of the metals and the identification of the acids. The last few weeks of the year are spent in the analysis of specimens of rock and earth. Instead of this, the student may make a study of materials used as paint pigments and the methods used in paint analysis.

Prerequisite, course 1. One year, six or eight hours a week, six or eight credits; or second semester, twelve hours a week, six credits.

4. Quantitative Analysis.—

Lecture and laboratory work. This includes an introduction to the gravimetric and volumetric analysis and a study of the methods of determination of atomic weights.

Prerequisite, courses 1 and 3. One year, six or eight hours a week, six or eight credits.

5. Organic Chemistry.—

A course of lectures on organic chemistry, including a study of the aliphatic and aromatic compounds. The chemistry of foods, oils, explosives, etc., is considered. Some of the important compounds are prepared before the class. A laboratory fee of one dollar is charged, except when course 6 is also taken.

Prerequisite, course 1. One year, three hours a week, four credits.

6. Laboratory Course in Organic Chemistry.—

To be taken with or upon completion of course 5. Organic compounds are prepared and studied. Quantitative results are expected. This course should be taken with course 5, when possible.

One year, six hours a week, four credits.

7. Advanced Organic Chemistry and Qualitative Organic Analysis.—

This course is a continuation of courses 5 and 6. The detection of common food adulterants will receive attention.

Prerequisite, courses 1, 2, 3, 5 and 6. One year, six hours a week, six credits.

8. Food Analysis.—

Milk and butter analyses receive special attention.

Prerequisite, courses 1, 3 and 4. One year, six hours a week, four credits, or one semester, twelve hours a week, four credits.

9. Water Analysis.—

Prerequisite, courses 1, 3 and 4. One semester, six hours a week, three credits.

10. Teachers' Course.—

This course is designed for those who intend to teach chemistry. They are given practical work in the laboratories, instructing students beginning chemistry, preparing solutions, etc. A course of lectures is given on the teaching of chemistry.

Prerequisite, courses 1 and 3. One year, three or six hours a week, two or four credits. No fee is charged.

Credits not counted toward a major or minor.

Education

PROFESSOR ANDERSON

1. Principles of Teaching.—

A course in teaching for prospective teachers in secondary schools. The course includes the physical and mental characteristics of the adolescent pupil; the cultivation of proper methods of study on the part of the pupil; the general methods of teaching with illustrative applications. Instruction is by means of text-book, lectures, collateral readings, quizzes. Reports on visits and observations in the city schools are required. Each student in this class must present, not later than June the first, a complete set of plans for twenty consecutive lessons in an approved subject.

Prerequisite, twenty-four credits. First semester, three hours a week, three credits. Students taking this course are advised to register at the same time for Philosophy I, unless they have already obtained credit in that course. Required for faculty recommendation for teaching.

2. Administration and Management.—

This course opens with a preliminary sketch of the origin of our school system. Then follows a study of the organization and administration of our schools. Attention will be given in particular to the secondary school system. Here are included the rise and growth of high-schools, their purposes, kinds, curricula, etc. The course concludes with a discussion of the problems of class management.

Prerequisite, twenty-four credits. Second semester, three hours a week, three credits.

3. History of Education.—

A general course in the history of education. It includes ancient oriental education, education in Greece and Rome, and through the medieval times. A fuller treatment is accorded

the educational movements from the Renaissance to the present. The purpose is not only the possession of the facts, but also the application of them to the interpretation of present theory and practise. Students taking this course are advised to take a course in European history, if they have not already done so. Instruction is by means of text-books, lectures, and collateral readings.

Prerequisite, twenty-four credits. First semester, three hours a week, three credits. Not offered 1919-1920.

4. Present Systems and the Philosophy of Education.—

This course takes up the work where the previous course leaves off, with a study of some modern educational systems. Chief attention is given to a study of the British, German and French systems in comparison with our own. Each student is required to make a study of some phase of foreign education and prepare a careful written report on it. The study of the modern systems is then used as a basis for a consideration of the aims of education immediate and remote. The student is encouraged to formulate to some extent his own philosophy of education.

Prerequisite, course 3. Second semester, three hours a week, three credits. Not offered 1919-1920.

For further courses in Education, see the various departments of instruction in the college; and, further, all courses in the department of Mental Sciences and Philosophy.

The following courses are included in this department:—

Religious Education 8	Latin 16
Biology 19, 20	Mathematics 7
Chemistry 10	Applied Mechanics 2
English 11	Physics 5
German 11	
History 10, 11	

The work in practice teaching is given in connection with the courses in teaching in the various departments, as given above, and is in the care of those departments.

English

PROFESSORS JOHNSON, CLARK, WHITRIDGE, HALL AND McRAE

This department offers a major in English Literature and a minor in Expression or English Composition. Courses offered as English Composition may be counted toward a major in English Literature.

1. Composition and Public Speaking

PROFESSORS CLARK, HALL AND McRAE

1. **Composition.**— PROFESSORS CLARK, HALL AND McRAE
This course is required of all freshmen. Its purpose is to give the student practice in speaking and writing and to lay a foundation for future work in English. Descriptive and narrative writing are studied the first semester, and expository writing the second semester.

Students who are deficient in punctuation, spelling and sentence structure are required to make up these deficiencies in a separate course for which no college credit is given.

One year, three hours a week, six credits.

2. **Expository Writing.**— PROFESSOR CLARK

The chief emphasis the first semester will be upon accuracy rather than fluency, and much attention will be given to mastery of sentence structure. In the second semester students will be encouraged to do vital, spirited writing, the best of which will be published in the Gateway Magazine. Students who have shown thoro mastery of the fundamentals of rhetoric in English 1, may be admitted to the second semester without taking the first semester work.

One year, two hours a week, four credits.

3. **Short Story Writing.**— PROFESSOR CLARK

This course is open to all who have completed one or two semesters' work in English 2, or who have shown unusual aptitude for writing in English 1. The best stories written in this course will be published in the Gateway Magazine.

One year, two hours a week, four credits.

4. **Newspaper Writing.**— PROFESSOR CLARK

(a) **Introductory Course**—This course introduces beginners to the theory and practice of journalism. Members of the class are required to write regularly for the Mac Weekly, and the best books on journalism furnish materials for reports made by students to the class. This course may be elected for either or both semesters.

One year, one hour a week, two credits.

(b) **Advanced Course**—Some of the larger problems of metropolitan and rural journalism will be studied and opportunities for practice in both fields will be granted members of

the class. A miniature press bureau will be conducted as a part of the laboratory equipment of this class. Editor J. S. McLain of the Minneapolis Tribune will be consulted in the planning of the course, and whenever the size of the class warrants it, lectures will be given by editors and reporters of the Twin City papers.

One year, one hour a week, two credits.

All new students who wish appointment to the Mac Weekly staff must register for this course.

5. **Seminar in Advanced Composition.**— PROFESSOR CLARK
This course is designed for those who have done or wish to do some original writing outside of the regular class room work. No student should enroll for this course until he has consulted with the instructor.

Prerequisite, fifty-four credits. One semester, one hour a week, one credit.

6. **Play Writing.**— PROFESSOR CLARK
This course will be offered the second semester on alternate years if there is sufficient demand for it.

Prerequisite, fifty-four credits. One year, four credits.

7. **Public Speaking.**— PROFESSOR CLARK
The object of this course is to correct a student's faults in public speaking and enable him to present a message effectively from the platform.

First semester, two hours a week, two credits.

8. **Argumentation and Debate.**— PROFESSOR CLARK
A study and analysis of great debates by Calhoun, Webster, Lincoln and others. Abundance of practice is given in drawing up of briefs and in actual debating.

Prerequisite, twenty-four credits. Second semester, two hours a week, two credits.

9. **Extemporaneous Speaking.**— PROFESSOR CLARK
The object of this course is the development of a natural, direct and effective manner of speaking. Weekly extemporaneous speeches, thoroly outlined, are required of the class and also one long written address suitable for public presentation.

Prerequisite, twenty-four credits. Second semester, two hours a week, two credits.

10. **Seminar in Debating and Oratory.**—
Open to those who represent the college in intercollegiate debates and in the state oratorical contest.

One semester, two hours a week, two credits.

Students interested in debate and oratory will find it helpful to take Mental Science 3 (Logic) and courses in Expression and Economics.

- 11. Teachers' Course.**— PROFESSOR CLARK
This course is designed to prepare students to teach English in secondary schools. The work consists of lectures, reports and actual practice teaching.
First semester, two hours recitation, two hours practice work, three credits.
- 15. World's Masterpieces and Modern Tendencies.**— PROFESSOR CLARK
In the first semester the student will be introduced or re-introduced to such masters as Homer, Dante, Goethe and efforts will be made to estimate their contribution to their age as well as to modern times. In the second semester the class will attempt to estimate the trend of modern day forces, especially the spirit of American nationalism and the new literature growing out of the Great War.
Prerequisite, fifty-four credits. One year, three hours a week, six credits.

2. English Language and Literature

PROFESSOR JOHNSON

- 22. American Literature.**—
Lectures and critical reading of selected authors; themes on assigned reading.
Prerequisite, course 1. One year, three hours a week, six credits.
- 23. Old English.**—
A study of the language, and reading of selections from the Old English Chronicle, King Alfred, Aelfric and the simpler poetry; Beowulf.
Prerequisite, course 1. One year, three hours a week, six credits.
Not offered 1919-1920.
- 24. English Literature.**—
The aim of this course is to emphasize the main facts in the development of English literature from the seventh century until about 1600. Chaucer and Spenser are extensively read and discussed.
Prerequisite, course 1. One year, three hours a week, six credits.
- 25. English Literature.**—
Shakespeare and Milton.
One year, three hours a week, six credits. Not offered 1919-1920.

26. The Drama in England.—

Special attention will be given to the writings of the minor dramatists of the Elizabethan period. While the course deals chiefly with the English drama, attention will be given to other literatures.

Prerequisite, courses 1, 24 and 25. One year, three hours a week, six credits. Not offered 1919-1920.

27. History of Literary Criticism.—

A study of the principles governing literary composition.

Prerequisite, courses 1 and 24. First semester, three hours a week, three credits.

28. Browning and Tennyson.—

A comparative study.

Prerequisite, courses 1, 24 and 27. Second semester, three hours a week, three credits.

29. The English Novel.—

Its rise and development.

Prerequisite, courses 1 and 24. One year, three hours a week, six credits. Alternate for course 26.

Any of the above courses may be elected by the semester.

3. Expression

ADJUNCT PROFESSOR WHITRIDGE

A. Elocution and Voice Training.—

1. Theory. The principles underlying the art of expression and literary interpretation.

2. Practice. Deep breathing. Correction of voice faults and mannerisms. Factors of expression. Analysis and interpretation of the classics. Reading and speaking.

One year, three hours a week, four credits.

B. Literary and Dramatic Interpretation.—

Pantomime. Adaptation of the short story and play for platform work. Story telling. Scenes and original presentations.

Prerequisite, course A. One year, two hours a week, four credits.

C. Shakespeare and Modern Drama.—

Analysis and presentation.

Prerequisite, courses A and B. One year, two hours a week, four credits.

Geology

PROFESSOR ALEXANDER

1. General.—

A general study of the forces at work within and upon the surface of the earth, the structural forms which these forces have produced and the history of the earth and the life upon it. Illustrated lectures combined with recitations and quizzes upon text work assigned. Field work for the study of local geology.

One year, three hours a week, six credits.

2. Mineralogy.—

A short course in mineralogy including a brief study of crystal forms and practical methods for the identification of the common minerals.

Prerequisite, Chemistry 1. First semester, three hours a week, three credits.

3. Fossil Biology.—

A short course in fossil biology. This includes a study of the methods used for collecting, identifying and interpreting fossil forms and their life relationship.

Prerequisite, elementary biology or geology 1. Second semester, three hours a week, three credits.

Greek

PROFESSOR HALL

Course 1a is not counted toward a major.

1a. Grammar.—

A study of the elements of the language. Drill in form, vocabulary, syntax and composition. Readings from Xenophon's *Anabasis*.

One year, five hours a week, ten credits.

1. Xenophon or Lucian.—

The *Hellenica*, Books I and II, with discussion of the earlier stages of the Peloponnesian war; or Lucian's *Charon* or *Timon* and selected short dialogues, with a survey of the literary and social conditions of the age.

First semester, four hours a week, four credits.

2. **Homer or Herodotus.**—

The Iliad, Books I-IV in literary and grammatical study; or Herodotus, stories, and selections from Book VII, with a careful consideration of accident and syntax, of the Ionic dialect.

Second semester, four hours a week, four credits.

3. **Athenian Orators.**—

Selected orations of Lysias and Demosthenes. Theme work on Isaeus, Isocrates and others. Athenian legal procedure.

Prerequisite, course 2. First semester, three hours a week, three credits.

4. **Plato.**—

The Apology and Crito. Socrates and his teachings, with readings from Xenophon's Memorabilia.

Prerequisite, course 2. Second semester, three hours a week, three credits.

5. **The Drama.**—

Selected plays of Aeschylus or Euripides and Aristophanes. Rise and development of tragedy and comedy. The Greek theater and production of plays.

Prerequisite, courses 1, 2, 3 and 4. First semester, three hours a week, three credits.

6. **English Course in Greek Literature.**—

Studies in the elegiac, lyric and dramatic poets of Greece, for students having no knowledge of Greek.

Prerequisite, twenty-four credits. First semester, two hours a week, two credits.

7. **The Odyssey.**—

Selections from Books I-XII. Sight reading. Literary study of the whole poem from the English translations of Palmer and of Butcher and Lang.

Prerequisite, courses 1, 2, 3 and 4. Second semester, three hours a week, three credits.

8. **Lyric Poetry.**—

Selections from the elegiac and lyric poets.

Prerequisite, courses 1, 2, 3 and 4. Second semester, two hours a week, two credits.

9. **The Greek Testament.**—

This course is intended not only for candidates for the ministry but for any who have studied classical Greek and who wish to

acquire a reading knowledge of the New Testament in the original Greek. The aim is to master a good working vocabulary, the main characteristics of New Testament Greek and to get some practice in Greek exegesis.

Prerequisite, Greek 1. One year, two hours a week, four credits.

10. Classic Mythology.—

A study of the more important myths of Greece and Rome with special attention to their use in English literature.

Second semester, two hours a week, two credits.

History

PROFESSORS FUNK, McRAE AND MISS BRIGGS

Students who major in this department ordinarily will be required to take courses 1, 2, 5 and 6. Courses 1, 5 and 6 are open to freshmen. If taken by juniors or seniors they will count for only two credits a semester. Students choosing history as a minor are recommended to pursue courses 5, 6, 9 and 14. Those majoring in this department will be expected to secure at least eighteen credits in related subjects, such as economics, sociology, political science, and the history of philosophy.

1. Early European History and the Middle Ages.—

PROFESSOR McRAE

This course covers a resume of Roman imperial institutions, society and culture, the origin and racial characteristics of European peoples, the beginnings and growth of the church and extends to about 1450. Lectures, text, collateral reading form the basis of the work.

One year, three hours a week, six credits.

2. English Political and Constitutional History.—

PROFESSOR McRAE

This is a study of the political and constitutional development of England to 1660. Some attention will likewise be paid to social and economic development.

One year, three hours a week, six credits.

3. The Renaissance and the Reformation.—

PROFESSOR FUNK

This course covers the period from 1300 to 1648. The greater part of the first semester is devoted to the Renaissance and

the remainder of the year is given to the Reformation. Topical reports and a thesis are required.

One year, three hours a week, six credits.

4. The French Revolution.—

In this course the causes bringing about the fall of the Bourbons, the revolution proper and the Napoleonic era are studied.

First semester, three hours a week, three credits.

5. American History.—

PROFESSOR FUNK

1787-1850. This course is a study of the making of the constitution, the organization of the government, formation of political parties, economic and territorial expansion and the growth of national consciousness and power. Text book, lectures and collateral reading.

First semester, three hours a week, three credits.

6. American History.—

PROFESSOR FUNK

1850-1918. In this course are studied the forces which brought about the division and reunion of the nation, the period of reconstruction, and those economic, social and political events that have characterized our recent history. This is a continuation of History 5.

Second semester, three hours a week, three credits.

7. American Colonial History.—

Beginning with a background study of European conditions leading to the discovery of America, the voyages and explorations, the settlements in the colonies, this course aims to trace the development of those institutions and forces which led to American independence, and ends with a careful study of the Revolution.

First semester, three hours a week, three credits. Not offered 1919-1920.

8. The Westward Movement.—

PROFESSOR FUNK

This is a study of the westward extension of the United States and of the economic and political development resulting from this expansion.

Prerequisite, course 7, or courses 5 and 6. First semester, three hours a week, three credits.

9. Modern European History.—

PROFESSOR FUNK

From 1815 to the present time. Special attention is devoted

to the establishment of constitutional governments and the industrial evolution of this period.

One year, three hours a week, six credits.

10. History of Rome.—

A systematic study of the social and political development of the Roman nation and the causes of its downfall. Course will consist of text-book work, collateral reading and lectures. Recommended to those intending to teach Latin and History.

One year, three hours a week, six credits.

11. History of Greece.—

A study of the political and social development of the Greek states to the time of their incorporation into the Roman Empire. Special attention will be given to the permanent influence of Greek civilization. Text-book work, reading, lectures.

One year, three hours a week, six credits.

12. History of Fine Arts.—

MISS BRIGGS

A study of the development of architecture, sculpture and painting thru the various periods of ancient, medieval and modern art. An effort is made to familiarize the student with the great masterpieces by means of photographs, stereopticon lectures and visits to the art galleries in St. Paul and Minneapolis.

One year, one hour a week, two credits.

13. History of American Diplomacy.—

PROFESSOR FUNK

This is a chronological survey of the relation of the United States to foreign countries from 1776 to the present time. Text book, lectures and collateral reading.

Second semester, three hours a week, three credits.

14. The History of European Expansion.—

This course traces the exploring and colonizing activities of European nations from the end of the fifteenth century to the present, dealing with colonial policies, institutions and development. A most interesting phase of this subject is the consideration made of the reflex influence, social, economic, religious, intellectual and political upon the mother lands.

One year, three hours a week, six credits.

15. English, Social and Political History from 1660 to the Present.—

Special attention will be paid to the development of the cabinet and parliamentary system and the expansion of English world policies.

Second semester, three hours a week, three credits.

16. Historical Method.—

PROFESSOR FUNK

This course is a study of the history of history, the development of a scientific historical method. When taken in conjunction with History 10 or 11 it gives six credits in Education.

One year, three hours a week, six credits.

17. Reciprocal Influences in World Civilization.—

This is an attempt to study history from the international viewpoint, involving a consideration of the influences exerted by races upon one another; the reciprocal relations of the Orient and Europe, the reflex influences from oversea expansion upon western European nations, the Europeanization of distant countries, the civilization of America versus the world, the forces that may lead to world unity and concord.

First semester, one hour a week, one credit.

18. Latin America from 1800 to the Present.—

This course deals with the social, economic and political development of Latin America from the beginning of the nineteenth century to the present.

Second semester, three hours a week, three credits.

Home Making

ADJUNCT PROFESSOR WHITRIDGE

3. The House.—

(a) Evolution of the modern home from primitive conditions. Its object. Selection of site with regard to climate, soil, drainage and neighborhood. Location of house with regard to exposure, light and prevailing winds. Study of house plans to meet the requirements, comfort and convenience of the family for which the house is intended. Drawing of specific plans.

(b) Household Art.—

Furnishing the house from the standpoint of good taste and economy. Value of form, color, design and materials in interior decorations. Wallpapers, carpets and curtains. History of furniture. Household management.

One year, two hours a week, four credits.

4. Social Culture.—

The hospitality of the home. The forms and customs known and observed in community life.

Second semester, one hour a week, one credit.

Latin

ASSOCIATE PROFESSOR SHERO

Courses 1-2 and 17 are open without prerequisites to all students. Students who have had less than two years of Latin in high school should enter course 1-2; those who have had two or three years should enter course 3-4; those who have had four years should enter either course 5 or course 7. Courses 5 and 6 may be taken either before or after courses 7 and 8. Students who desire to be recommended by the department to teach Latin are required to have had courses 5 to 10 inclusive, and are strongly urged to take courses 11-12 and 16. Course 1-2 is not counted toward a major.

1-2. Elementary Latin.—

The content of this course corresponds to that of the first two years of high-school Latin. Elements of grammar; easy readings; selections from Caesar.

One year, five hours a week, ten credits.

3-4. Intermediate Latin.—

The content of this course corresponds to that of the third and fourth years of high-school Latin. The choice of selections to be read is made with a view to the previous reading of the members of the class.

Prerequisite, two years of high-school Latin or course 1-2. One year, four hours a week, eight credits.

5. Livy.—

Selections from Livy's account of the Second Punic War. Review of forms and syntax.

Prerequisite, four years of high-school Latin or course 3-4. Given in alternate years. First semester, four hours a week, four credits.

6. Comedy.—

Representative plays of Plautus and Terence. Collateral work on the history of the drama and the Roman theatre.

Prerequisite, course 5. Given in alternate years. Second semester, four hours a week, four credits.

7. Cicero.—

Readings from Cicero's essays and philosophical works. Review of forms and syntax.

Prerequisite, four years of high-school Latin or course 3-4. Given in alternate years. First semester, four hours a week, four credits.

8. **Horace.**—
Selections from the whole of Horace's works. Special attention is paid to literary criticism and appreciation.
Prerequisite, course 7. Given in alternate years. Second semester, four hours a week, four credits.
- 9-10. **Prose Composition and Sight Reading.**—
Prerequisite, course 5 or course 7. One year, one hour a week, two credits.
- 11-12. **Advanced Prose Composition and Sight Reading.**—
Prerequisite, courses 9-10. One year, one hour a week, two credits.
13. **Poets of the Republic.**—
Study of the poets of the republican period with reading of extensive selections from Catullus and Lucretius.
Prerequisite, courses 5, 6, 7 and 8. Given in alternate years. First semester, three hours a week, three credits.
14. **Writers of the Silver Age.**—
Study of the literature of the Silver Age with reading of selections from the more important authors, especially Tacitus and Juvenal.
Prerequisite, courses 5, 6, 7 and 8. Given in alternate years. Second semester, three hours a week, three credits.
15. **History of Latin Literature.**—
Lectures on the lives and writings of the important Latin authors, with extensive collateral reading in their works.
Prerequisite, courses 5, 6, 7 and 8. Given in alternate years. First semester, one hour a week, one credit.
16. **Teachers' Course.**—
Consideration of problems pertaining to the teaching of high-school Latin. The course is conducted by means of lectures and collateral reading.
Prerequisite, courses 5, 6, 7 and 8. Given in alternate years. Second semester, three hours a week, three credits.
17. **Roman Civilization and Its Survivals in the Modern World.**—
Illustrated lectures on the geography of the Roman world, the topography of Rome, Roman architecture, art, commerce, political institutions, law and religion, and the influence of these phases of Roman life on modern civilization. No knowledge of Latin is required.
Given in alternate years. First semester, two hours a week, two credits.

Mathematics and Astronomy

PROFESSOR KINGERY

Courses 1a and 9 are not counted toward a major or minor.

1a. Solid Geometry, Algebra and Trigonometry.—

This course is for those who present only two units in high-school mathematics.

One year, four hours a week, eight credits.

1. College Algebra.—

Graphic representation of functions, ratio and proportion, variation, theory of quadratics, progressions, series, etc.

First semester, four hours a week, four credits.

2. Trigonometry and Analytic Geometry.—

Definitions of trigonometric functions, development of formulae and their application to the solution of problems, plane and spherical. This is followed by a brief course in analytic geometry, sufficient for elementary courses in physics and astronomy.

Second semester, four hours a week, four credits.

3. Analytic Geometry.—

This is a continuation of course 2. Equations of straight lines and the principal curves and their tangents are discussed by both rectilinear and polar co-ordinates.

Prerequisite, course 2. First semester, four hours a week, four credits.

4. Differential and Integral Calculus.—

A brief study of the principles of differential calculus based on theory of limits, followed by a short course in integral calculus.

Prerequisite, course 3. Second semester, four hours a week, four credits.

5. Advanced Calculus.—

Continuation of course 4.

One year, three hours a week, six credits.

6. Surveying.—

Prerequisite, course 2. Second semester, three hours a week, three credits.

7. Advanced Algebra and Geometry.—

Intended especially for those preparing to teach.

Prerequisite, course 1. One year, three hours a week, six credits.

8. Astronomy.—

Text-book, lectures and practical work with sextant, transit and clock.

Prerequisite, course 2. One year, five hours a week, six credits.

9. Mechanical Drawing.—

A course designed for those taking shop work or preparing for technical schools.

One year, four hours a week, two credits.

The Mental Sciences and Philosophy

PROFESSOR ANDERSON

1. Psychology.—

An introductory course covering the main features of normal human psychology:

(1) A brief introduction in experimental work, intended to accustom the student to introspective study and to give him an insight into the methods of modern psychological investigation.

(2) A survey of the more prominent aspects of the conscious life. This part opens with a synopsis of the nervous mechanism and is followed by a consideration of the sensations, perceptions, affections, memories, judgments, etc. The work is carried on by means of text-books, collateral readings, lectures, observations by the student, and experiment. Required in all courses.

First semester, three hours a week, three credits.

2. Ethics.—

This course begins with an historical sketch of ethical theories and of the conceptions of life that have been held. Next, the psychological facts and the philosophy of ethics are investigated in order to gain an adequate basis for ethical theory. Finally, the problems of practical ethics are taken, particular consideration being given to certain of them, which are now occupying the thoughts of men. The attempt is made in this course to develop a system of thought that does justice to Christian motive and doctrine and is, at the same time, based upon a proper scientific and philosophical basis. Required in all courses.

Prerequisite, course 1. Second semester, three hours a week, three credits.

3. Logic and Scientific Method.—

This is a study of the instruments of thought and investigation and of the methods and tests of proof. Aside from the culture aspect of the study, it is of interest to the student of

science, as elucidating the procedure of science; it is of interest to the student of oratory and literature, as forming the basis of all plans and methods of procedure in exposition and argumentation; it is of value to the teacher, since it furnishes the analysis of teaching methods from the content side, just as psychology does from the conscious side. In order to make this discipline as valuable as possible, logical definition and division receive attention, and their relation to literary work is shown. Much attention is given to fallacies and the analysis of fallacious reasoning. The use of hypothesis, analogy and probability, and the methods of scientific experiment and verification are explained and illustrated. Thruout extensive use is made of practical exercises in order to fix principles and develop ability to use them.

Prerequisite, twenty-four credits. One year, two hours a week, one of which is used as a laboratory hour; three credits.

4. **Advanced Psychology.**—

The first part of this course requires a more thoro survey of the ground covered in course 1. The second part is a brief study of social and child psychology. This prepares the way for the third part of the course, the application of psychology to the problems of the day, chiefly those of education.

Prerequisite, course 1. One year, three hours a week, six credits.

5. **Advanced Logic and Scientific Method.**—

A course covering the same general ground as course 2, but much more thoroly. It consists of two parts:—

(1) Formal logic, with a closer study of logical theory and concepts, modal propositions, etc. With it will be given a brief course of lectures on genetic logic.

(2) Scientific method. A more complete study of the methods of science, including statistics, probability, etc. As a part of this course will be included a brief course of lectures on the history of science.

Collateral readings are required on the methods and aims of science as stated by distinguished men of science themselves.

Prerequisite, course 2. One year, two hours a week, four credits.

Philosophy seeks a consistent view of the world and of life; it seeks the meaning to life and reality. It is cultural in character; it would correct the one-sidedness of the mere specialist

and correlate the results of general study. The four courses in philosophy which follow are arranged in two pairs offered in alternate years. The student may begin with either pair.

10. History of Philosophy, Ancient and Medieval.—

Beginning with the early Greeks, this course follows the course of philosophic thought down to the period of Bruno, with the purpose of noting the development and relationships of the chief philosophical concepts. Attention is concentrated upon the leading thinkers and on the movement of thought. Collateral readings in Plato and Aristotle are required.

Prerequisite, fifty-four credits, unless by the approval of the instructor. First semester, three hours, three credits.

11. History of Philosophy, Modern.—

Continuing the preceding: from Bruno to the present time. Constant use of Rand's classical Modern Philosophers is made for collateral reading.

Prerequisite, seventy credits, unless by the approval of the instructor. Second semester, three hours, three credits.

12. Modern Philosophy.—

(a) Introduction to Philosophy. The purpose is to bring before the student the chief problems of philosophy, to exhibit in outline the courses of argument by which various views are supported, and to formulate some positive views respecting the problems of the world that confront us.

(b) The latter part of the semester will be given to the study of some modern thought movement. Next year it will consist of a study of Pragmatism, as formulated by James and others.

Prerequisite, sixty credits, unless with the approval of the instructor. First semester, three hours, three credits. Not offered 1919-1920.

3. Modern Philosophy (continued).—

The course here offered will take up one or more of the most important modern systems of thought. It will be both expository and critical. Next year the work offered will be in the philosophies of Eucken and Bergson. The course will require collateral readings and comparative studies in other philosophers.

Prerequisite, course 12. Second semester, three hours a week, three credits. Not offered 1919-1920.

Modern Languages

ASSOCIATE PROFESSOR PASMORE AND ADJUNCT PROFESSOR
CHALFANT

German

ADJUNCT PROFESSOR CHALFANT

- 1-2. **Elementary German.**—
Essentials of grammar, reading, conversation. This course is intended for students who have had no German.
One year, five hours a week, ten credits.
3. **Intermediate German.**—
Reading of prose and the easier dramas of Schiller and Lessing. Review of grammar; composition; conversation.
Prerequisite, course 1-2 or two years of high school German. One year four hours a week, eight credits.
4. **Modern Prose and Drama.**—
General reading course.
Prerequisite, courses 1-2 and 3 if the language was begun in college. Those presenting three years of high school German may either elect this course or one of courses 5, 6, 7, 12. One year, three hours a week, six credits.
- 5.* **Reading of selections from the epic in a modern German translation, followed by a rapid reading of Wagner's Der Ring der Nibelungen. Lectures on the interpretation of the mythology of both.**
Second semester, three hours a week, three credits.
6. **Survey of German Literature.**—
A general survey course up to the classic period; readings and reports.
One semester, three hours a week, three credits.
7. **Lessing.**—
A brief study of his life and times and the reading of at least two of his important works.
First semester, three hours a week, three credits.
8. **Schiller.**—
A rapid survey of his life and the reading of several of his dramas and his most important poems.
Second semester, three hours a week, three credits.

9-10. Goethe.—

His life, especially as reflected in his works; the reading of several of his dramas and most important of his philosophic poems and lyrics. (First semester.)

Faust, First Part and selections from the Second Part. (Second semester.)

One year, three hours a week, six credits. Junior or senior year. Courses 7 and 8 should precede.

11. Composition and Teachers' Course.—

Advanced syntax and practical composition; conversation. In the second semester a sufficient amount of time will be devoted to methods of teaching, text books, phonetics, etc. Required of all those who desire to teach German; with others optional.

One year, three hours a week, six credits. Senior year preferred.

12. German Poetry.—

This course deals only slightly with the theory of poetry; its main emphasis is upon the actual reading of the best German poetry.

First semester, three hours a week, three credits.

*Courses 5-12 are electives (see also course 4). Consult instructor before electing. A teaching major in German consists of at least 24 hours and the work should be continuous thruout the four years.

French

ASSOCIATE PROFESSOR PASMORE AND ADJUNCT PROFESSOR CHALFANT

1-2. Elementary French.—

Essentials of grammar, conversation, reading of easy texts, memorization of a few short poems, and dictation. This course is intended for those who have had no French.

One year, four hours a week, eight credits.

3. French Readings.—

Brief review of French grammar. Composition, conversation, and the reading of a number of nineteenth century French texts.

Prerequisite, course 1-2 or two years of high school French. One year, three hours a week, six credits.

4. Survey of French Literature.—

A course based on some elementary history of French literature like Pellissier's or Doumic's, with readings of extracts and a

few entire works from the most important French writers. Lectures, outside readings, and reports.

Prerequisite, course 3 or an equivalent. One year, three hours a week, six credits.

5. French Novel.—

A brief survey of French fiction from the beginning, and special attention to French romances and novels from the seventeenth century on. Text used, Morrillot's *Le Roman en France*. Lectures, outside readings, reports.

Prerequisite, course 4. One year, three hours a week, six credits.

6. French Drama.—

A course based on Petit de Julleville's *Le Theatre en France*. Lectures, outside readings, reports.

Prerequisite, course 4. One year, three hours a week, six credits.

7. Teachers' Course.—

Phonetics, advanced grammar, practical composition and conversation. Discussion of texts, reference books, journals, etc., and methods of teaching. Required of all who wish to teach French; optional with others. This course should be taken in the senior year.

One year, three hours a week, six credits.

8. French Poetry.—

A study of prominent works of important French poets, and of French songs, combined with a brief treatment of French verse structure. Lectures, readings, reports.

Prerequisite, course 3 or an equivalent. One year, three hours a week, six credits.

9. French Classics.—

Study and discussion of masterpieces of French literature from the seventeenth century on, of one or more writers of each century. Lectures, readings, reports.

Prerequisite, course 4 or an equivalent. One year, three hours a week, six credits.

A major in French requires continuous work in the language thruout the college course, unless French is presented upon entrance. A teaching major, however, must not be less than twenty-four hours. It is highly desirable that Latin be presented as a basis for French.

Spanish

ADJUNCT PROFESSOR CHALFANT

1. Elementary Spanish.—

Grammar, composition, conversation, reading.

One year, four hours a week, eight credits.

2. Intermediate Spanish.—

Conversation, composition and readings based largely upon Latin American literature. Business correspondence, reports from Spanish periodicals, etc.

One year, three hours a week, six credits.

It is very desirable that students electing Spanish shall have had Latin at least, and, if possible, French.

Spanish may be applied toward a major in French.

Music

MR. PHILLIPS, MR. FAIRCLOUGH, MISS KAY AND MISS BRIGGS

Music may be chosen as a major or minor. The maximum number of credits permitted in such work is thirty-two. Not more than eight credits in practical music (voice, organ, piano, violin), will be allowed upon recommendation of the faculty of the Conservatory of Music after a sufficient amount of harmony (usually two years) has been completed. Of the twenty credits required for a major, eight credits in harmony and two credits in Physics 6 must be obtained. Of the twelve credits required for a minor, six must be obtained in theoretical music; and of these two in harmony and two in appreciation are required.

The special fees for courses in music must be paid by the student except in courses 1, 7, 9 and 10.

1. Elementary Harmony.—

The work of this year will include all triads, seventh chords, cadences, modulation and suspensions.

One year, two hours a week, four credits.

2. Advanced Harmony.—

This is a continuation of the first year's study for greater proficiency in the use of the material. The student will compose and have a great deal of practice in transposing pieces heard but once. Memorizing will be an important feature of the work.

One year, two hours a week, four credits.

3. Counterpoint.—

Simple counterpoint beginning with two, three and four-part writing in one, two, three and four notes against one is studied first, followed by syncopated and florid counterpoint with special stress on the latter used in three and four parts.

First semester, two hours a week, two credits.

4. Elementary Composition.—

This course is an introduction to the art of composition, with original work in the simpler forms, instrumental and vocal. Facility and clearness in the use of original musical ideas expressed through modern harmony and counterpoint are sought. The student is expected to accomplish work of sufficient merit for public performance.

Second semester, two hours a week, two credits.

5. Composition and Orchestration.—

A course in original composition. Instrumental and vocal compositions of simple and complex forms: (a) In the strict classical forms from song to sonata in homophonic and polyphonic style; (b) In the free forms, applying modern means of harmonization, modulation and imitation; (c) Orchestration. This work must have sufficient merit for public performance.

One year, two hours a week, four credits.

6. Public School Music.—

For a detailed description of this course see Conservatory of Music.

Two years, two hours a week, eight credits.

7. History of Music.—

A study of the beginnings of music through the classical period, including the history and development of instruments. The college library has a good collection of reference works on music and our students have access to the fine collections in the public libraries of the Twin Cities.

One year, two hours a week, four credits.

8. History of Music.—

This is a continuation of Course 7, studying the development of music from the Romantic period to our own day. By means of the talking machine, records of many operas, oratorios, symphonies, songs and piano compositions are studied.

One year, two hours a week, four credits.

9. Appreciation of Music.—

This is a study of the form and meaning of music. A preliminary study of the instruments of the orchestra is given preparatory to the concerts of the Minneapolis Symphony Orchestra.

First semester, two hours a week, two credits.

10. Appreciation of Music.—

This is the continuation of Course 9 and is devoted to a thorough study of romantic and modern forms since the time of Beethoven.

Second semester, two hours a week, two credits.

11. Normal Training for Piano Teachers.—

(a) Course for advanced and senior students, who, tho good performers, are not prepared for the art of teaching.

(b) Course for young teachers requiring a more complete knowledge of modern piano teaching methods and material. See Conservatory of Music for further details.

One year, two hours a week, four credits.

Physics

PROFESSOR ALEXANDER

Course 1 is not counted toward a major.

1. Short Course.—

This is a short course which covers the entire subject in one year. Demonstrations in connection with the lectures are substituted for a considerable amount of the individual laboratory work that is done by the student in the long course, and some of the more technical features of the subject that are not of general importance are omitted. The aim is to offer a thoro year's work in the general principles of physics to those who are taking courses which will not permit them to take the regular long course in the subject. It is recommended only to those who are taking classical or literary courses, or a two-year course in preparation for some school of medicine.

Prerequisite, Mathematics, course 2. One year, six hours a week, eight credits.

2. Mechanics, Sound, Heat.—

This course includes a thoro study of mechanics, sound and heat. A large part of the time is spent in laboratory work and the student's conceptions of physical laws are developed as largely as possible from observation and experiment. About forty quantitative experiments are performed by each student in the laboratory, the aim being to afford a working knowledge of modern measuring instruments of precision and to develop

quantitative methods, as well as to discover and verify the laws of nature. Careful attention is given to the problem of the errors in measurement, the student being required in each case to consider the origin of the errors and methods for their elimination and to compute the probable errors of observations and results.

Prerequisite, Mathematics, courses 1 and 2. One year, six hours a week, eight credits. Not offered 1919-1920.

3. Electricity and Light.—

This course includes a thoro study of electricity and light. Forty experiments are performed, thirty-five of which are in electricity, giving the student an opportunity to familiarize himself with electrical measuring instruments. The work in light includes measurements with the photometer, spectrometer and interferometer.

Prerequisite, Mathematics, courses 1 and 2. One year, six hours a week, eight credits.

Courses 2 and 3 together constitute what is termed the long course in physics and are designed especially to meet the needs of students taking a scientific course. These two courses together with Physics 5 should be taken by students preparing to teach physics in secondary schools.

4. Advanced Physics.—

In this course a thoro study is made of some topic approved by the head of the department. The work is largely individual and experimental. The aim is to deepen rather than to broaden the student's knowledge of the subject and to cultivate a taste for research. Those who major in physics are required to take this course as a basis for their theses.

Prerequisite, course 2 or 3. First semester, four hours a week, two credits.

5. Laboratory Technic.—

In this course a study is made of the design, construction, operation and repair of the more elementary laboratory apparatus and of the use and manipulation of laboratory materials. The aim is to afford those students who are preparing to teach physics a practical working knowledge of the physical laboratory.

Prerequisite, course 1, 2 or 3. Second semester, four hours a week, two credits.

6. This course includes a study of the mechanics of sound, particularly wave motion, interference, resonance and quality. Also the development of the diatonic and tempered scales and the construction and theory of the common musical instruments.

One semester, three hours a week, two credits.

7. This is a lecture and demonstration course covering the most important and interesting phenomena of physics. No quantitative work is attempted that requires advanced mathematics. The aim is to lead the student to an appreciation of natural law by deductions made from qualitative observations.
One year, three hours a week, four credits.

Applied Mechanics

PROFESSOR ALEXANDER

The Department of Education of the State of Minnesota has approved the courses offered at Macalester in the department of applied mechanics, and has certified that students who have completed the work in that department are eligible to teach in the high schools of the state.

1. Elementary Applied Mechanics.—

This is essentially a general culture course in the applied mechanical principles. The work covers a study of the principles involved in modern methods of wood-working and the use and adjustment of wood-working tools; a study of the principles involved in working the various metals and of metal-working tools. The work in metals includes soldering, brazing, forging and the casting of brass and aluminum. For the latter work simple patterns are made in the pattern shop which, with the setting and pouring, introduces the student to the general principles underlying foundry work. The development and transmission of power, including steam and gas engines, water power, dynamos and motors is given considerable attention. The study of the mechanical principles is illustrated by practical exercises involving their application to modern methods. The object is to lead the student to an appreciation of the modern mechanical world, its methods and processes.

One year, five hours a week, six credits.

2. Manual Training, Teachers' Course.—

This course is designed for students who are preparing to teach manual training. It includes a short study of the history and development of the manual training idea in education; the development of a progressive set of exercises each one of which

must be executed and submitted for criticism accompanied by a paper explaining the object of the exercise, the connection with preceding exercises and the points that will appeal to the pupils' interest and stimulate creative thought; visits to manual training and other shops in the Twin Cities.

Prerequisite, course 1 or its equivalent. One year, four hours a week. four credits.

Religious Education

Bible Training

On the John C. Martin Foundation

PROFESSORS WALLACE, McRAE, ANDERSON AND WILLIAMS

The great importance of moral and religious training finds, in all our colleges, increasing recognition. Intellectualism alone has proved utterly inadequate for the individual, society and the nation. Knowledge and efficiency can not safely be made the ultimate aim of education. A much more vital and important consideration is, what are the ends which knowledge and efficiency must be made to serve.

In any complete system of education the spiritual nature of man and his chief end in life must be amply recognized. The best known means for the cultivation of this nature and for the discovery of this chief end is found in Christianity, in the central figure of all history—Jesus Christ.

Every educated man and woman should have, must have, a true philosophy of life and we believe that such philosophy is found in the Christian view of God and of the word as presented in the Holy Scriptures.

For the above reasons Macalester has made large provision for the religious training of her students.

Besides its required courses for all students this department offers elective and advanced courses for students wishing to prepare themselves for other forms of Christian service besides the gospel ministry.

The church, as well as the world, has entered on the era of the laity. Christianity is girding itself for the conquest of the world. Her call for leaders and workers of all sorts is louder and more

engaging than ever before. The world is white unto the harvest and the reapers include not only preachers and evangelists but missionary teachers, missionary physicians, settlement workers, pastors' assistants, secretaries of Young Men's and Young Women's Christian Associations, trained Sunday school organizers, and lay workers generally.

To students training for any of these vocations the college offers special advantages. Open to them is instruction in many subjects essential to thoro preparation for any of the above forms of Christian activity, such as languages, science, literature, philosophy, history, ethics, sociology, elocution, music.

Courses 1, one semester, and 2 are not counted toward a major or minor.

1. The Life of Christ.—

PROFESSOR WALLACE

(a) This is studied by means of a harmony of the gospels. By way of introduction, attention is directed to the political and religious condition of the time and to the characteristics and viewpoint of the gospel writers. By discriminating discussion of the teachings of Christ and a realistic presentation of the facts and incidents of His life an effort is made to deepen personal faith in Christ as the Savior of men and to bring the student into appreciation of Jesus as the master teacher of all time.

Required of freshmen, first or second semester, two hours a week, two credits.

(b) Continuation of (a).

Elective, second semester, to students having completed (a), two hours a week, two credits.

Students who are already fairly familiar with the gospels or who for any reason prefer to do so, may, in lieu of the above, take Old Testament History. See 9.

2. The Missionary Labors of the

Apostles.—

PROFESSOR WALLACE

These studies are based on the Acts of the Apostles and in part on the New Testament Epistles. The external and internal growth of the early church is carefully traced and the whole movement is viewed as a continuance of the work of Christ thru the agency of the Holy Spirit and of His inspired apostles. The authorship and credibility of the Acts,

its teaching concerning Jesus, the Holy Spirit, and the organization of the early church receive special attention.

Required of sophomores, one year, one hour a week, two credits.

3. **Prophets of Israel.**— PROFESSOR MCRAE
This course consists of a thoro study of the prophets, their place in the community, their functions and their messages. It is pursued inductively from the Bible text with the object of acquainting the student as fully as possible with the foreshadowings of the Christ. All the Messianic passages are carefully analyzed with reference to their historical background and in the order of their development.

One year, two hours a week, four credits.

4. **The Literary Study of the Bible.**— PROFESSOR WALLACE
This course includes a careful study of the Bible, viewed as literature. The rhetorical characteristics of the Hebrew language and the various literary forms of the Bible are closely examined. This done, various parts of the Bible best illustrating these forms and characteristics are critically studied and drawn out in their proper literary form. As sound literary criticism is based on a thoro study of the thought and thought-connections, the literary study of the Bible proves in practice a very valuable aid to interpretation. It is for this reason, especially, that it is included in the course. The text book used as a basis is Moulton's *Literary Study of the Bible*, and special study is made of the book of Job, certain of the Psalms and selections from the prophets.

Prerequisite, courses 1 and 2. One year, two hours a week, four credits.

5. **The Social Teachings of the Bible.**— PROFESSOR MCRAE
This course includes a survey of the social teachings of Christ, the apostles, the prophets and the Mosaic code. The object is to form a just estimate of the social message of the Bible and to apply, as far as may be, its social principles to the solution of current social problems. It is based mainly on Josiah Strong's *Studies in Social Christianity*, supplemented by wide collateral reading in the works of Raushenbush, Peabody, Mathews, Schenck, Brace, Keble (collection of lectures) and other works that seek to interpret and apply the social message of Christianity.

Prerequisite, courses 1 and 2. One year, two hours a week, four credits.

- 6. Inter-Testament History.**— PROFESSOR WALLACE
 This course is intended (1) to trace the history of the Jews from Malachi to John the Baptist under the Persians, Greeks, Maccabees and Romans; (2) to trace the rise of the various Jewish sects. A knowledge of the outward political fortunes of the Jews, as well as the movement of Jewish thought in this period is of great importance for an intelligent understanding of the ministry of Christ and His apostles.
 Prerequisite, courses 1 and 2. Second semester, two hours a week, two credits.
- 7. Oriental History contemporary with the Old Testament.**— PROFESSOR WALLACE
 This course includes (1) a study of the history and religion of Babylonia, Assyria and Egypt; (2) the relation of this material to the explication of Old Testament history. The course is based on the histories of Winckler, Rogers, McCurdy and others.
 Prerequisite, courses 1 and 2. Second semester of alternate years, two hours a week, two credits.
- 8. Biblical Pedagogy and Sunday School Work.**— PROFESSOR WALLACE
 This course includes: (1) a study of Jesus as a teacher—a careful consideration of the question, What made Him the Master Teacher of all time?—His mastery of the technique of educational methods as illustrated in the four Gospels; (2) methods of Bible study, teaching and of Sunday school work; (3) the influence of Christianity on the world's education. It is based mainly on the Master and His method (Griffith-Jones), Jesus as a Teacher (Hinsdale), The Making of the Teacher (Brumbaugh), Teacher Training with the Master Teacher (Beardslie), supplemented by lectures.
 Second semester, two hours a week, two credits.
- 9. Review of Old Testament History.**— PROFESSOR WALLACE
 This is offered in lieu of course 1 to college students who have had little or no opportunity of pursuing a consecutive study of Old Testament history before entering college. The history of Israel is pursued from the founding of the kingdom under Samuel till the fall of Jerusalem, by close consecutive study of Samuel I and II, Kings I and II, Ezra and Nehemiah.
 One year, two hours a week, four credits. Elective either semester.

- 10a. Apologetics.**— PROFESSOR MCRAE
A brief exposition of Christian theism. History of the presentation and defense of Christianity with special emphasis on the important episodes from the time of the early contact with Greek philosophy down to the modern adjustments with natural sciences, philosophy, sociology, and comparative religion. An analysis of the changing elements and the permanent elements in the various methods of commending the Christian religion.
First semester, three hours a week, three credits.
- 10b. Comparative Religion.**— PROFESSOR MCRAE
A study of the great religious systems of the world including Hinduism, Buddhism, Zoroastrianism, Confucianism, Taoism, Shintoism and Islam; with readings from the sources. An analysis of the elements common to these systems and Christianity, and of the elements that are peculiar to Christianity. An examination of certain modern cults that have borrowed extensively from one or more of the above systems.
First semester, three hours a week, three credits.
- 11. Philosophy of Religion.**— PROFESSOR MCRAE
This course is supplementary to the courses in apologetics and comparative religion. It treats of the philosophical foundation for the validity of religious faith; nature and the supernatural freedom; personality; spiritual values; the highest good—all with special reference to Christianity and the Christian world view.
Second semester, three hours a week, three credits.
- 12. International Lessons.**— PROFESSOR WALLACE
A course in the International Sunday School lessons. The aim of this course is to study the setting of the lesson, make careful analysis of the materials and discuss the pedagogical teaching of the lesson.
One year, one hour a week, two credits.
- 13. Missions.**— MRS. WILLIAMS
(a) The Home Base and Latin America—deals with the responsibility of the church to foreign missions—resources, aims, methods and educational policies. The study of Latin America includes the character of the countries, races, languages, religions, problems of its statesmen, explorations,

international and immigration relationships, and missionary enterprises. Lectures and textbooks.

First semester, two hours a week, two credits.

(b) Africa—includes the study of the continent, races, languages, explorations, political divisions, international relationships, bearing on world questions, educational and religious enterprises. Lectures and textbooks.

Second semester, two hours a week, two credits.

14. The Bible by Periods.— MRS. WILLIAMS

This course is a study of the Bible based on Sells' "Bible Study by Periods" and the Bible text, designed to give to the student a grasp of Bible content; the great epochs, their meanings, how and why they follow each other and their purposes; and an understanding of God's progressive plan to reveal himself to the world.

One year, two hours a week, four credits.

15. Hebrew.—

If there is sufficient demand for it, instruction will be given in the elements of Hebrew.

16. Lecture Course in Bible Survey.— MRS. WILLIAMS

This course, as its name indicates, is a lecture presentation of the entire Bible, in outline, and intended to give a grasp of the continuous plan of revelation.

Prerequisite, fifty-four credits. Second semester, two hours a week, one credit.

Other courses for which credit is given in the Bible Training Department are:—

- Greek 9, Greek Testament.
- Mental Science and Philosophy 2 and 11.
- History 3, The Reformation Period.

Equipment.—This department is equipped with

1. The Kent and Madsen wall maps.
2. The large relief map of Palestine, 8 x 5 feet, published by the Palestine Exploration Society of London.
3. The relief map of Jerusalem and its environs, 4½ x 4 feet.
4. A missionary map of the world, 5 x 9 feet.
5. A chart, 22 x 3 feet, of ancient synchronological history.
6. Religious literature embracing over one thousand volumes.
7. The Thompson Reflectoscope and Stereopticon.

Social and Political Science

PROFESSOR DAVIS

The aim of this department is to acquaint the student as far as possible with the whole field of social life and activity.

All the courses may be counted toward a major or minor except 1 and 11, which can only be counted toward a minor. Only three credits will be allowed for courses 1 or 11 if taken in the senior year.

A. Sociology

1. General Principles.—

Under this head are included the history, various theories and principles of the science. Important aims are to show the extent of the field, to arouse an interest in the study, and to correct methods of sociological investigation.

First semester, four hours a week, four credits.

2. Modern Social Problems.—

A study of the family, growth of population, the modern city, crime, poverty, etc. Much attention will be paid to methods of social relief.

Prerequisite course 1. Second semester, three hours a week, three credits.

3. History of Socialism.—

This course will include, (1) the social views of the ancient nations; (2) the ideal republics from Plato down to the present; (3) modern socialistic schemes.

Prerequisite, course 1. Second semester, three hours a week, three credits.

4. Social Psychology.—

A study of suggestibility, instinct, feeling, sympathy, imitation, conventionality, the crowd, public opinion, etc.

Prerequisite, course 1. First semester, three hours a week, three credits

8. Anthropology

B. Economics

11. General Principles.—

A general survey is taken of the history, theories and generally accepted principles of the science. The latest edition of "Outlines of Economics," by Ely, will be used, supplemented by collateral studies in Adam Smith, Mill, Ricardo, Taussig, etc.

Second semester, four hours a week, four credits.

12. History of Economic Theory.—

This course will trace the development of economic thought in the principal nations of Europe and America, especially in relation to philosophy and conditions of environment. The histories of Haney, Ingram and Gide will be used for reference.

Prerequisite, course 11. One year, three hours a week, six credits.

13. Financial History of the United States.—

An historical study of public revenues and expenditures, of public debts and of currency and banking in the United States. Special attention is paid to government reports.

Prerequisite, course 11. Second semester, three hours a week, three credits.

14. Business Organization.—

A study of the evolution and nature of business organization, particularly in the United States, and of proposed solutions for the corporation and trust problems.

Prerequisite, course 11. First semester, three hours a week, three credits.

15. The Credit System.—

A study of the present forms of credit and their social and economic significance.

Prerequisite, course 11. First semester, three hours a week, three credits.

16. Elements of Bookkeeping and Accounting.—

One semester, five hours a week, three credits.

17. Economic History of the United States—

An historical study of American agriculture, commerce, transportation, industry and finance.

First semester, two hours a week, two credits.

C. Political Science**31. Elements of Political Science.—**

The aim is to trace clearly the great and distinctive features in the governments of Europe and of the United States.

Prerequisite, course 1. Second semester, three hours a week, three credits.

32. The Progress of Democracy.—

A study in the historical development of democracy from the standpoint of industry, of politics, and of education.

Prerequisite, course 1. First semester, three hours a week, three credits.

D. Legal Science

41. Roman Private Law.—

The object is to acquaint the student with (1) the origin and development of Roman law; (2) its relation to modern systems of State Law.

Prerequisite, course 1. First semester, three hours a week, three credits.

42. International Law.—

A brief course in the outlines of this important subject, offered to meet the increasing interest in international questions.

Prerequisite, course 1. Second semester, three hours a week, three credits.

43. Elements of Jurisprudence.—

Holland's "Jurisprudence" is used. The general subjects considered are Laws and Rights, Private, Public and Adjective Law, the object being to acquaint the student with the principles of fundamental law in their historical development and their practical application to the several phases of social life.

Prerequisite, course 41. Second semester, three hours a week, three credits.

Vocation

PRESIDENT BESS AND MRS. BESS

The aim of this department is to acquaint students with the elemental laws and data of vocation, modern efficiency and personal, vocational and psychological development, and to teach them how to find themselves.

1. **Vocational Fundamentals.**—The following divisions of the subject will be included in this course: (a) a survey of the general field of vocational and life development. (b) lectures and experiments in methods of study to establish the habits of work for vocation and life. (c) lectures and surveys about college life as applied to the laws of occupation and career. (d) study of vocational and life charts. (e) expository themes to study and record student traits.

First semester. Required of freshmen, two hours a week, two credits

2. **Vocational Development.**—The following divisions of the subject will be included in this course: (a) the history of vocational guidance. (b) requirements and characteristics

of various vocations. (c) lectures on the knowledge of human nature, and practical experiments in management. (d) occupational research with experimental psychology applied to vocation and personal efficiency. (e) success principles, biography and literature. Reference readings. (f) modern personal, professional, industrial, business and institutional efficiency. (g) psychological tests conducted in the department of psychology, the data to be used with students in this course. (h) estimate and gradings of general traits of students in this course by professors in all departments of the college used as partial data for guidance. (i) personal conferences for the study of each student, and experiments to develop traits for vocational and personal fitness.

Prerequisite, twenty-four credits. One year, two hours a week, four credits.

Physical Education

(Men)

ADJUNCT PROFESSOR MCCALLUM

All men students registering for the first time are required to report to the Physical Director within two weeks from the opening of the college session for assignment to the proper work in athletics and their registration will be regarded as provisional until this requirement is met.

1. Personal Hygiene.—

A study of the biological and physiological aspects of the growth and development of the body. Besides taking up the general study of the hygiene of the different organs, special attention will be paid to the relation of exercise and physical training to the laws of health and physical development. A part of the time will be devoted to the study of the various corrective measures that are practical in overcoming defects in growth and improper functioning of the different organs. This is a text book course.

First semester, one hour a week, one credit on completion of course 2
Required of all men of the freshmen class.

2. Physical Training.—

Light apparatus, calisthenics, gymnastic games in which individuals will be given an opportunity to lead and conduct classes under supervision. Those who care to do so will be given an opportunity to take up the heavier apparatus work and

tumbling. Required of freshmen and sophomores from Thanksgiving to Easter.

Two hours a week, no credit.

3. Coaches, or Teachers' Course.—

For those upper classmen who expect to teach and have the supervision of athletics or physical training in high schools. All of the common athletic games will be taken up with the idea of their adaptation to the needs of those of high school age.

(Women)

ADJUNCT PROFESSOR WHITRIDGE

1. Personal Hygiene.—

Short talks on the functions of the skin, the physiologic effects of water, hot and cold; bathing; care of the face; care of the hair, the hands, the feet; care of the mouth and teeth and their relation to good digestion; over-eating and intestinal indigestion; fresh air; ventilation of bedrooms; care of the ears, throat and nose; deep breathing; the foot and the shoe; dress.

2. Physical Training.—

1. Corrective exercises.—Walking, standing and sitting. Elementary work in stall bars, Indian clubs, bar bells, and bounding balls.

2. Parallel bars, ladder and incline rope.

3. Folk dancing.

Required, freshmen, one year, two hours a week, one credit.

Reserve Officers' Training Corps

CAPTAIN EVERETT E. BROWN, INFANTRY, U. S. A.

Professor of Military Science and Tactics

Thru the recognition extended by the War Department for the establishment of a Reserve Officers' Training Corps, Macalester College has added to its curriculum a Department of Military Science and Tactics.

The work therein is under the instruction and immediate supervision of an Army officer detailed by the War Department as Professor of Military Science and Tactics.

The full course of training extends thruout the four collegiate years, only the first two of which are compulsory for men, with a minimum of three hours a week.

As stated in the War Department order which prescribes the regulations governing the establishment and maintenance of the Reserve Officers' Training Corps, the primary object is "To qualify, by systematic and standard methods of training, students at educational institutions for Reserve officers."

The training is essentially military but so arranged and so conducted as not only to prepare the student as a Reserve officer, capable of intelligent leadership in times of national emergency, but to better fit him both physically and mentally in conjunction with his other college work, for active participation in the affairs of life whether in military or civil pursuits.

For Infantry units of the Senior Division, as in Macalester College, the initial training schedule includes physical drill, infantry drill in close and extended order, range and gallery practice, bayonet and first-aid instruction, map reading, and studies and lectures on such topics as the military obligations of citizenship, the general military policy of the United States, sanitation, personal hygiene, rules of combat and other kindred subjects.

In entering the R. O. T. C., the student is put only to the additional expense of providing himself with text books such as for any other course in the college and a majority of these are obtainable thru government agency. The government furnishes complete uniform and equipment necessary for the training course without cost to the student. In addition, those who have completed two collegiate years of training and have been selected by the president of the institution and the professor of military science and tactics, and who agree to continue the prescribed course to completion of the four collegiate years, may draw commutation of subsistence at a rate not to exceed the cost of the garrison ration. At the present time this commutation is fixed at forty cents a day.

**Macalester College
Conservatory of Music**

N. W. Phone, Midway 2656
Wallace Hall, Summit and Macalester Avenues

HARRY PHILLIPS
Director of Conservatory

MABEL R. REED
Secretary

Faculty

HARRY PHILLIPS, Mus. M., Director*
Voice Culture.

GEORGE HERBERT FAIRCLOUGH,* Mus. M.
Piano, Organ, Theory.

GEORGE KLASS*
Violin.

HELEN E. BRIGGS,*
Piano, Normal, History of Fine Arts.

ANNA D. McCLOUD*
Voice.

EMILY GRACE KAY,*
Piano, Public School, Harmony, History, Appreciation.

MARGARET HICKS, †
Piano.

LOUIS JACOBI, †
Violin.

MYRTLE WEED, †
Piano.

MABEL R. REED, †
Piano

MARGARET MOUNT, †
Assistant in Piano.

LEONARDO DE LORENZO,*
Flute.

J. GRANT DENT, †
Cello.

EMMA GREENE, †
Guitar, Banjo, Mandolin, Ukulele.

Leading instructors for all other instruments.

*American and European education.

†American education.

Course of Study

The Conservatory of Music offers a thoro course of instruction in voice, piano, organ, violin and other stringed instruments; also a theoretical course including harmony, counterpoint, composition, musical history and analysis. In each branch of musical study a systematic course, leading to graduation, will be pursued. Time required for completion varies—the length of course depending on the pupil's ability and intelligent devotion to work.

Entrance.—Pupils who expect to graduate must enter at the beginning of the school year. Those not wishing to graduate may enter at any time in the year.

Upon entrance pupils are examined, classified and placed in their fitting grade, by the director.

Teacher's Certificate.—Teachers' certificates will be given to all pupils who have taken the Normal course and completed the junior year in full to the satisfaction of their individual teachers.

Diploma from the Conservatory of Music.—A student, to receive a diploma, must have completed the work of the senior year in full, written a graduating thesis, given a whole or such part of a program as the director may decide upon, and taken part in the graduating program of the Conservatory of Music.

Diploma with the Degree of Bachelor of Music.—Candidates for the degree of Bachelor of Music are required to take at least fifty semester hours of strictly college work (including history of art and physical training) and at least seventy hours of music. All college entrance requirements must be met and the credits for them presented to the Registrar of the College. Exceptions to the general graduation requirements, in the case of candidates for this degree, are a requirement of eight credits in religious education and of at least two years of a modern language in college. Such as have no modern foreign language upon entering must take three years of such language in college. Students electing Voice are strongly urged to take two years each of French and German.

The following college subjects are required for this degree: English, six credits; Religious Education, eight credits; Modern Foreign Language, fourteen credits (if deficient at entrance, three years); History of Art, four credits; Physics 6, two credits. In addition to the above required credits, electives sufficient to make a total of fifty credits.

Music subjects are required as follows: Harmony, Counterpoint, Composition, and Orchestration, sixteen credits; History of Music, eight credits; Appreciation, four credits. In addition to the above there are required a major of twenty credits, and a minor of twelve credits. Electives may be chosen from Voice, Organ, Piano, Violin, Public School Music, to complete the requisite number of credits.

In order to make such a course profitable, it is naturally required that the student give evidence at entrance of a sufficient preparation in some branch of music.

Special courses are offered those living in the city who do not wish to take the regular course.

Standardization of Music Teaching.—Macalester Conservatory, after thoro investigation, has adopted the Godowsky Progressive Series of Music Lessons, now being used by 4,000 educational institutions, conservatories and music teachers of America, as the standard for music credits. A number of states have placed music study, when carried on systematically, on an equal basis with the study of all other branches of learning and allow it full credit.

In 1916, the Cornell University Official Announcement stated: "Standardization of music teaching and of credits for the study of music, are subjects receiving attention by the educational authorities throuth the country. It will soon be the rule, rather than the exception, to give credits toward graduation for the study of music. The Progressive Series of Piano Lessons makes possible the standardization of music teaching and solves most of the difficulties which have hitherto prevented the adoption of a system of credits for study of music."

In its editorial staff and list of contributors are assembled twenty eminent musicians and educational authorities, the greatest aggregate of musical and pedagogical intellect and talent ever gathered in a combined effort to further the cause of musical education.

The editor-in-chief is Leopold Godowsky, the renowned artist and composer, now at the very height of his powers. His improved methods of study are fully set forth in the Progressive Series. The principles of the other world "methods" are also shown. The associate editors are Edgar Stillman Kelley, one of America's foremost composers, Josef Hofmann and Emil Sauer, the famous pianists.

Godowsky himself says, "We have striven to make it an educational work in the form of a progressive and complete series, that, from both an artistic and pedagogical standpoint, would be superior to anything ever offered to the public."

Graduates will receive not only the diploma of the Conservatory, but also the certificate of the Course. We wish to impress upon the parents and pupils that the use of this series will in no way interfere with either the individuality of the pupil or the particular views of any individual teacher.

Mr. Fairclough, Miss Briggs, Miss Hicks, Miss Weed and Miss Reed will instruct in the Progressive Series, a valuable addition to our regular work, which has been so generously approved by the music-loving public of the Twin Cities.

Voice

In the department of vocal music, those methods which experience justifies as being at once effective and artistic in their results have been adopted. It is the policy to secure a systematic and thoro culture on the basis of the best methods.

Intermediate Year.—Vocalises by Sieber, Concone, and the study of songs, ballads by Larsen, Grieg, Buck, Gounod and others, makes the first year's work complete.

Junior Year.—Studies in phrasing and rapid execution, German Songs by Mozart, Schubert, Schumann, Liszt, Franz, Beethoven, etc., also some of the lighter selections from the operas.

Senior Year.—Oratorio in all forms, Bach, Haydn, Handel, Mendelssohn, Gounod, Verdi. Selections from the heavier operas and songs of the modern school. Frank, Wolf, Homer, Tours, Massenet, Dvorak, Ronald, Nevin, Ganz.

Every student graduating in vocal music must have at least one year of French.

Graduate Course.—Aims to develop the artistic sense to a still greater degree, according to art traditions.

Pianoforte

Individual instruction is given and the regular course calls for one hour's instruction a week, divided into two lessons of thirty minutes each. Where but one lesson a week is taken, the lesson will be forty-five minutes in length.

Preparatory.—Thoro grounding in hand, finger and arm training. Rudiments of music. Easier studies to suit capabilities of each pupil. Pupils are thoroily prepared for the entrance into the three years' course.

Intermediate.—Czerny, Velocity Studies; Bertini, Loeschorn, Heller, etc.; Bach—Little Preludes and Fugues; Sonatinas and Easy Sonatas.

Junior Year.—Czerny, Op. 740; Cramer-Bulow, Fifty Selected Studies; Heller, MacDowell, etc.; Bach, Two- or Three-Part Inventions, French Suites; Sonatas of Mozart, Haydn and Beethoven.

Senior Year.—Clementi, Tausig, Gradus ad Parnassum, Czerny, Op. 740, Chopin Etudes, Kullak Octave School, Bach's Forty-eight Preludes and Fugues; Sonatas and Concertos of Beethoven and other masters. Repertoire from classical and modern composers.

In each grade, suitable pieces will be given as the pupil is ready for them.

Postgraduate.—Advanced work. Continuation of previous year. Concertos (with second piano or orchestra accompaniments).

Violin

The violin department has become a leading feature in the musical life of all conservatories. Year by year the number of violin students is increasing. To keep pace with the demands of the time, this department of our school has been developed until today it presents exceptional advantages for the study of what is called "the most perfect musical instrument known."

The violin course is not expected to be followed strictly, nor does it claim to be complete. In the private lessons each pupil can be favored with studies which suit his or her special requirements. With the technical course a selection of compositions from the whole range of violin literature up to the present time will be used. These will be chosen from the representative composers of the different periods and schools, with the intention of giving the pupils a knowledge of the individual interpretation of each kind.

Scales, bow and finger exercises will be used as needed to meet the requirements of the various pupils.

Pipe Organ

Before beginning the study of the pipe organ the student should have had at least one year's instruction on the piano and should have a thoro knowledge of the rudiments of music.

Public School Music

This is a two-year course. Entrance to the course requires that the student have a diploma from an accredited high school. Upon satisfactory completion of this course a State certificate will be issued in addition to the Conservatory certificate. Under certain conditions, this course may form a portion of the work for the regular diploma of the Conservatory of Music.

First Year.—The following subjects are required: Sight-singing, Ear Training, Voice Culture, History of Education, Psychology, Harmony 1, a modern language or its equivalent, Piano, unless able to play third grade music, in which case candidate may be excused from further study of that instrument. It is very desirable that a student be able to teach some high school subject or drawing in connection with Public School Music. (College students will take the regular college course in psychology; music students, a special course at the conservatory.)

Second Year.—The following subjects are required:

a. Sight-singing, Ear Training, Harmony 2, History of Music, Appreciation of Music, Piano, unless able to play third grade music, a modern language or its equivalent.

b. School room teaching, five periods weekly.

The study of voice will be required of pupils in public school music to meet this demand.

Sight Reading

All pupils of vocal music must have at least one year of sight reading before receiving either a teacher's certificate or diploma. The cost of these lessons will be nominal. It is impossible to sing correctly and effectively at all times without an exact and practical knowledge of music and its notations.

Normal Training

The demand of the times is for musicians equipped not only technically, but also in the art of imparting instruction. Most students, in starting to teach, possess but the points, given them by their instructors, in regard to their individual work. As these may not apply to the general needs of their pupils, a course in the art of teaching is almost indispensable.

Normal Piano Training Course for Prospective Teachers.—

One year course with Certificate for advanced and senior students of piano.

Post-graduate Certificate Course for young teachers.

(For College Credits see College Catalog.)

Text book work, practice teaching.

Lectures.—Technical Theories, Various Types of Pupils, Elementary Foundation Work, Development of Original Musical Ideas, Tonality, Methods, Material for Teaching, Interpretation, Memorizing, Educative Principles, etc., etc.

Ear training, analyzing and psychology are a part of this course. (College students will take the regular college course in psychology; music students, a special course at the conservatory.)

Normal Courses in Voice and Violin may also be taken.

Ensemble

The study of chamber music is a very important one to the advanced student of any instrument. The impetus to more thorough practice, mental activity, development of rhythm and color, and an insight into this particularly rich field of musical text, is of untold value. Both classic and modern music is studied. Students who come mainly for the study of piano, violin or any other instrument should, if possible, arrange for some work in this line.

Harmony

The "Upton" system of key-board harmony will be used. Harmony study is too apt to be purely theoretical and therefore of comparatively slight value to the average student. Believing that a course has been found that will be first, last and always of practical value to the performer, since all the work is done at the instrument, we are offering this advantage to our students. Results obtained in other institutions substantiate all the claims made for the system. The student uses with fluency all the triads and seventh chords, modulates to all keys with ease, is familiar with altered chords, and suspensions, in short with all the subjects covered in any harmony course. He is enabled to transpose music as easily as he plays it in the original key. As memorizing is a great feature of the course it becomes an easy and natural process. Very young children are enabled by this course to produce compositions of real merit.

Theory

The importance of exhaustive and thoro work in the various theoretical studies cannot be too strongly emphasized. A rudimentary or fundamental course should precede ear training, sight singing, harmony, analysis, counterpoint (simple and double), canon and fugue (the supreme contrapuntal forms), orchestration and composition.

Appreciation of Music

First Year.—This is a study of the form and meaning of music and follows closely the text used, "Appreciation of Music" and Supplement, by Surette and Mason. A preliminary study of the instruments of the orchestra is given, preparatory to the concerts of the Minneapolis Symphony Orchestra, which our students are encouraged to attend. Required for graduation from Conservatory of Music.

Second Year.—This is a continuation of Appreciation of Music 1, and is a thoro study of Romantic and Modern forms since the time of Beethoven. The study is based on "Appreciation of Music," volume 2, by Surette and Mason, and "What We Hear in Music" by Faulkner. Talking machine records are freely used. Required for graduation from the Conservatory of Music.

History of Music

First Year.—Study of beginnings of music thru the Classical Period, including the history and development of instruments. The text-book used is "Essentials in Music History," Tapper and Goetschius. The College library has a good collection of reference works on music and our students have access to the fine collections in the public libraries of St. Paul and Minneapolis. A trip is made annually to the Raudenbush piano factory in St. Paul to see the process of making a piano. Required for graduation from Conservatory of Music.

Second Year.—This is a continuation of History 1, studying the development of music from the Romantic Period to our own day. By means of the talking machine records many operas, oratorios, symphonies, songs and piano compositions are studied. Required for graduation from Conservatory of Music.

History of Fine Arts

The study of the allied arts is of great cultural advantage to the musician in the development of artistic tastes. Instruction in the way of illustrated lectures is given by Miss Briggs.

Student Recitals

These opportunities for public performance are helpful in overcoming natural diffidence and nervousness, and in giving that confidence and poise so necessary to the successful player and singer.

Pupils also gain an ever-increasing knowledge of musical text, aside from that with which they come in contact in their own study. The instructors allow only such students as have reached a certain degree of proficiency to appear in recital.

Euterpean Society.—A conservatory organization which brings the pupils together for social and musical recreation. Its object is to create good fellowship and musical development. The programs are varied and interesting. Students receive admission into this society by invitation. The dues are fifty cents a semester.

Terms for Instruction

Per Semester

Tuition prices vary with the grade and the teacher.

Voice.....	\$100.00 to \$30.00
Piano.....	63.00 to 22.00
Pipe Organ.....	72.00 to 45.00
Violin.....	72.00 to 20.00
Ensemble.....	25.00
Harmony.....	20.00
History of Music.....	6.00
Appreciation of Music.....	5.00
Public School Music.....	35.00
Normal Training.....	35.00
Sight Reading.....	4.50
Piano Practice, per hour ..	\$4.50
Organ Practice, per hour	12.00
Incidental Fee.....	.50
Cost of Graduation . . .	10.00

College fees for conservatory students taking college work are paid at the beginning of each semester before completion of registration and strictly in advance, as follows:—

Tuition (five to eight hours per week)..... \$20.00 to \$28.00

There is no fee for harmony, history or appreciation to students taking college subjects.

Discount will be allowed on tuition bills for two or more studies paid a year in advance.

Honorary Degrees

Conferred by Macalester College

- 1901: D. D. to Rev. Charles Thayer, Ph. D. Deceased
 D. D. to Rev. George W. Davis, Ph. D. . . . St. Paul, Minn.
- 1902: D. D. to Rev. H. F. Stilwell. St. Paul, Minn.
 D. D. to Rev. J. Le Moyne Danner. . . . Indianapolis, Ind.
 LL. D. to Hon. Thomas Wilson. Deceased
- 1903: D. D. to Rev. Joseph Cochran, Macalester, '89.
 Philadelphia, Pa.
- 1904: D. D. to Rev. Stanley B. Roberts. . . . Minneapolis, Minn.
 M. A. to Myron A. Clark, Macalester, '90, Coimbra, Portugal
- 1905: D. D. to Rev. Charles F. Hubbard. Auburn, N. Y.
- 1906: D. D. to Rev. Donald D. McKay. Tacoma, Wash.
- 1907: D. D. to Rev. Archibald Cardle, Macalester, '94.
 Burlington, Iowa
- 1910: D. D. to Rev. Charles T. Burnley. Deceased
 D. D. to Rev. Alfred E. Driscoll. Ashland, Wis.
 D. D. to Rev. William Porter Lee, Macalester, '89.
 Germantown, Pa.
 D. D. to Rev. Harry Clinton Schuler, Macalester, '95.
 Resht, Persia
 D. D. to Rev. John Hansen Sellie, Macalester, '95.
 Buffalo, Minn.
- 1911: D. D. to Rev. Charles Allen Clark, Macalester, '99.
 Seoul, Korea
 LL. D. to Rev. Albert Brainerd Marshall, D. D., Omaha, Neb.
 LL. D. to Rev. George Livingstone Robinson, Ph. D., D. D.
 Chicago, Ill.
- 1914: D. D. to Rev. George Ewing Davies. . Salt Lake City, Utah
 D. D. to Rev. Joseph Carle Robinson.
 White Bear Lake, Minn.
 LL. D. to Hon. James Jerome Hill. Deceased
- 1915: Litt. D. to Rev. John Wright. St. Paul, Minn.
 D. D. to Rev. William C. Laube '01. Dubuque, Ia.
- 1916: Mus. M. to Harry Phillips. Minneapolis, Minn.
 Mus. M. to George H. Fairclough. St. Paul, Minn.
- 1918: D. D. to Rev. Asa John Ferry. Philadelphia, Pa.
 D. D. to Rev. James B. Lyle. Albert Lea, Minn.
 D. D. to Rev. T. Ross Paden. Mankato, Minn.
 D. D. to Rev. Benjamin Bunn Royer. St. Paul, Minn.

Alumni

Alumni Association

It will be esteemed a favor if each alumnus who changes his residence will notify the President of his new address. Information from any source that will assist in keeping this roll complete will be appreciated.

The Alumni Association of Macalester College has two purposes in view: to bind into a unit the graduate body and help to preserve and increase the value of the friendships formed in College, and to further the interests of the Alma Mater and make her more widely known. Communications to the Alumni Association should be sent to the college.

Officers

W. P. Kirkwood.....	President
Gertrude Smith.....	Vice-President
W. M. Hobart.....	Secretary
Isabelle Elmer.....	Treasurer

Roll of Alumni

Class of 1889

George Washington Achard.....	Business, Minneapolis, Minn.
Joseph Wilson Cochran.....	Chaplain, U. S. Army
Ulysses Grant Evans.....	Minister, Blairstown, Iowa
James Chase Hambleton.....	Teacher, Columbus, Ohio
Benjamin Wallace Irvin.....	Deceased
Samuel M. Kirkwood.....	Surgeon, Absarokee, Mont.
William Porter Lee.....	Minister, Germantown, Pa.
Paul Erskine McCurdy.....	Business, Philadelphia, Pa.
Louis Ferdinand Slagle.....	Deceased
Charles Albert Winter.....	Deceased

Class of 1890

Myron A. Clark National Sec. Y. M. C. A., Coimbra, Portugal
 Thaddeus T. Cresswell Minister, Eagle Rock, Cal.
 John Knox Hall Missionary, La Salle, Colo.
 William Henry Humphrey Deceased
 William Paul Kirkwood Professor, U. of M., St. Paul, Minn.
 Amos Avery Randall Deceased
 Judson L. Underwood Missionary, Ashland, Kan.

Class of 1891

Frank Brown Principal, Chicago, Ill.
 Walter F. Finch Minister, So. St. Paul, Minn.
 Walfred Sunberg Deceased
 William B. Turner Business, Boston, Mass.
 Thomas C. Williamson Business, Winnebago, Minn.

Class of 1893

James Carlisle Simonton Business, Minneapolis, Minn.
 Joseph Zoll Address unknown.

Class of 1894

Francis W. Beidler Minister, Mosco, Colo.
 Archibald Cardle Minister, Burlington, Iowa.
 Paul A. Ewert Attorney, Joplin, Mo.
 George E. Johnson Business, Sayre, Okla.
 Samuel M. Marsh Minister, Brown's Valley, Minn.
 William H. Sinclair Minister, Clarksville, Iowa

Class of 1895

Frank E. Balcome Physician, St. Paul, Minn.
 John W. Christianson Minister, Veblin, S. D.
 Thomas Fitz-Morris Clark Deceased
 Charles D. Darling Minister, Roswell, N. M.
 Edwin Howard Gordon Deceased
 Harry Clinton Schuler Missionary, Resht, Persia
 John Hansen Sellie Minister, Buffalo, Minn.
 Arthur Whitney Vance Deceased

Class of 1896

Alexander Edward Cance, Prof., Mass. Agr. College, Amherst, Mass.
 Moses M. Maxwell Deceased.
 Samuel F. Sharp Deceased

Class of 1897

Albert Ernest Evans.....	Minister, Sunset, Wash.
Charles W. Hansen.....	Deceased
Ernest Charles Henke.....	Minister, Baraboo, Wis.
George Leck.....	Deceased
John McLearie, Professor, State School of Mines, Rapid City, S. D.	
Winifred Moore-Mace.....	Walton, N. Y.
Arthur A. Palmer.....	Minister, Newberg, Ore.
Charles Petran.....	Missionary, Mexico City, Mexico
Louis B. Sherwin.....	Minister, Le Sueur, Minn.
William K. Sherwin.....	Teacher, Barnum, Minn.
Arthur G. Welbon.....	Missionary, Andong, Korea

Class of 1898

Clarence Dwight Baker.....	Deceased
Charles Warren Dade.....	Business, Minneapolis, Minn.
Anna Moore Dickson.....	Teacher, St. Paul, Minn.
Caspar Gregory Dickson..	Clerk Library of Congress, Washington
Nellie M. Flanders-Sherwin.....	Barnum, Minn.
John M. Guise.....	Principal, St. Paul, Minn.
Carlton Leslie Koons.....	Minister, Ashland, Wis.
Robert C. Mitchell.....	Minister, St. Paul, Minn.
William James Mitchell.....	Minister, Odebolt, Iowa
David Walter Morgan.....	Minister, Nioto, Ill.

Class of 1899

Hugh S. Alexander..	Professor, Macalester College, St. Paul, Minn.
Walter Baker Augur.....	Minister, Donnelly, Minn.
Charles Allen Clark.....	Missionary, Seoul, Korea
Ralph Elmo Clark.....	Teacher, Calgary, Alberta, Can.
Paul Doeltz.....	Missionary, Iloilo, Philippine Islands
George C. Edson.....	Minister, Hasbrouck Heights, N. J.
Thomas George Jamieson.....	Business, Calgary, Can.
Almira F. Lewis.....	Denver, Colo.
Robert Morris Lutz.....	Business, San Rafael, Cal.
James Murray.....	Minister, Othello, Wash.
Samuel Merton Pinney....	Superintendent, Montgomery, Minn.
Jacob Elmer Smits.....	Deceased
George Stanley.....	Minister, Bloomington, Minn.
Murray Alberton Travis.....	Minister, Collegeport, Texas

Class of 1900

John Calvin Abels	Minister, Cristobal, Canal Zone
Miles Strong Grimes	Minister, Lyon Falls, N. Y.
Ralph Emerson Herron	Business, Lordsburg, N. M.
John Robert Landsborough	Minister, Oregon City, Ore.
Ernest A. Oldenburg	Minister, Watertown, S. Dak.
Mathilde Pederson-Romunstaad	Deceased
Irving David Roach	Business, Azusa, Cal.
William James Sharp	Minister, Centralia, Wash.
Roy Walker Smits	Deceased
David A. Thompson	Y. M. C. A. Secretary, France

Class of 1901

William Beckering	Deceased
Louis Benes	Minister, Armour, S. D.
Henry Roy Bitzing	Lawyer, Mandan, N. D.
Percy Porter Brush	Y. M. C. A. Secretary, France
Charles Morrow Farney	Business, St. Paul, Minn.
Henry D. Funk	Professor, Macalester College, St. Paul, Minn.
Nathaniel E. Hoy	Meadow, S. D.
Lewis Hughes	Teacher, Ottawa, Minn.
Richard U. Jones	Professor, Macalester College, St. Paul, Minn.
William C. Laube	Professor, Presb. Sem., Dubuque, Iowa
Millicent V. Mahlum-Kelts	Columbus, Mont.
William H. Travis	
Pres. Gulf Coast University of Industrial Arts,	Collegeport, Tex.
Lily Bell Watson	Macomb, Ill.

Class of 1902

Frederick Brown	Deceased
Robert L. Davidson	Teacher, Kent, Wash.
Sarah A. Haines-Korsen	Seattle, Wash.
Grace Iddings-Fletcher	Grand Forks, N. D.
Leonard L. Mann	Minister, Ipswich, S. D.
Francis H. Newton	Minister, Grandview, Wash.
Winifred R. Pringle-Weber	Coeur d'Alene, Idaho
Edgar E. Sharp	Lawyer, Moorhead, Minn.
Benjamin Bruce Wallace	Government Service, Washington, D. C.
Helen Margaret Wallace-Davies	Carmi, Ill.

Class of 1903

John Morton Davies	Minister, Carmi, Ill.
--------------------	-----------------------

Bessie Shepherd Doig-Jacobson	Cedar Rapids, Iowa
Julia Anita Elmer	Teacher, St. Paul, Minn.
Peter Erickson	Minister, Minot, N. D.
Ebenezer Thomas Ferry	Minister, Fergus Falls, Minn.
Emma Inez Godward-Davies	St. Paul, Neb.
Robert McMaster Hood, Religious Director, Y. M. C. A. Paris, France	
Peter Westin Jacobson	Minister, Cedar Rapids, Iowa
Raymond Lewis Kilpatrick	Engineer, Sulzer, Alaska
Donald Norman MacRae	Minister, Mitchell, Ont.
Henry Morgan	Teacher, Washburn, N. D.
Joseph E. Rankin	Minister, Howard Lake, Minn.
Mary J. Rankin	Missionary Teacher, Sneedville, Tenn.
Max M. Wiles	Minister, Virginia, Ill.
William H. Weber	Business, Coeur d'Alene, Idaho

Class of 1904

Grace Ivanore Chapin-Sharp	Moorhead, Minn.
Peter Arthur Davies	Minister, St. Paul, Neb.
Thomas Hunter Dickson	Physician, St. Paul, Minn.
Margaret Evans-Detweiler	Santurce, Porto Rico
William Horatio Kendall	Minister, Farmington, Ill.
Alfred Edward Koenig	Instructor, U. of Wis., Madison, Wis.
William Oliver Rothney	Inspector of Schools, Quebec, Can.
Henry John Voskuil	Missionary, Amoy, China
Tolbert Watson	Physician, Albany, Minn.
Mabel Wicker	Teacher, Dawson, Minn.

Class of 1905

John Thomas Anderson	Minister, St. James, Minn.
Earl Kenneth Bitzing	Editor, Mandan, N. D.
Eugene Erwin Bromley	Minister, Cosmopolis, Wash.
Isabelle Allison Elmer	St. Paul, Minn.
Asa John Ferry	Minister, Philadelphia, Pa.
Thomas Edwin Flinn	Physician, Redwood Falls, Minn.
Ledru Otway Geib	Physician, Detroit, Mich.
Mary Carnahan Guy-Shellman	Missionary, Pitsanuloke, Siam
Marie Grace Jamieson-Smith	Lewisville, Ind.
Daniel Griffin Le Fever	Business, Minneapolis, Minn.
James Albert Slack	Minister, Powell, Wyo.
Robert Owens Thomas	Chicago, Ill.
Jane Turnbull	Teacher, Marshall, Minn.

Class of 1906

- Levi H. Beeler.....Winthrop College, Rock Hill, S. C.
 James Ekin Detweiler.....Missionary, Yamada, Japan
 James Hamilton.....Minister, Superior, Neb.
 Roscoe Cliver Higbee.....Principal, St. Paul, Minn.
 Alexander Hood.....Missionary, Wellpinit, Wash.
 Albert Kuhn.....Professor, Presby. Sem., Dubuque, Iowa
 Paul H. Th. Rusterholz.....Teacher, St. Paul, Minn.
 Ruth Estelle Swasey-Rusterholz.....St. Paul, Minn.
 Gordon Graham Thompson.....Physician, Seattle, Wash.
 Frank Harvey Throop.....Missionary, Soo Chow, China
 Margaret Turnbull.....St. Paul, Minn.

Class of 1907

- William Harvey Amos.....Minister, Portland, Ore.
 James Albert Caldwell.....Principal, Tower City, N. D.
 Robert W. Davies.....Business, Minneapolis, Minn.
 Josephine Elmer-Ballou.....Rochester, Minn.
 Marshall Gregory Findley.....Business, New York City
 Richard David Hughes.....Minister, Chicago, Ill.
 Martha Antoinette Jacobson-Maitrejean.....St. Paul, Minn.
 Henrietta Cecelia Lundstrom.....Teacher, Lewistown, Mont.
 Rose Amelia Metzger-Nutt.....Sidney, Mont.
 David McMartin.....Minister, Leadville, Colo.
 Rhoda Catherine MacKenzie.....Nurse, San Francisco, Cal.
 Richard Samuel Nutt.....Banker, Sidney, Mont.
 Ole Johnson Oie.....President Theo. School, Christiania, Norway
 William Fred Pottsmith.....Minister, McMinnville, Ore.
 Mary Pauline Payne-Healy.....Mapleton, Minn.
 Minerva Schlichting.....Deceased
 Ruth Adelia Sherrill.....Teacher, Monroe, Wash.
 Mary Helen Smith-Jones.....St. Paul, Minn.
 George Hill Smith.....Business, Excelsior, Minn.

Class of 1908

- George Kemp Aiken.....Editor, Ontario, Ore.
 Hanna Sophia Berg.....Principal, Mahtomedi, Minn.
 Ralph Brinks.....Aitkin, Minn.
 Richard Stanley Brown.....Minister, Escanaba, Mich.
 Edith Frederica Cale.....Deceased
 Clifford Clement Cornwell.....Minister, Sherman, N. Y.

Evan Milton Evans.....	Lawyer, Middle River, Minn.
Rosella Evans-Griffith.....	Ottawa, Minn.
James Todd Guy.....	Lawyer, Milwaukee, Wis.
Mary Elizabeth Guy-Wallace.....	Preston, Minn.
Walter Mell Hobart.....	Business, Minneapolis, Minn.
Lucy Ma Belle Hyslop-Flinn.....	Redwood Falls, Minn.
Nina Foy Johnson-Wallace.....	Eugene, Ore.
Margaret Edith Lakey-McDonald.....	Souris, N. D.
Peter McEwen.....	Minister, Earl Park, Ind.
Luke Edward Marvin.....	Business, Duluth, Minn.
Martha Bessy Olson-Bromley.....	Cosmopolis, Wash.
Stanley Hall Roberts.....	Chaplain, U. S. Army
Lydia Anna Schroedel-Hobart.....	Minneapolis, Minn.
Clarence Mason Stearns.....	Business, St. Paul, Minn.
Robert Sinclair Wallace.....	U. S. Forest Service, Eugene, Ore.

Class of 1909

Emma Bertelle Barker-Marvin.....	Duluth, Minn.
Lucas H. Brinks.....	Business, Independence, Kan.
Albert Daniel Davies.....	Business, Minneapolis, Minn.
David Roy Jones.....	Minister, Bowling Green, Mo.
Lulu Lane Piper-Aiken.....	Ontario, Ore.

Class of 1910

George Samuel Barclay Acheson.....	Y. M. C. A., Portland, Ore.
William Jefferson Bell.....	Minister, Mountain Iron, Minn.
Joseph Vaclav Beran.....	Business, Hibbing, Minn.
Charles Taylor Burnley.....	St. Paul, Minn.
Edward John Carson.....	Minister, Raton, N. M.
John Andrew Evert.....	Physician, Brainerd, Minn.
June Rose Evert-Lanterman.....	Mandan, N. D.
Albert Howard Gammons.....	Minister, Jacksonville, Ore.
Jesse Willis Hamblin.....	Minister, Cass City, Mich.
Stanley Hurlbut Hodgman.....	Capt. U. S. Army
William Andrew Horne.....	Minister, Calvin, N. D.
Helen Mary Hunt-Bell.....	Mountain Iron, Minn.
Edward Henry Joesting.....	St. Paul, Minn.
John Archibald McEwen.....	Minister, Hannaford, N. D.

Sarah Grace McMartin-Carson	Minneapolis, Minn.
Pearl Alma Nash-Evert	Brainerd, Minn.
Mildred Gretchen Phillips-Kindy	St. Paul, Minn.
Minnie Mae Pierson-Evans	Middle River, Minn.
Mary Elsie Raymond-Muhr	Elmira, Ore.
Gladys Isabelle Roberts	Minneapolis, Minn.
Jeannette Paulina Sawyer-Guild	St. Paul, Minn.
Frederick Samuel Shimian	Minister, Umapine, Ore.
Elmer Stuart Smith	Centralia, Wash.
Elizabeth Libby Staples-Brown	St. Paul, Minn.
Vernon Elliott Stenerson	Minot, N. D.
Anna Elizabeth Taylor	Chicago, Ill.
Norman Kendall Tully	Minister, Galesville, Wis.
Ruth Minerva von Dorn-Gammons	Jacksonville, Ore.
June Adelia Woodward	Teacher, Redwood Falls, Minn.

Class of 1911

William Ernest Baskerville	Business, Princeton, N. J.
Charles Bremicker	Minister, Highland, Wis.
Allan Hill Brown	Minister, Tipton, Ind.
Homer Clyde Cardle	Business, Bemidji, Minn.
Fred F. Carson	Teacher, Minneapolis, Minn.
Janet Isabella Dodds	Teacher, Morris, Minn.
Donald Smith Doty	Attorney, St. Paul, Minn.
Effie Miranda Ellison-Miner	Coleraine, Minn.
Hulda Olivia Ellison	La Moure, N. D.
Oscar Melvin Ellison	Business, La Moure, N. D.
Marjory Lucy Hanson	Missionary, Andong, Korea
Bayard William Heed	Lieutenant, U. S. Army
Arthur Billings Hunt	U. S. Army
Ernest Wilburt Johnson	St. Paul, Minn.
Ina Elizabeth Lindsley	Marshall, Minn.
Anna Mae Little-Johnson	St. Paul, Minn.
Luella Irene Murphy-Dickinson	Pierpont, S. D.
William Earls Noyes	Superintendent, Farmington, Minn.
Adelaide Wadsworth Payne	Teacher, Long Prairie, Minn.
Russell Stephen Peterson	Teacher, Grand Meadow, Minn.
Leland William Porter	Minister, Red Bluff, Cal.
Edna Francis White-Becker	Amboy, Minn.

Class of 1912

Anna Elizabeth Anderson-Carson	Raton, N. M.
Dorothy Elizabeth Baumgart	Teacher, St. Paul, Minn.
Clara Berdan	Teacher, Albert Lea, Minn.
James Brinks	Business, Lake Benton, Minn.
Orville Clifton Cardle	U. S. Army
Bessie Florence Clark	St. Paul, Minn.
Mabel Emma Cosgrove	Le Sueur, Minn.
Elva May Davis-Westerlund	Northwood, Ia.
Louise Lombard Davisson-Tripp	Minneapolis, Minn.
Jessie Ellen Fisher-Thomas	St. Paul, Minn.
Clarence Oscar Graue	Coeur d'Alene, Idaho
Lilah Agnes Holden-Batten	Hudson, Wis.
Florence Hunt	Teacher, St. Paul, Minn.
Earl Duane Jenckes	Dispatch, St. Paul, Minn.
Clarence Eugene Johnson	Wayland, Minn.
Marion Burdick Jones	Teacher, Glencoe, Minn.
Ruth Anna McKinlay	Teacher, Medford, Minn.
Clarice Audrey Miller-Noyes	Farmington, Minn.
Pearl Margueritte Palmer	Los Angeles, Cal.
John Gottfried Schmidt	Teacher, Harlan, Ia.
William Ellison Scott	Lieutenant, U. S. Army
Ella A. Stearns	Jasper, Minn.
Edna Alda Stewart	Principal, Lake Crystal, Minn.
Cassie Marie Stoddart	Teacher, St. Paul, Minn.
Oakley Russell Tripp	Y. M. C. A., Minneapolis, Minn.
Oscar Westerlund	Minister, Iowa Falls, Ia.
Muriel Faye Wheeler-Cockram	Ontario, Ore.
Harry Merrium Willmert	Business, Blue Earth, Minn.
Ralph Calvin Wilson	Lieutenant, U. S. Army

Class of 1913

Enoch Newman Bengtson	Rush City, Minn.
Ragna Leonora Bye-Klein	Minneapolis, Minn.
Lenna May Campbell	Minneapolis, Minn.
Wilfrid Gladstone Campbell	Teacher, Superior, Wis.
Paul Ephraim Carlson	Superintendent, Montrose, Minn.
Mary Genevieve Carver-Stevens	St. Paul, Minn.
George Oliver Chase	Teacher, Arvilla, N. D.
Leonard Alvin Clark	Superintendent, Shakopee, Minn.
Mary Bernice Clark	Teacher, Annandale, Minn.
Solomon David David	Captain, U. S. Army
Emma Joy Frederick-Schmidt	Teacher, Delano, Minn.

William Henry Wallace Holley	Lieutenant, U. S. Navy
Berenice Antoinette Kellogg-Hamilton	Trenton, N. J.
Robert Lloyd Lang	Mapleton, Minn.
Del Leslie Laughlin	Teacher, Lisbon, N. D.
Grace Eloise McClure-Voss	Morris, Minn.
Elmer Shepard MacCourt	Dentist, Los Angeles, Cal.
Joseph Robert Neller	U. S. Army, Air Service
Florence Amelia Otis	Teacher, Emporia, Kans.
Norton Walter Peet	Deceased
William Conkey Phillips	Lieutenant, U. S. Army
Edith Beatrice Pierson	Nurse, Minneapolis, Minn.
Ruth Lynn Porter	Teacher, Clark, S. D.
Adeline Marie Rosebrock	Teacher, Sauk Rapids, Minn.
Mabel Josephine Scott-Peterson	Mantorville, Minn.
Ray Simons	Teacher, Virginia, Minn.
James Merton Snyder	Principal, Fulda, Minn.
Marie Ellen Thomas	Teacher, Excelsior, Minn.
Katie Lillian White	Teacher, Cleveland, Minn.
Vera May Zimbeck	Teacher, Maynard, Minn.

Class of 1914

Carrie Ellen Alvord	Interpreter, Washington, D. C.
Richard Harlow Anderson	Lieutenant, U. S. Army
Wallace Jay Anderson	Missionary, Korea
Harold Harvey Baldwin	Minister, Harrisburg, Pa.
Hosea Greenwood Bosley	Beaver Creek, Minn.
Arthur George Brown	Teacher, Bottineau, N. D.
Truman Dean Brown	Superintendent, Elbow Lake, Minn.
Margaret Buckbee-Greig	St. Paul, Minn.
Lulu Ellen Carey-Graue	Coeur d'Alene, Idaho
Howard Edward Clark	Deceased
Margaret McGregor Doty	St. Paul, Minn.
Leslie Lisle Druley	Business, St. Paul, Minn.
Vera Margery Dunlap-Marvin	St. Paul, Minn.
Lloyd Gilmore	Ashland, Mont.
John Leslie Harvey	Minister, Roseville, Cal.
Burton Patriquine Holt	Minister, Redwood Falls, Minn.
Alice Louise Lindsley	Teacher, Amery, Wis.
Bessie Elizabeth Lovell	Principal, Jasper, Minn.
Edward Everett McCabe	U. S. Army, Aviation Corps
Mable Mohr	Teacher, Ellendale, N. D.
Esther Neller	Teacher, Farmington, Minn.

Evelyn Pickthorn	Brown's Valley, Minn.
Helen Maria Prosser-Pike	Hutchinson, Minn.
Harold Percy Roberts	U. S. Army
Gertrude Gray Smith	Teacher, St. Paul, Minn.
Helen Antonia Stratte	Dawson, Minn.
Selma Ovidia Stratte-Watkins	Carlton, Minn.
Florence Adell Switzer-Hamil	Two Harbors, Minn.
Charles Albert Thomas	Lieutenant, U. S. Army
Elmer Wilcox Trolander	Student, U. of C., Chicago, Ill.
Della Ann Trotter-Brown	Bottineau, N. D.
Lucius Harlow Watkins	Carlton, Minn.

Class of 1915

Clark Albin Abrahamson	Towner, N. D.
Paul Benjamin Bremicker	Y. M. C. A., Minneapolis, Minn.
Olive Margaret Brown-Staudenmaier	Minnesota Lake, Minn.
Mary Reid Cardle	Teacher, Mapleton, Minn.
Edward Maurice Clark	Graduate Student, Columbia U.
Luella Clara Conley	Ray, N. D.
Margaret Defel	Teacher, St. Paul, Minn.
Josephine Dixon	Warren, Minn.
Gwendolyn Lotimer Eastman-Disbrow	Alcester, S. D.
Eunice Geer Finch	Deceased
Alice Julia Flinn	St. Paul, Minn.
Edith Almeda Haigh	Teacher, St. Cloud, Minn.
Hillard Herman Holm	Physician, Minneapolis, Minn.
Catharine Deaver Lealtad	Teacher, Cincinnati, O.
Mabel Griffiths Montgomery	Oriska, N. D.
John Samuel Nyquist	Homestead, Mont.
Emily Helen Payne	Instructor, U. of M.
Madge Porter	Madison, S. D.
Frieda Jeannette Radosch	Physician, Philadelphia, Pa.
Plato Earl Sargent	Lieutenant, U. S. Army
Herbert Harrison Sell	Teacher, Fertile, Minn.
Ruth Virden Slagg	Pipestone, Minn.
Henry Frank Softley	Minister, Hastings, Minn.
Gwendolyn Bromley Williams-Slade	Minneapolis, Minn.
Bert Benjamin Willmert	Blue Earth, Minn.

Class of 1916

Arthur Glenn Adams	Teacher, Assuit College, Egypt
Grace Emily Brown	Teacher, Gaylord, Minn.
Beryl Alberta Brownlee	Teacher, Akeley, Minn.

- Gordon Lyman Brownlee.....U. S. Navy
 George Rowland Collins.....Graduate Student, Harvard
 Edna Marguerite Cottrell.....Teacher, Middlebourn, W. Va.
 Thomas Crocker.....Theological Student, Chicago, Ill.
 Francis Marion Dana.....Graduate Student, Philadelphia, Pa.
 Marie Eleanor de Booy.....Nurse, Washington, D. C.
 Margaret Douglass Downing.....Teacher, St. Paul, Minn.
 Ruth Marie Featherstone.....Teacher, Albert Lea, Minn.
 William Taber Greig.....Business, St. Paul, Minn.
 Helen Charlotte Gullikson.....Blue Earth, Minn.
 Vergil Homer Guthrie.....Deceased
 Frank Edward Hall.....U. S. Navy
 Arthur Bristow Hood.....Business, Fairburn, S. D.
 Isabelle Howard.....Business, Minneapolis, Minn.
 Howard Neff Huelster.....U. S. Army
 Vincent Raymond Hunt.....Teacher, Minneapolis, Minn.
 Constance Darling Hunter.....Washington, D. C.
 Bertha Mamie Hurr.....Shakopee, Minn.
 Gordon Lewis Keeley.....Business, Rockford, Minn.
 Christopher Leo Kenny.....U. S. Army
 Fred Joseph Kenny.....U. S. Army
 Thomas Kees Laird.....De Ruyter, N. Y.
 David Nathaniel Ling.....Teacher, Grafton, N. D.
 John Thompson McCallum.....U. S. Army, Aviation Corps
 Jessie Elizabeth McClure.....Nurse, Washington, D. C.
 Emily Lois McConkey-Baldwin.....Harrisburg, Pa.
 Erwin Herbert Metag.....U. S. Army, Aviation Corps
 Loana Miriam Miller.....Graduate Student, Minneapolis, Minn.
 Anna Seraphina Nelson.....Teacher, Sleepy Eye, Minn.
 Andrew Hilmer Norum.....Minister, St. Paul, Minn.
 Adolf Olson.....Teacher, St. Paul, Minn.
 Sadie Porter.....Teacher, Wells, Minn.
 Howard Johnson Rankin.....St. Paul, Minn.
 Zylpha Lauretta Sharpe.....Teacher, Fairfax, Minn.
 John Lyman Sheean.....Business, Keokuk, Iowa
 Alice Emma Stearns.....Jasper, Minn.
 Olga Constantine Terzieff.....Y. W. C. A., Akron, O.
 Stella Alice Tuttle.....Teacher, Granville, N. D.
 Vera Marie Utter-Hood.....Fairburn, S. D.
 William Liston Walker.....U. S. Army
 Irving Howard Williams.....Business, Minneapolis, Minn.
 Margaret Jane Williams.....Minneapolis, Minn.

Class of 1917

Effie Alice Adams	Teacher, Barnum, Minn.
Wylie Gustave Akenson	U. S. Army
Oscar Lee Black	Theological Student, Chicago, Ill.
Ellen Mary Chase	Minneapolis, Minn.
Lajla Marie Dale	Teacher, Sleepy Eye, Minn.
Gladys Somers Dallimore	St. Paul, Minn.
Herbert Emil Dierenfeld	Theological Student, Chicago, Ill.
Alice Muriel Everts	Teacher, Warren, Minn.
Emanuel Ossian Franklin	U. S. Army
Charles Gerlinger	Lieut. U. S. Army, Aviation Corps
Wallace Graydon Gibson	Lieut., U. S. Marine Corps
Pauline Hayes	Teacher, Litchfield, Minn.
Milton Boyce Hebeisen	Graduate Student, U. of N. D.
Ethelwyn Annette Hopkins	Teacher, Macalester College
Charles Stanley Knott	Theological Student, San Anselmo, Cal.
Violet Helena Knutson	Teacher, Reynolds, S. D.
John Arthur Lewis	U. S. Army
Ethel Marie McClure	Johns Hopkins Hospital, Md.
Swan William Mattson	Minister, Willmar, Minn.
Evelyn Bradbury Page	Principal, Osakis, Minn.
Harriet Phillips	Teacher, Flandreau, S. D.
Esperanza Reina	Graduate Student, Coe College, Iowa
Joseph Howard Rhoads	Grad. Student, U. of M., Minneapolis, Minn.
Allen John Robertson	Captain, U. S. Army
Irving John Roth	Deceased
Evelyn Mary Rumble	St. Paul, Minn.
Esther Atta Schumann	Tulsa, Okla.
Gertrude Simons	Virginia, Minn.
Fremont David Taylor	U. S. Army
Anna Marie Wagner	Teacher, Tyler, Minn.
Lucille Anna Wilkerson	Teacher, Hector, Minn.
Clarence Charles Willmert	Lieutenant, U. S. Army

Class of 1918

Donald Leslie Augustine	U. S. Army, Sanitary Corps
Leonard Bedient Brabec	Chemical Warfare Service, Washington, D. C.
Lucia Rebecka Brown	Teacher, Alvarado, Minn.
Ella Isabelle Clapp	Teacher, Taylors Falls, Minn.
Walfred Danielson	Teacher, St. Paul, Minn.
Dorothy Dornberg	St. Paul, Minn.

Ruth Emhoff	Teacher, Truman, Minn.
John Kenneth Erickson	Law Student, St. Paul, Minn.
Erling Eriksen	Teacher, Blackduck, Minn.
Edith Sophia Gunderson	Teacher, Sherburn, Minn.
Margaret Lila Hammond	Teacher, Aitkin, Minn.
Victor Arnold Heed	U. S. Army
James Kydd Hilyard	U. S. Army
Frank Orville Holmes	Theological Student, Boston
Alice Erra Hough	Teacher, Fulda, Minn.
Esther Jerabek	Teacher, Goodhue, Minn.
Eugenie Marie Legault	Teacher, Centerville, S. Dak.
Marian Louise Leshner	Teacher, Worthington, Minn.
Glenn Nyren McNaughton	U. S. Navy
Howard Hope McNiven	U. S. Army
Lois Marvin	Teacher, Duluth, Minn.
Ernest Gustav Norstrom	Teacher, Pine River, Minn.
John Alexander Patterson	U. S. Army
Hazel Louisa Roche	Teacher, Canton, S. D.
Helen Isabel Sivertson	Teacher, Middle River, Minn.
Myrtle Dorothy Steen	Teacher, Minneota, Minn.
Miriam Winifred Wallace	St. Paul, Minn.
Ruth Azalia Webster	Teacher, Jackson, Minn.
Nancy Olivia Wick	Teacher, Caledonia, Minn.
Amelia Wolf	Teacher, Waubay, S. D.

Alumni of the Conservatory of Music

Class of 1900

Mrs. Maud Taylor-Hansen.....Minneapolis, Minn.

Class of 1901

Millicent Viola Mahlum-Kelts.....Columbus, Mont.

Class of 1905

Grace Taylor-Franklin.....Emerado, N. D.

Mrs. W. H. Amos.....Portland, Ore.

Class of 1906

Carmen Mahlum.....Brainerd, Minn.

Pearl Neeb.....Lewiston, Minn.

Charrie Robertson-Simonds.....Minneapolis, Minn.

Mildred Gretchen Phillips-Kindy.....St. Paul, Minn.

Paul H. Th. Rusterholz.....St. Paul, Minn.

Class of 1907

Gyda Hansen.....St. Paul, Minn.

Richard U. Jones.....St. Paul, Minn.

Class of 1908

Ethel Erkenbrack-Funk.....Minneapolis, Minn.

Ada Nash-Patterson.....Edgerton, Minn.

Gladys Neff.....Neillsville, Wis.

Minnie Tullar-Doty.....St. Paul, Minn.

Clara Odenwald-Abbet.....Worthington, Minn.

Class of 1909

Lorraine Vern Miller.....La Moure, N. D.

Rhea Le Pierre Rocheleau.....Ocean Park, Cal.

Anna May Woodworth-Lunn.....Biwabik, Minn.

Class of 1910

Ardelia Bisbee.....Madelia, Minn.

Mildred C. Corliss.....Portland, Ore.

Ada Dahlgren.....St. Paul, Minn.

Lillian Hall.....Minnewaukan, N. D.

Estelle Spayde.....Rapid City, S. D.

Class of 1911

Charlotte Burlington.....St. Paul, Minn.

Elva May Davis-Westerlund.....Northwood, Iowa

Katherine Gamble-Baskerville.....St. Paul, Minn.

Myrtha Marie Gunderson.....St. Paul, Minn.

Ethel Haggard-Stewart.....St. Paul, Minn.

Stella Wilhelmina Heger-Wilson.....St. Cloud, Minn.

Class of 1912

Mary Genevieve Carver-Stevens.....	St. Paul, Minn.
Ethel Wilcox.....	Mankato, Minn.
Lottie M. Olson-Taralseth.....	Warren, Minn.
Alice R. Olson.....	Fargo, N. D.
Louise Appel.....	Springfield, Minn.
Erna Appel.....	Springfield, Minn.

Class of 1913

Harriet Martha Caldwell.....	Monango, N. D.
Constance Pearl Johnson.....	St. Paul, Minn.
Alice Elvira Larson.....	Alexandria, Minn.
Geneva Samson.....	St. Paul, Minn.
Ethel May Stewart.....	St. Paul, Minn.
Stella Alice Tuttle.....	Hastings, Minn.
Margaret Jane Williams.....	Minneapolis, Minn.
Gladys Ruth Zieseemer.....	St. Paul, Minn.

Class of 1914

Jean Adie-Hullsiek (Bachelor of Music).....	St. Paul, Minn.
Harriet Caldwell.....	Monango, N. D.
Mabel Reed.....	St. Paul, Minn.
Hazel Roche.....	Farmington, Minn.
Evelyn Rumble.....	St. Paul, Minn.
Blanche Runyon-Rose.....	St. Paul, Minn.
Mildred Skauge.....	Brainerd, Minn.
Ruth Spater.....	St. Paul, Minn.
Clarence Vokoun.....	St. Paul, Minn.
Amelia Wolf.....	Nerstrand, Minn.
Vernie Wolfsberg.....	St. Paul, Minn.

Class of 1915

Albina Agnes Minar.....	Browerville, Minn.
Frank C. L. Minar.....	Browerville, Minn.
Grace Evangeline Olen.....	St. Paul, Minn.
Olive E. Scott.....	Stillwater, Minn.
Ann Elizabeth Shell.....	Wallowa, Ore.
Ethel Genevieve Tamborino.....	St. Paul, Minn.
Grace Marie Waddell.....	St. Paul, Minn.
Maude Julia Wanzer.....	Charleston, W. Va.

Class of 1916

Lilah Bellingham.....	Cascade, Mont.
Lajla Dale.....	Madison, Minn.
Elizabeth Erickson.....	Bemidji, Minn.
Pearl Fox-Nearpass.....	St. Paul, Minn.
Edith Gunderson.....	Kenyon, Minn.
Louis Jacobi.....	St. Paul, Minn.
Grace O'Neale.....	St. Paul, Minn.
Mildred Peabody.....	St. Paul, Minn.
Harriet Pierpont-Smith.....	Bruce, Wis.
Evelyn Rumble (Bachelor of Music).....	St. Paul, Minn.
Daniel Thomassian.....	St. Paul, Minn.
Janet Vokoun.....	St. Paul, Minn.

Class of 1917

Leonard Brabec.....	Kasson, Minn.
Lucille Farrell.....	Warren, Minn.
Lena Halverson.....	St. Paul, Minn.
Pearl Kaehler.....	St. Charles, Minn.
Ruth Merryman.....	Kerkhoven, Minn.
Margaret Mount.....	St. Paul, Minn.
Harriet Phillips.....	Worthington, Minn.
Agnes Wunderlich.....	St. Paul, Minn.

Class of 1918

Jean Ellerbe.....	St. Paul, Minn.
Lucile Farrell (Bachelor of Music).....	Warren, Minn.
Fred Hoyer.....	New York City
Gwendolin Lomnes.....	Hudson, Wis.
Laura Lynch.....	Orr, N. Dak.
Marion Saunders-Pantell.....	Minneapolis, Minn.
Helen Strachan.....	Duluth, Minn.
Margaret Wharry.....	St. Paul, Minn.

Roll of Students

Senior Class

Leila Arvilla Atcherson.....	Appleton, Minn.
Dorothy Badger.....	Minneapolis, Minn.
Bertha Blair.....	Duluth, Minn.
Cleo Louise Brandrup.....	Mankato, Minn.
Hellen Clark.....	Rockville, Minn.
Florence Anna Defiel.....	St. Paul, Minn.
Paula Doermann.....	St. Paul, Minn.
Muriel Emily Carr Eastman.....	St. Paul, Minn.
Lucile Grace Farrell.....	Warren, Minn.
Melvin Louis Gundlach.....	St. Paul, Minn.
Anna Estelle Hammerlun.....	Cokato, Minn.
Tillie Hansen.....	Russell, Minn.
Hulda Hanson.....	New London, Minn.
Helen Kay Hargreaves.....	St. Paul, Minn.
Wesley Arthur Kohl.....	St. Peter, Minn.
Raymond Horace Landon.....	Minneapolis, Minn.
Amy Marie Le Vesconte.....	Prior Lake, Minn.
Margaret McLeod.....	St. Paul, Minn.
Helen Willina McRae.....	St. Paul, Minn.
Marion Gertrude Reader.....	Pipestone, Minn.
Gladys Harriett Reutiman.....	Stillwater, Minn.
Clara Goldena Robinson.....	Warren, Minn.
Ada Rose Stalker.....	Proctor, Minn.
Helen Strachan.....	Duluth, Minn.
Helene May Thomas.....	Wahpeton, N. Dak.
Clarinda Eleanor Trandem.....	St. Paul, Minn.
Charles M. Wenzel.....	Kenyon, Minn.
Margaret Eliza Wharry.....	St. Paul, Minn.

4 24

Junior Class

Winnifred Bertha Canon.....	Armstrong, Iowa
Marion Catherine Cardle.....	St. Paul, Minn.
William Gibson Claffy.....	Two Harbors, Minn.
Florence Claus.....	St. Paul, Minn.
May Charlotte Coleman.....	Elbow Lake, Minn.
Marion Armarel Conger.....	Mora, Minn.
Orin Montgomery Corey.....	Osceola, Wis.

Joseph Douglas Crane	St. Paul, Minn.
Constance Cronhardt	St. Paul, Minn.
Marya E. Cushing	St. Paul, Minn.
Alice Grace Davidson	Minneapolis, Minn.
Marjorie Dornberg	St. Paul, Minn.
Lucile Jeanette Erickson	Fulda, Minn.
Alice Mary Fletcher	Pipestone, Minn.
Ethel Alice Fletcher	St. Paul, Minn.
Lillian Taylor Fritch	St. Paul, Minn.
Robert Francis Gale	Carver, Minn.
Frances Ruth Gordon	St. Paul, Minn.
Florence Elizabeth Gow	St. Paul, Minn.
Hazel Mary Griffith	St. Vincent, Minn.
Veva Ruth Halverson	Revillo, S. Dak.
Spruel Edward Heard	Rugby, N. Dak.
Elsie Ethel Heimer	S. St. Paul, Minn.
Ruth Anna Helweg	Fulda, Minn.
Claude Douglas Holzinger	Elbow Lake, Minn.
Ruth Hoxie	Duluth, Minn.
Dorothy Wilder Hutchinson	St. Paul, Minn.
Frances Lucy Hyslop	Slayton, Minn.
Linnea Margaret Johnson	Milaca, Minn.
Anna H. Johnston	Pipestone, Minn.
Clara Dunlevy Jones	Rapid City, S. Dak.
Walter P. Keller	Slayton, Minn.
Carrie Louise Krugmeier	St. Paul, Minn.
Gertrude Helene Krugmeier	St. Paul, Minn.
Germaine Labadie	France
Robert Laird	Oakland, Minn.
Mae Cecile Landeene	Elbow Lake, Minn.
Winifred Violet Lapp	St. Vincent, Minn.
Marie Zada Lee	St. Paul, Minn.
Marthe LeLoupp	France
Mildred Irving Leven	St. Paul, Minn.
Russell William Lewis	St. Paul, Minn.
Myron Louis Lorenz	Rolla, N. Dak.
Sana Beth McKenny	Spring Valley, Minn.
Marion Leola McLeod	St. Paul, Minn.
Jean Florence Mosier	Brainerd, Minn.
Louise Hall Olsen	St. Paul, Minn.
Violet May Olson	Maynard, Minn.

William Isaac Orlebeke.....	Clara City, Minn.
Lloyd E. Peabody.....	St. Paul, Minn.
Mildred Peabody.....	St. Paul, Minn.
Florence V. Pearson.....	St. Paul, Minn.
Irene Marguerite Petersen.....	Pipestone, Minn.
Ellen Marie Pope.....	Mora, Minn.
Ruth Amelia Rost.....	Kerkhoven, Minn.
William John Shogren.....	Eau Claire, Wis.
Alice Burgoyne Spencer.....	St. Paul, Minn.
Milton Francis Sturtevant.....	St. Paul, Minn.
Zenas Howland Taylor.....	Stanley, N. Dak.
William Carson Thompson, Jr.....	St. Croix Falls, Wis.
Chester Martin Tobin.....	Burlington, Ia.

17 44

Sophomore Class

Christian Marius Ascham.....	Porter, Minn.
Marion Bagley.....	St. Paul, Minn.
Gladys Pearl Barck.....	Albert Lea, Minn.
Anna Emelia Barr.....	So. St. Paul, Minn.
Virginia Brome Bennett.....	St. Paul, Minn.
Harold Arzt Binder.....	St. Paul, Minn.
Gertrude Horton Bradbury.....	St. Paul, Minn.
Grace Bross.....	St. Paul, Minn.
Ozni Carver Brown.....	Pipestone, Minn.
Grace Calder.....	Chippewa Falls, Wis.
Edith Almyra Chase.....	St. Paul, Minn.
Madge Anne Clynick.....	Winnebago, Minn.
Bonnie Davies.....	Pipestone, Minn.
Esther Deaken Donnelly.....	St. Paul, Minn.
Louise Ludlow Emmons.....	St. Paul, Minn.
Ilse Elizabeth Ernst.....	Stillwater, Minn.
Lenice Evelyn Felthous.....	St. Paul, Minn.
Elsie Genevieve Gerlach.....	Barnum, Minn.
Harland Hubbard Goetzinger.....	St. Paul, Minn.
Robert Warren Gould.....	Clearwater, Minn.
Arthur Greenfield.....	Clara City, Minn.
Donald Henry Griffith.....	St. Vincent, Minn.
Grace Marie Guilford.....	Minneapolis, Minn.
Marion Ethel Haigh.....	St. Paul, Minn.
Doris Aileen Halverson.....	Revillo, S. Dak.

John Morris Hargreaves	St. Paul, Minn.
Florence Martha Hastedt	St. Paul, Minn.
Willis Blackford Hazleton	Minneapolis, Minn.
Myrtle Genevieve Hynes	Winnebago, Minn.
Ruth Gladys Isker	Osseo, Minn.
Florence Wilhelmina Johnson	St. Paul, Minn.
Frederick Johnson	Hopkins, Minn.
Helmer Gerhardt Johnson	Belview, Minn.
Helen Elizabeth Kircher	Olivia, Minn.
Henry Kleweno	Alexandria, Minn.
Grayce McKee	Albert Lea, Minn.
Helen Frances McLean	Howard Lake, Minn.
Laura Marles	St. Paul, Minn.
Jessie Norris Mayo	Wahkon, Minn.
Mary Mixer	St. Paul, Minn.
Lydia Mueller	Hutchinson, Minn.
Walter Raymond Nelson	Minneapolis, Minn.
Adah Newcomb	Pepin, Wis.
Helen Arabella Newell	Albert Lea, Minn.
Edward Oakley Paden	Mankato, Minn.
Ione Vilona Pickle	Madison, Minn.
Dorothy Pratt	St. Paul, Minn.
Allen Arthur Rock	Two Harbors, Minn.
Aaron Saeks	Akeley, Minn.
Elizabeth Schade	Sisseton, S. Dak.
Erich Paul Schwandt	Buffalo, N. Dak.
George E. Scotton	Willmar, Minn.
Grace M. Stock	Coleraine, Minn.
Ruth Marjorie Swift	No. St. Paul, Minn.
Doris Evelyn Utter	St. Paul, Minn.
Howard John Vandersluis	Fergus Falls, Minn.
Florabel Elenor Wickett	Canton, Minn.
Vera Emerson Wilcox	Minneapolis, Minn.
Winifred Wilkerson	St. Paul, Minn.
Edith Vera Willford	Canton, Minn.
Ruth Jay Willson	St. Paul, Minn.

Freshman Class

Roman M. Adams	St. Paul, Minn.
Vernon Goodrich Adams	Winnebago, Minn.
William Russell Alexander	Glenwood, Minn.

Alric Anderson.....	Ellsworth, Wis.
Lawrence Emanuel Anderson.....	St. Paul, Minn.
Lillian Grace Anderson.....	Ortonville, Minn.
Genevieve Athalie Argetsinger.....	Pipestone, Minn.
Edgar David Backer.....	St. Paul, Minn.
Harold Scott Bacon.....	St. Paul, Minn.
LeRoy E. Ballieu.....	Two Harbors, Minn.
Christian Banzhaf.....	Marshalltown, Ia.
Rufus Alonzo Barackman.....	Thief River Falls, Minn.
Doris Elizabeth Barber.....	St. Paul, Minn.
David Livingston Barnes.....	Duluth, Minn.
Raymond Carlisle Bates.....	Minneapolis, Minn.
Max Wilfred Becker.....	Wilmont, Minn.
James Stuart Beddie.....	White Bear Beach, Minn.
Roland Robert Beggs.....	Minneapolis, Minn.
Verne Wesley Benner.....	St. Paul, Minn.
Thomas Berreau.....	St. Paul, Minn.
Ervin Iba Beseke.....	Arlington, Minn.
Percy Judson Bevis.....	Duluth, Minn.
Dana E. Bowers.....	Howard Lake, Minn.
Holley Jean Brandrup.....	Mankato, Minn.
Alma C. Bricher.....	Kellogg, Minn.
Everett Brown.....	Austin, Minn.
Jeanne Catherine Brown.....	Kasson, Minn.
Earl Reinhold Carlson.....	Minneapolis, Minn.
Eleanor Jane Clark.....	Bellingham, Minn.
Isabella Clark.....	Rockville, Minn.
Robert Emmet Clarke.....	St. Paul, Minn.
Alphonse James Claus.....	St. Paul, Minn.
Lucille Cline.....	Canby, Minn.
Edward Stephen Colbert.....	St. Paul, Minn.
Raymond Picken Colville.....	Redwood Falls, Minn.
Olive Elizabeth Cook.....	Blue Earth, Minn.
Clarence William Corrigan.....	St. Paul, Minn.
James Dewey Custer.....	Howard Lake, Minn.
Ellen Margaret Dale.....	Dawson, Minn.
Maurice Dale.....	Madison, Minn.
William Harold D. Darlington.....	Jordan, Minn.
Joyce Edna Dauwalter.....	Carver, Minn.
Ethelmae Dodds.....	Claremont, Minn.
James Sylvester Donovan.....	St. Paul, Minn.

Joe Stayner Dugan.....	Luverne, Minn.
Ruth Rosalie Edelstein.....	North Branch, Minn.
Janette B. O. Elliott.....	Grand Meadow, Minn.
Earle Howard Ellison.....	La Moure, N. Dak.
Clarence Erickson.....	Minneapolis, Minn.
Russell Waldo Ericson.....	Minneapolis, Minn.
James Michael Fahey.....	St. Paul, Minn.
George Antony Fazendin.....	St. Paul, Minn.
Earl Gunness Ferguson.....	Fisher, Minn.
Emil Fogelberg.....	St. Paul, Minn.
Elmer William Fondell.....	Dawson, Minn.
Ethel Aaronette Fredine.....	Maynard, Minn.
Thomas Joseph Gehan.....	St. Paul, Minn.
Dorothy Gergen.....	St. Paul, Minn.
Edward Dougall Gordon.....	Virginia, Minn.
Ward Marshall Gray.....	Minneapolis, Minn.
Grace Isabel Greeno.....	Staples, Minn.
Wilton Bernard Gundlach.....	St. Paul, Minn.
Nina Purcell Gunnison.....	Minneapolis, Minn.
Sigvart Jacob Hagen.....	Harvey, N. Dak.
Stuart Wesley Hannah.....	Fisher, Minn.
Helen Esther Harris.....	St. Paul, Minn.
Ruth M. Hauck.....	Madison, Minn.
Ellsworth Emanuel Heed.....	Cokato, Minn.
George Henry Henke.....	St. Paul, Minn.
Frederic Albert John Hermann.....	St. Paul, Minn.
Bessie Ruth Hobart.....	Slayton, Minn.
Bernice Goldia Horton.....	Round Lake, Minn.
Marguerite Leanora House.....	Cass Lake, Minn.
Myrtle Victorine House.....	Cass Lake, Minn.
Constance Helen Humphrey.....	St. Paul, Minn.
Thomas H. Hyslop.....	Fulda, Minn.
John Leonard Iverson.....	St. Paul, Minn.
Alice Lois James.....	Madelia, Minn.
Richard M. James.....	Madelia, Minn.
Verl Jeffrey.....	Osakis, Minn.
John Tobias Jesten.....	Mandal, Norway
Hugo Otto Kahn.....	Hankinson, N. Dak.
Carl Marion Kays.....	Warren, Minn.
Frances Helen Krenger.....	Stillwater, Minn.
Ruby LaBarre.....	St. Paul, Minn.

- Charles Timothy Lammers..... Stillwater, Minn.
James Knight Lawrence..... Brainerd, Minn.
Ida Merle Leas..... St. Paul, Minn.
Lawrence Joseph Legault..... Argyle, Minn.
Mary Katherine Lewis..... Redwood Falls, Minn.
Oliver Carl Lindgren..... St. Paul, Minn.
Dewey John Arthur Lindquist..... Belgrade, Minn.
Erling Logeland..... Nevis, Minn.
Mary Lattin Low..... Crookston, Minn.
Carl Adolph Lower..... Marcey, Minn.
Hazel Vivian Lundsten..... Waconia, Minn.
Ruth Gertrude Luxon..... Duluth, Minn.
Joseph Edward McDonald..... Rosemount, Minn.
Margaret Virginia McLeod..... Minneapolis, Minn.
Marguerite Ralston McNaughton..... Redwood Falls, Minn.
Myrtle Maahs..... Echo, Minn.
Alwin Klime Margraff..... Gilman, Wis.
Alice Maulsby..... Sykeston, N. Dak.
Earl J. Maxwell..... Minneapolis, Minn.
Harvey C. Maxwell..... Minneapolis, Minn.
Bertha Medcalf..... St. Paul, Minn.
Lillian Bernice Mitteldorf..... Minneapolis, Minn.
Truman Martin Moody..... Sherburn, Minn.
Florence Mueller..... Hutchinson, Minn.
Charles Joseph Mullan..... St. Paul, Minn.
Annie Nelson..... Elbow Lake, Minn.
Edward Julius Nelson..... Minneota, Minn.
James Lindsay Nisbet..... Fisher, Minn.
Patrick Joseph O'Connor..... St. Paul, Minn.
Burton Franklin Oliver..... Winnebago, Minn.
Edith Marie Olson..... St. Paul, Minn.
Pearlon Eugene Olson..... Winnebago, Minn.
Joseph Lawrence O'Neill..... St. Paul, Minn.
Muriel Margaret O'Reilly..... St. Paul, Minn.
Viola Rosella Oren..... St. Paul, Minn.
Fred Overby..... Glen Flora, Wis.
Eva Alexandra Palmquist..... Albert Lea, Minn.
Lillian Marie Paulson..... St. Paul, Minn.
Catherine Brash Pegg..... Pine City, Minn.
Mildred Myrtle Peterson..... Dawson, Minn.
Willard Henry Peterson..... Minneapolis, Minn.

-Clarence Myles Purves.....	Tracy, Minn.
-Francis Howard Ramsey.....	Minneapolis, Minn.
Helen Frances Reed.....	St. Paul, Minn.
-Louis Peter Reilly.....	St. Paul, Minn.
-Paul Howard Rhoads.....	So. St. Paul, Minn.
Agnes Elizabeth Roberton.....	Minneapolis, Minn.
-Lloyd Henry Rogers.....	Pelican Rapids, Minn.
-Paul Leon Rogers.....	St. Paul, Minn.
Pearl Zena Root.....	Morgan, Minn.
-John Dunn Ryan.....	St. Paul, Minn.
-Joseph Albert Ryan.....	St. Paul, Minn.
-Elmer Leonard Sandberg.....	Minneapolis, Minn.
Marian Schaller.....	Superior, Wis.
Leo Joseph Schwartz.....	St. Paul, Minn.
Anna Belle Scidmore.....	Clark, S. Dak.
-Bradley Wheelock Sherwood.....	Virginia, Minn.
Margaret Eleanor Simmons.....	Minneapolis, Minn.
-Rush Nelson Simmons.....	St. Paul, Minn.
-Robert David Sinclair.....	St. Paul, Minn.
-Ragnar Theodore Soderlind.....	Minneapolis, Minn.
Eleanor Florence Spates.....	St. Paul, Minn.
Gladys Ruth Spearin.....	Duluth, Minn.
-Raymond Frank Spitzer.....	St. Paul, Minn.
-John B. Stassen.....	St. Paul, Minn.
Verna Blanche Steen.....	Kerkhoven, Minn.
William Earl Stein.....	Two Harbors, Minn.
Joseph George Stiepan.....	St. Paul, Minn.
Hugh Adam Stoddart.....	White Bear, Minn.
Lucile Strachan.....	Duluth, Minn.
Mildred Alletta F. Strander.....	Crookston, Minn.
Ralph M. Street.....	Revillo, S. Dak.
Evan Arthur Thomas.....	Sherburn, Minn.
-Forest Steele Torrence.....	St. Paul, Minn.
-Harlan Edgar Tripp.....	Round Lake, Minn.
Leslie Elliott Tripp.....	Round Lake, Minn.
Ruth Morse Upton.....	Worthington, Minn.
-William Michael Wagner.....	St. Paul, Minn.
-Marshall Franz Westerlund.....	St. Paul, Minn.
-Maternus Henry Wey.....	St. Michaels, Minn.
-Charles Meeker Wilkinson.....	Two Harbors, Minn.

- Howard Richardson Woolsey.....St. Paul, Minn.
 Lydia Emily Wrbitzky.....Silver Lake, Minn.

107 61
Special

- Paul Grosshuesch.....St. Paul, Minn.
 Charles Stanley Knott.....Spur, Minn.
 Minnie Victoria Moline.....Gibbon, Minn.
 Margaret Sylvia Mount.....St. Paul, Minn.
 Emily Carolin Tricker.....St. Paul, Minn.
 Olive Wagner.....Echo, Minn.

3 4
Conservatory of Music

- Jessarose Alexander.....St. Paul, Minn.
 Muriel Alexander.....St. Paul, Minn.
 Grace Amundson.....St. Paul, Minn.
 Anne Anderson.....Muskegon, Mich.
 John Armstrong.....St. Paul, Minn.
 Leila Atcherson.....Appleton, Minn.
 Marion Bagley.....St. Paul, Minn.
 Ruth Balcome.....St. Paul, Minn.
 Gladys Bambery.....St. Paul, Minn.
 Doris Barber.....St. Paul, Minn.
 Harriet Bell.....St. Paul, Minn.
 John Berguin.....St. Paul, Minn.
 Elizabeth Bill.....St. Paul, Minn.
 Florence Bodwell.....St. Paul, Minn.
 Henrietta Bonaport.....St. Paul, Minn.
 Catherine Bouquet.....St. Paul, Minn.
 Gertrude Bradbury.....Hastings, Minn.
 Holley Brandrup.....Mankato, Minn.
 Ada Bruncke.....St. Paul, Minn.
 Walter Bruncke.....St. Paul, Minn.
 Mrs. C. A. Bucklin.....St. Paul, Minn.
 Lorene Burns.....St. Paul, Minn.
 Winnifred Canon.....Armstrong, Iowa
 Phyllis Carlgren.....St. Paul, Minn.
 Eleanor Clark.....Bellingham, Minn.
 Hellen Clark.....Rockville, Minn.
 Lucile Cline.....Canby, Minn.

Marion Comfort	St. Paul, Minn.
Mrs. H. A. Cress	St. Paul, Minn.
Constance Cronhardt	St. Paul, Minn.
Mrs. Luther Cushing	St. Paul, Minn.
Joyce Dauwalter	Carver, Minn.
Ethelmae Dodds	Claremont, Minn.
DeWitt Eaton	St. Paul, Minn.
Mildred Eaton	St. Paul, Minn.
Janette Elliott	Grand Meadow, Minn.
Florence Enerson	Withrow, Minn.
Ilse Ernst	Stillwater, Minn.
Lucile Farrell	Warren, Minn.
Lucille Fedders	St. Paul, Minn.
Melvin Fedders	St. Paul, Minn.
Maurice Fink	St. Paul, Minn.
Jeanette Flynn	St. Paul, Minn.
Eva Grant	Lakota, N. Dak.
Grace Greeno	Staples, Minn.
Nina Gunnison	Minneapolis, Minn.
Dorothy Hall	St. Paul, Minn.
Doris Halverson	Reville, N. Dak.
Dorothea Haman	St. Paul, Minn.
Florence Hastedt	St. Paul, Minn.
Cecelia Hauck	St. Paul, Minn.
Ruth Hauck	Madison, Minn.
Fannie Hershey	St. Paul, Minn.
Marguerite House	Cass Lake, Minn.
Grace Jacobson	St. Paul, Minn.
Edith James	St. Paul, Minn.
Richard James	Madelia, Minn.
William Jenkyns	St. Paul, Minn.
Helen Johnson	St. Paul, Minn.
Lilly Johnson	St. Paul, Minn.
Marie Kenney	St. Paul, Minn.
Alice Kingery	St. Paul, Minn.
Margaret Knox	St. Paul, Minn.
Lucile Koch	St. Paul, Minn.
Germaine Labadie	France
Evelyn Larson	St. Paul, Minn.
Gladys Larson	St. Paul, Minn.
Ruby LaBarre	St. Paul, Minn.

Evelyn Lindsay	St. Paul, Minn.
Thelma Long	St. Paul, Minn.
Ruth Luxon	Duluth, Minn.
Velva McIntire	McIntire, Iowa
Grayce McKee	Albert Lea, Minn.
- Albert McMillan	St. Paul, Minn.
Myrtle Maahs	Echo, Minn.
Evelyn MacMicking	St. Paul, Minn.
Mary MacMicking	St. Paul, Minn.
Laura Marles	St. Paul, Minn.
Alice Maulsby	Sykeston, N. Dak.
Mary Mixer	St. Paul, Minn.
Minnie Moline	Gibbon, Minn.
Jean Mosier	Brainerd, Minn.
Helen Newell	Albert Lea, Minn.
Mrs. Margaret Oakes	St. Paul, Minn.
Dorothy Pace	St. Paul, Minn.
Esther Pearson	St. Paul, Minn.
Irene Peterson	Pipestone, Minn.
Mildred Peterson	Dawson, Minn.
Ione Pickle	Madison, Minn.
Marie Rackliff	St. Paul, Minn.
Kathryn Rasey	St. Paul, Minn.
Mrs. Anna Redlack	St. Paul, Minn.
Clinton Reid	St. Paul, Minn.
Amalia Renz	St. Paul, Minn.
Helen Renz	St. Paul, Minn.
Elsie Richardson	St. Paul, Minn.
Beth Robertson	Minneapolis, Minn.
Pearl Root	Morgan, Minn.
- Laurice Russell	St. Paul, Minn.
- Edward Sands	St. Paul, Minn.
- Robert Sands	St. Paul, Minn.
Ruth Schickler	St. Paul, Minn.
- John Schlegel	St. Paul, Minn.
Emma Schroeder	St. Paul, Minn.
Evelyn Schwartz	St. Paul, Minn.
Allen Shapira	St. Paul, Minn.
Meyer Shapira	St. Paul, Minn.
Clara Belle Shepherd	St. Paul, Minn.
Leona Smith	St. Paul, Minn.

Clara Smithson	St. Paul, Minn.
Sylvia Sorlie	St. Paul, Minn.
Mrs. O. E. Spaeth	St. Paul, Minn.
Cassie Stoddard	White Bear, Minn.
-Arthur Strom	Montevideo, Minn.
Gretchen Sullwold	St. Paul, Minn.
Evelyn Sunburg	St. Paul, Minn.
Ruth Swift	North St. Paul, Minn.
Josephine Tatum	St. Paul, Minn.
Grace Terry	St. Paul, Minn.
Jean Todd	St. Paul, Minn.
Dorothy Tricker	St. Paul, Minn.
Monica Tricker	St. Paul, Minn.
Mrs. W. E. Tricker	St. Paul, Minn.
Doris Utter	St. Paul, Minn.
Olive Wagner	Echo, Minn.
Dorothy Warne	St. Paul, Minn.
Iona Warnock	St. Paul, Minn.
Rosalie Weiss	St. Paul, Minn.
Margaret Wharry	St. Paul, Minn.
Aurelia Wheeldin	St. Paul, Minn.
Florabel Wickett	Canton, Minn.
Florence Wiebmer	St. Paul, Minn.
Vera Willford	Canton, Minn.
Mrs. Williston	St. Paul, Minn.
-Halvor Wiulsrud	Hamlet, N. Dak.
Jessie Wright	St. Paul, Minn.
Lydia Wrbitzsky	Silver Lake, Minn.

Summary of Students

College.....	324
Conservatory of Music.....	<u>137</u>
Total.....	461
Counted twice.....	<u>46</u>
Net total.....	415

INDEX

	PAGE
Accounting.....	86
Administration.....	25
Administrative Officers.....	3
Admission.....	39
Advanced Standing.....	41
Advisers.....	49
Alumni.....	102
Astronomy.....	67
Athletics.....	33
Bequest, Form of.....	20
Bible.....	79
Biology.....	50
Buildings and Equipment.....	20
Calendar.....	2
Campus.....	20
Chemistry.....	51
Classification.....	45
Committees, Faculty.....	9
Trustees.....	5
Conservatory of Music.....	91
Courses of Study.....	50, 93
Credit.....	42
Debate and Oratory.....	30, 56
Degrees.....	27, 101
Departments.....	50
Dormitories.....	21
Drawing, Mechanical.....	68
Economics.....	85
Education.....	53
English.....	54
Entrance Requirements.....	39, 93
Examinations.....	26
Expenses.....	34
Expression.....	58
Faculty, College.....	6
Conservatory of Music.....	92
Fellowships.....	27
French.....	72

	PAGE
General Information	19
Geology	59
German	71
Graduation	42
Greek	59
Hebrew	84
Historical Sketch	19
History	61
Home Making	64
Latin	65
Law, Preparation for	47
Legal Science	87
Library	23
Privileges	23
Literary Societies	29
Location	20
Macalester in Government War Service	12
M Club, The	30
Majors	44
Mathematics	67
Mechanics, Applied	78
Medicine, Preparation for	46
Mental Sciences	68
Military Training	89
Ministry, Preparation for	47
Minors	44
Modern Languages	71
Music	74
Conservatory of	91
Philosophy	69
Physical Training	33, 88
Physics	76
Political Science	86
Presidents	20
Prizes	27
Publications	33
Registration	26
Religious Education	79
Life	32

	PAGE
Reports.....	26
Requirements for Graduation.....	42
Reserve Officers' Training Corps.....	89
Rooms and Board.....	35
Scholarships.....	27
Scholarship Society.....	31
Self Support.....	37
Shaw Field.....	22
Sociology.....	85
Spanish.....	73
Student Activities.....	29
Students, Roll of.....	119
Summary.....	131
Teachers' Bureau.....	33
Teaching, Preparation for.....	47
Telephone.....	37
Theses.....	45
Trustees, Board of.....	4
Committees.....	5
Tuition.....	34, 100
Vocation.....	46, 87
Vocation Bureau.....	33
Y. M. C. A.....	29
Y. W. C. A.....	29



