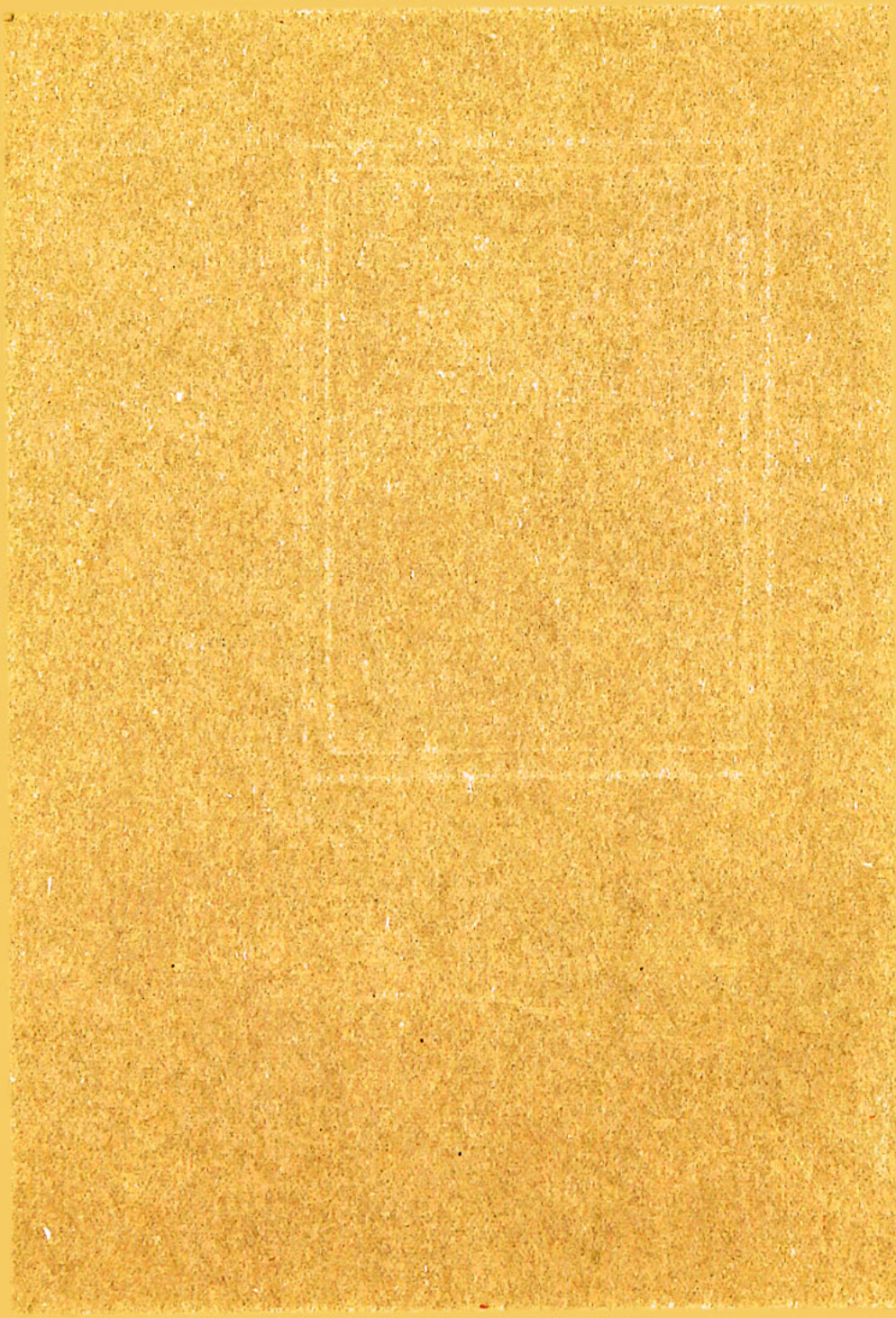


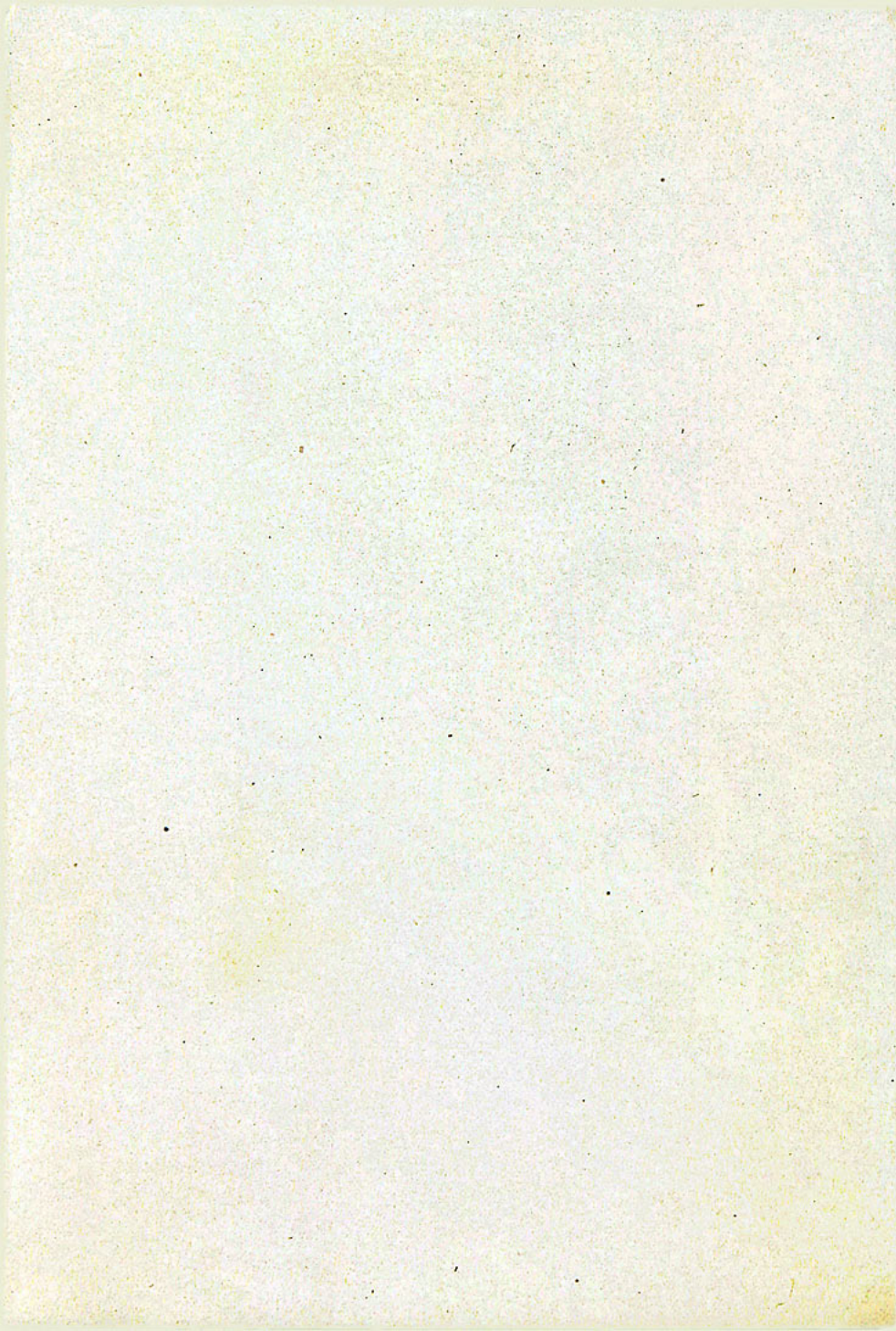
Macalester College Bulletin

Catalog Number
April, 1917

Volume V

Number 3







ENTRANCE TO MAIN BUILDING

Catalog

Macalester College



1916 - 1917

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

1917-1918

1917.

- June 8. Friday, 8:15 p. m., Recital, Conservatory of Music.
June 9. Saturday, 8:15 p. m., Senior Class Play.
June 10. Sunday, 10:30 a. m., Baccalaureate Sermon.
June 11. Monday, 10:30 a. m., Extemporaneous Speaking Contest.
June 11. Monday, 3:00 p. m., Baseball Game.
June 11. Monday, 8:15 p. m., Senior Class Play.
June 12. Tuesday, 11:00 a. m., Class Day Exercises.
June 12. Tuesday, 1:30 p. m., Annual Meeting of Board of Trustees.
June 12. Tuesday, 2:30 p. m., Athletic Contests.
June 12. Tuesday, 7:00 p. m., Alumni Banquet.
June 13. Wednesday, 10:00 a. m., Twenty-eighth Annual Commencement.
June 13. Wednesday, 8:00 p. m., President's Reception.
Sept. 10-12. Monday-Wednesday, Registration Days.
Sept. 12. Wednesday, 10:30 a. m., First Semester begins.
Nov. 29-Dec. 1. Thursday-Saturday, Thanksgiving Recess.
Dec. 21. Friday, 4:20 p. m., Christmas Vacation begins.

1918.

- Jan. 8. Tuesday, 8:00 a. m., Christmas Vacation ends.
Jan. 28-Feb. 2. Monday-Saturday, Second Semester Registration.
Feb. 2. Saturday, First Semester ends.
Feb. 5. Tuesday, Second Semester begins.
Feb. 12. Tuesday, Lincoln's Birthday.
Feb. 22. Friday, Washington's Birthday.
Mar. 27. Wednesday, 4:20 p. m., Spring Vacation begins.
April 4. Thursday, 8:00 a. m., Spring Vacation ends.
May 30. Thursday, Memorial Day.
June 12. Wednesday, Second Semester ends.

Administrative Officers

Address correspondence as follows:

T. MOREY HODGMAN, President of College.
Catalog, Information, Complaints, General Business.
Address all correspondence during summer vacation.

GLENN CLARK, Dean.
Curriculum, Student Activities and College Policies.

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

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

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

CHAS. E. MacKEAN, Treasurer.
Endicott Building, St. Paul.

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

JOHN T. HENDERSON, Field Secretary.

Board of Trustees

Officers of the Board

THOMAS SHAW.....	President
R. C. JEFFERSON.....	First Vice-President
G. D. DAYTON.....	Second Vice-President
B. H. SCHRIBER.....	Secretary
C. E. MACKEAN.....	Treasurer
RICHARD E. STOWER.....	Cashier and Accountant

Trustees

TERMS EXPIRE JUNE, 1917

THOMAS SHAW.....	St. Paul
W. J. McCABE.....	Duluth
THOMAS B. JANNEY.....	Minneapolis
.....	
JOHN S. McLAIN.....	Minneapolis

TERMS EXPIRE JUNE, 1918

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

TERMS EXPIRE JUNE, 1919

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

T. MOREY HODGMAN, ex-officio.....	St. Paul
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Committees of the Board

Executive Committee

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B. H. SCHRIBER, Secretary	R. C. JEFFERSON
T. B. JANNEY	H. C. SWEARINGEN
T. M. HODGMAN	

Committee on Endowment

T. M. HODGMAN	H. C. SWEARINGEN
GEORGE D. DAYTON	THOMAS SHAW
R. C. JEFFERSON	G. W. WISHARD

Committee on Instruction

T. M. HODGMAN, ex-officio	JOHN E. BUSHNELL
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J. S. McLAIN	

Committee on Property

R. C. JEFFERSON	T. M. HODGMAN	B. H. SCHRIBER
	E. B. KIRK	

Finance Committee

R. C. JEFFERSON	E. B. KIRK
T. M. HODGMAN	B. H. SCHRIBER

Committee on Commencement

H. C. SWEARINGEN	B. H. SCHRIBER	T. M. HODGMAN
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Budget Committee

P. L. HOWE	W. P. DAVIDSON
R. C. JEFFERSON	T. M. HODGMAN

College Faculty

THOMAS MOREY HODGMAN, A. M., LL. D., President,
Residence, 476 Ashland Avenue. N. W. Dale 2450.

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

On the Frederick Weyerhaeuser Foundation.
Residence, 1641 Laurel Avenue. N. W. Midway 2178.

ANDREW WORK ANDERSON, A. M.,
Professor of Philosophy and Education.
On the O. A. Robertson Foundation.
Residence, 1658 Lincoln Avenue.

DAVID NEWTON KINGERY, A. M.,
Professor of Mathematics and Astronomy.
Faculty Director of Athletics.
Residence, 135 Amherst Street. N. W. Midway 4183

JULIA MacFARLANE JOHNSON, A. M.,
Dean of Women.
Professor of English Literature and Old English.
Residence, Wallace Hall. N. W. Midway 535.

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

RICHARD URIAH JONES, A. M.,
Professor of Chemistry.
Residence, 1763 Princeton Avenue. N. W. Midway 1881.

HUGH STUART ALEXANDER, A. M.,
Professor of Physics and Geology.
Residence, 1596 Summit 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. College Chaplain.
Residence, 2268 Blake Avenue. N. W. Midway 1152.

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

FREDERICK JAMES MENGER, A. M.,
Head of the Department of Modern Languages,
Professor of German.
Residence, 1346 Grand Avenue. N. W. Midway 4301.

HAROLD OMER BURGESS, A. M.,
Professor of Latin Language and Literature.
Residence, 1745 Lincoln Avenue. N. W. Midway 2512.

HARRY DWIGHT WAGGONER, Ph. D.
Professor of Biology.
Residence, 1577 Ashland Avenue. N. W. Midway 7707.

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

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. Student Pastor.
Residence, 41 Macalester Avenue. N. W. Midway 537.

DONALD LITTLEJOHN HALVERSON, A. B.,
Adjunct Professor of Romance Languages.
Residence, 1803 Lincoln Avenue. N. W. Midway 5880

RALPH WILLIAM THACKER, A. B.,
Adjunct Professor of Physical Training.
Residence, 1742 Portland Avenue. N. W. Midway 4394.

ESTHER ALLISON TIFFANY, A. B.,
Instructor in English.
Residence, 890 Goodrich Avenue. N. W. Dale 3397.

GERTRUDE CRIST,
Instructor in Bookkeeping and Accountancy.
Secretary to Faculty, President and Registrar.
Residence, 1230 Dayton Avenue. N. W. Dale 5906.

HALLIE CHALFANT, A. M.,
Instructor in German and Spanish.
Residence, 1814 Lincoln Avenue. N. W. Midway 6796.

CARL CRUMBIE WHEATON, A. B., LL. B.,
Instructor in History and Forensics.
Residence, 3133 First Avenue South, Minneapolis.
N. W. South 1318.

LOUISE DOSDALL, A. B.,
Fellow in Biology.
Residence, 1332 Dayton Avenue. N. W. Midway 4716

JENNIE STANLEY HODGMAN,
Lecturer in History of Fine Arts.

Student Tutors

LAJLA DALE

ETHEL McCLURE

Student Laboratory Assistants and Readers

J. ARTHUR LEWIS
PAUL WILLIAMS
JESSE C. HALES
T. E. WADDELOW
AMY L. LE VESCONTE
ANGUS TAYLOR
LAJLA DALE
ETHEL McCLURE

EVELYN PAGE
FREMONT TAYLOR
DONALD AUGUSTINE
MARGARET HAMMOND
ETHELWYN HOPKINS
IRVING ROTH
WALLACE GIBSON

Assistant in Shop

LAURON H. LOVELACE

Assistant in Gymnasium

LILLIAN HANSON

Committees of the Faculty**Rules and Discipline**

GLENN CLARK

JULIA M. JOHNSON

R. U. JONES

Curriculum, Schedule and Excess Registration

F. J. MENGER

R. U. JONES

A. W. ANDERSON

GLENN CLARK

H. O. BURGESS

H. D. WAGGONER

H. D. FUNK

Library

F. G. AXTELL

A. W. ANDERSON

G. W. DAVIS

JAMES WALLACE

Publications and Public Exercises

GRACE B. WHITRIDGE

J. P. HALL

THE PRESIDENT

F. J. MENGER

D. N. KINGERY

Athletics

D. N. KINGERY

H. D. FUNK

R. W. THACKER

Student Organizations and Activities

G. W. DAVIS

F. D. McRAE

D. L. HALVORSON

JULIA M. JOHNSON

H. S. ALEXANDER

JAMES WALLACE

ESTHER TIFFANY

Buildings and Grounds

THE PRESIDENT

GRACE B. WHITRIDGE

D. L. HALVORSON

Graduate Activities

H. O. BURGESS

H. D. WAGGONER

H. S. ALEXANDER

Student Council

GLENN CLARK
A. J. ROBERTSON
LAJLA DALE
MILTON HEBEISEN
GERTRUDE SIMONS
WALTER LIENKE
ALICE HOUGH
GORDON MCLEAN

GRACE B. WHITRIDGE
SENIOR REPRESENTATIVE
SENIOR REPRESENTATIVE
SENIOR REPRESENTATIVE
SENIOR REPRESENTATIVE
JUNIOR REPRESENTATIVE
JUNIOR REPRESENTATIVE
SOPHOMORE REPRESENTATIVE

Other Officials

ALICE M. CLOUGH
A. W. ROBERTSON
T. E. WADDELOW
SAMUEL M. COOKMAN
OLAF CHRISTIANSON
ARTHUR PLANTE
A. G. SCHOONOVER

HOUSEKEEPER OF WALLACE HALL
STEWARD OF EDWARDS HALL
STEWARD OF EUTHENIAN CLUB
HEAD ENGINEER
ASSISTANT ENGINEER WALLACE HALL
ASSISTANT ENGINEER MAIN BUILDING
HEAD JANITOR

College Representation

For year ending March 1, 1917.

Wooster University, Wooster, Ohio, May 10, 1916. Inauguration of Dr. Campbell White as President. Benj. B. Wallace, '02.

World's Court Congress, New York City, May 2, 1916. Rev. F. D. Scott.

Rutgers College, New Brunswick, N. J., Oct 13. One hundred and Fiftieth Anniversary. Rev. William Porter Lee, D. D., '89.

Fiftieth Anniversary of the Founding of Carleton College, Northfield, Minn., October 12. President Hodgman, Dean Johnson.

Inauguration of Prof. William C. Laube, A. M., D. D., '01, Professor of Homiletics, German Pres. Theol. Sem., Dubuque, Iowa. Prof. Albert Kuhn, '06.

Inauguration of Rev. Remsen D. Bird, B. D., Professor of Church History, San Francisco Theol. Sem., September 20, 1916. Dr. W. W. Cort.

Annual Meetings of Association of American Colleges and Presbyterian College Union, January 11-13, Chicago. Trustee J. S. McLain and President Hodgman.

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.

Dr. James Wallace resigned the presidency June, 1906, and in January, 1907, Thomas Morey Hodgman, A. M., professor in the University of Nebraska, was elected president. 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.

In accordance with the plan, adopted by the Board of Trustees, at the annual meeting in June, 1913, to discontinue the activities of a preparatory department, Baldwin School went out of existence in 1916.

Macalester College began as a school for men only, but in September, 1893, the Trustees made the institution coeducational.

Macalester College sets, for its ideal of efficiency, an endowment of \$1,000,000, a plant of \$500,000 and a maximum attendance of 500 students. Its most pressing needs are a gymnasium for men, a central heating and power plant, a library building and a chapel.

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—.

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.

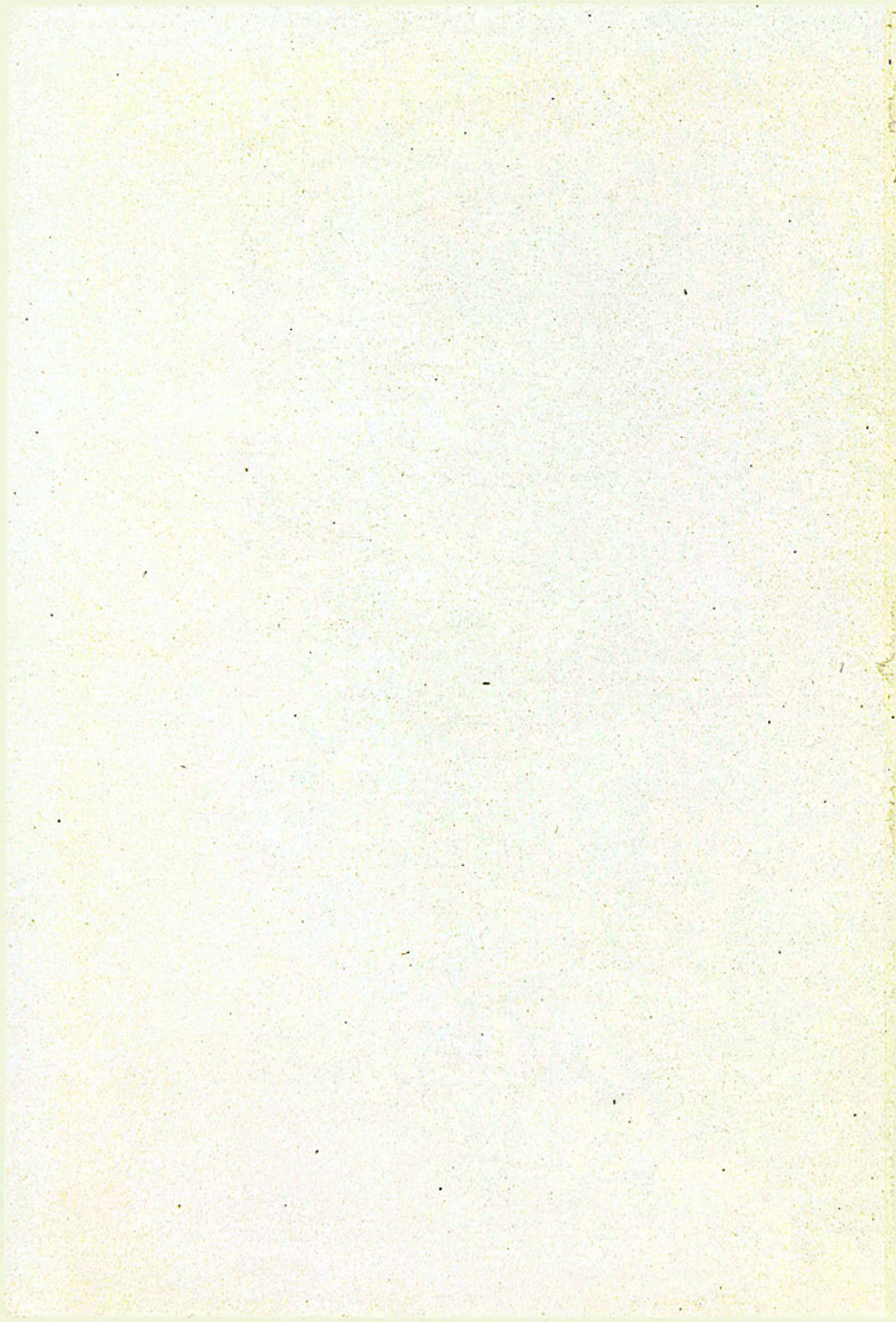
*Deceased



Men's Dormitory

GENERAL VIEW OF COLLEGE BUILDINGS
Main Hall

Science Hall



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 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 floors are of maple over reinforced concrete except those of the halls which are of cement with terrazzo borders. The interior finish and furniture are of birch. 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. The entire building is electrically lighted and steam heated. Ventilation is of the most approved type. Pure air passes into the basement over steam coils and is driven thru the building by electric fans. In the attic another fan draws out the foul air. Electrical connections are provided in all of the lecture rooms for both direct and alternating currents for projection as well as for general demonstrations and lectures. Light is abundant and well directed. For its size and purpose this building has no superior.

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. This hall is for men exclusively. The building is heated by steam and lighted by electricity.

Wallace Hall is a dormitory for women, situated at the corner of Summit and Macalester avenues, and so arranged that sunlight falls into every room. In addition to the students' rooms there are elegant parlors, a dining room that seats one hundred, and a large gymnasium in the basement. The classes for the physical training of women are held here. It is heated by steam, lighted by electricity, has hot and cold water in every room, shower and tub bath facilities. It accommodates eighty students. The whole building has every modern appointment and is absolutely fireproof. It is believed that no building of its kind west of Chicago can approach it or be compared with it in plan and equipment. Choice of rooms will be given in order of application.

Edwards Hall is a substantial three-story commons for men, on Macalester Avenue, one block south of the college. It is named after W. C. Edwards, of St. Paul, thru whose liberality it was erected. It sets tables for seventy-five. The students in this building form a club and manage the boarding department under a matron and other officers of their own choice, subject to the general supervision of the faculty.

Taylor Cottage, named in memory of H. Knox Taylor, a trustee and treasurer, is a frame building used at present as a professor's residence.

Euthenian Hall, 104 Snelling Avenue, S., is a residence leased by a club of men and has dining room facilities for twenty-five.

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

The college buildings with their furnishings, laboratory equipment, library, together with the campus, are conservatively valued at \$383,197.

Library

The Library contains about fifteen thousand five hundred volumes. The working collection 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 includes rare works in Puritan and Colonial history and theology, and in early American travels, together with

examples of fifteenth and sixteenth century printing and valuable 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 every tuition fee.

Henry L. Moss, a former trustee of the college, at his death in 1902, left his property for the support of the Library, subject to life use by Mrs. Moss. The income from this bequest is at present four hundred dollars.

The alcove of economics receives twenty-five dollars annually from Mr. F. A. Hodgman, of New York City, in memory of his mother, Mary Hurlbut Hodgman.

Annual gifts or permanent funds are desired for other alcoves.

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

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

- | | |
|--|--|
| Advocate of Peace. | Harper's Magazine. |
| American Economic Review. | Herald and Presbyter. |
| American Historical Review. | Hibbert Journal. |
| American Journal of Archaeology. | Home Mission Monthly. |
| American Journal of Sociology. | House Beautiful. |
| American Mathematical Monthly. | Independent. |
| American Naturalist. | Industrial Arts Magazine. |
| American Political Science Review. | International Review of Missions. |
| Annals of the American Academy of
Political and Social Science. | Journal of American Chemical Society. |
| Assembly Herald. | Journal of Educational Psychology. |
| Association Men. | Journal of Geology. |
| Art and Archaeology. | Journal of Home Economics. |
| Association Monthly. | Journal of Industrial Chemistry. |
| Atlantic Monthly. | Journal of Political Economy. |
| Bible Champion. | Literary Digest. |
| Bible Society Record. | Living Age. |
| Biblical Review. | London, Edinburgh and Dublin Philo-
sophical Magazine. |
| Bird Lore. | Missionary Review of the World. |
| Bookman. | Mississippi Valley Historical Review. |
| Century Magazine. | Modern Language Journal. |
| Chemical Abstracts. | Musican. |
| Christian Endeavor World. | Musical Quarterly. |
| Classical Journal. | Nation. |
| Contemporary Review. | National Geographic Magazine. |
| Continent. | New Republic. |
| Country Life in America. | New York Times. |
| Crisis. | North American Review. |
| Current Opinion. | Outlook. |
| Dial. | Philippine Presbyterian. |
| Education. | Political Science Quarterly. |
| Educational Review. | Popular Astronomy. |
| English Journal. | Popular Mechanics. |
| Etude. | Proceedings of the Academy of Polit-
ical Science in the City of New
York. |
| Expository Times. | Progress. |
| Forum. | |

Publications of the Modern Language Association of America.	Science.
Quarterly Journal of Economics.	Scientific American.
Range News.	Scientific American Supplement.
Reader's Guide to Periodical Literature.	Scientific Monthly.
Record of Christian Work.	Scribner's Magazine.
Religious Education.	Sunday School Times.
Review of Reviews.	Sunday School World.
St. Paul Pioneer Press.	Survey.
School and Society.	Woman's Work.
School Review.	World's Work.
School Science and Mathematics.	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 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 fail in term grade or in both the regular and condition examinations, must take the subject again in class to secure credit.

For private and condition examinations a fee of fifty cents shall be paid for each examination to the Secretary of the Faculty, 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 from the liberal arts course receive the degree of Bachelor of Arts, those from the science course the degree of Bachelor of Science. 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 Margaret Douglass Downing, the junior to Charles Gerlinger and the sophomore to Ruth Ludlow Moore.

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 G. R. Collins and Irving J. Roth.

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 G. R. Collins, Irving Roth, Charles Gerlinger, Wallace Gibson, Walter Lienke and John E. Cecil.

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. The contest in 1916-17 was won by Oscar L. Black of Macalester. Messrs. W. J. Dean and C. W. Ames of St. Paul last year gave Macalester's share of these prizes.

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 Berthold Hensel.

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

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 Esperanza Reina.

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.

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

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. Held this year by Ethelwyn Hopkins.

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 Fremont D. Taylor.

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

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 G. R. Collins.

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 sopho-

more 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 Charles Gerlinger.

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 Alice Hough.

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 Athenaeum and Eulogian societies admit men, and the Clionian 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. Macalester's representative this year in the State Intercollegiate, was Charles Gerlinger. The representatives in the Macalester-Hamline Senior Oratorical contest were Oscar L. Black, Charles Gerlinger, and Swan W. Mattson.

The college takes part in three debates this year, meeting Hamline, Coe and St. Olaf. The following men made up the squad from which the teams have been selected: Charles Gerlinger, Walter Lienke, Frank Holmes, G. A. Jensen, O. L. Black and N. E. Nygaard. The Freshman-Sophomore Annual Debate for the loving cup provided by the Forensic Board was won this year by the Sophomore class.

College Band.—Walter Lienke, leader.

College Glee Club.—Wallace S. Hall, leader.

Women's Glee Club.—H. E. Phillips, leader.

Education Club.—This is an organization of students interested in the advancement of pedagogical training and knowledge. The club meets on the first and third Monday evenings of each month. All college students are eligible to membership.

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. 3, 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, 1708 Marshall Ave., St. Paul.

Secretary and Treasurer, R. E. Greig, 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 twenty-six active members; five unconditioned sophomores and twenty-one juniors and seniors. 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 sophomores 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 may 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 nineteen graduate members. By action of the faculty just before commencement last June, the name of Arthur G. Adams was added to the roll of the society under the rule above stated regarding seniors about to be graduated.

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, Charles Gerlinger; Vice-president, Ethel Marie McClure; Secretary, Gladys Reutiman,

The Executive Committee of the society is composed of the officers named above with Professors Alexander and Johnson.

The list of active members is as follows:

WYLIE GUSTAVE AKENSON
DONALD LESLIE AUGUSTINE
ELLA ISABELLE CLAPP
LAJLA MARIE DALE
WALFRED DANIELSON
ALICE MURIEL EVERTS
CHARLES GERLINGER
ROY ALFRED GREIG
ESTELLE HAMMERLUN
CHARLOTTE HAWLEY
VICTOR A. HEED
FRANK ORVILLE HOLMES
ESTHER JERABEK

MERLE CONSTANCE JOHNSON
WALTER AUGUST LIENKE
ETHEL MARIE MCCLURE
HELEN WILLINA MCRÆ
ERNST GUSTAV NORSTRUM
EVELYN BRADBURY PAGE
GLADYS HARRIETT REUTIMAN
JOSEPH HOWARD RHOADS
IRVING JOHN ROTH
MYRTLE DOROTHY STEEN
HELEN STRACHAN
FREMONT DAVID TAYLOR
MIRIAM WINIFRED WALLACE

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 encouraged, 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 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.

Class work in physical training is required of all men of the freshman and sophomore years.

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

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

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.

Publications

The following publications are issued from the college:—

The College Catalog, which is one number of **The Macalester College Bulletin**, a quarterly paper 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 is 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 Irving J. Roth.

Expenses

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

Tuition, regular student.....	\$37.50
Special student (not more than eight hours).....	20.00
Special student (not more than five hours).....	12.00

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
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, with care.....\$1.25
 Room rent per week—inner rooms, with care.....1.00

For each person.

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

Men students board at Edwards and Euthenian clubs, 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. A woman is employed to keep these rooms in order. 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 may be reached by the Northwestern telephone, Midway 486; The President's residence, Dale 2450; Wallace Hall, Midway 535; Men's dormitory, Midway 320; Edwards Hall, Midway 6799; Euthenian Hall, Midway 1259; Head Janitor, Midway 4414; Conservatory of Music, 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.*

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 and two in mathematics. 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 of 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.

Registration with Conditions.—A student submitting thirteen and a half units will be admitted as freshman, conditioned, and may make up deficiencies in certain courses.

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 expecting to study for the B. A. degree are advised to present the following units for entrance:

English 4	Algebra 1½ or 1
Latin 4	Geometry 1½ or 1
Modern Language 2	

The remaining units may be selected from the following:

History 1 or 2	Physics 1
German 2	Civics ½
Greek 2	Physiology ½ or 1
French 2	Zoology ½ or 1
Chemistry 1	Physical Geography ½ or 1
Botany ½ or 1	Manual Training ½ or 1

Students intending to study for the B. S. degree are advised to present the following ten units:

English 4	Algebra 1½
German or French 2	Geometry 1½
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 ½ or 1	Physiology ½
History ½, 1 or 1½	Greek 1 or 2
Zoology ½	Physical Geography ½ or 1
French 1 or 2	German 1 or 2
Manual Training ½	Civics ½

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:

For the B. A. Degree	For the B. S. Degree
Composition and Rhetoric 2 units	Composition and Rhetoric 2 units
Literature 2 units	Literature 2 units
Algebra 1 or 1½ unit	Algebra 1½ unit
Geometry 1 or 1½ unit	Geometry 1½ unit
Latin 4 units	Latin 2 units
Greek or German 2 units	German 2 units
History and Civics 2 units	History and Civics 2 units
Natural Science 2 units	Natural Science 2 or 3 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.

Courses of Study

The College of Liberal Arts embraces the following general courses:—

1. The Liberal Arts Course, leading to the degree of Bachelor of Arts.
2. The Science Course, leading to the degree of Bachelor of Science.

On entrance, the student makes choice of one of the above courses. Thereafter, deviation from the course chosen must be with the approval of the faculty upon written application, stating reasons.

Requirements for Graduation

Number of Credits.—One hundred and twenty-seven credits are required for graduation in either of the above courses.

The term credit in the following pages means one hour a week for one semester in class room, or its equivalent in laboratory.

Credits Required in All Courses.—The following credits are required both for the B. A. and the B. S. degree:—

- (1) 7 credits in Religious Education and Mental Science 2.
9 credits selected from Greek 9 and History 3, Mental Science 11 and Religious Education.

At least two 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.

Credits Required for the B. A. Degree.—For the B. A. degree, the following credits in addition to the above are required:

- (1) Six years of foreign language, four of which may be secured in the high school or academy. Four years of this requirement must be in one language, two in another. One year of a language may not be counted for the six here required. If the student's major be in Group I, two of the six years must be Latin or Greek.

- (2) 12 credits in science.

Credits Required for the B. S. Degree.—In addition to the requirements in all courses, the following credits are required for the B. S. degree.

- (1) 8 credits in Mathematics 1 and 2.

(2) Two years of a modern language in the college course, unless student presents three units of a modern language, or two units of a modern language and two units of another foreign language from high school or academy.

(3) In addition to the major, the student must have eighteen credits from two departments of science.

Honor Points.—In addition to the one hundred and twenty-seven credits mentioned above, an equal number of honor points is required. These are 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.

This system of honor points goes into effect with September, 1917. For students in attendance previously to that date, the honor points required are equal in number to the credits still to be earned for graduation.

Courses for the Freshman Year.—The required courses for the freshman year are:—

For the B. A. Degree

Religious Education 1, 2 hours
(first semester)
English 1, 3 hours
Latin, Greek, French or German (to complete requirements above), 4 hours
One subject from Group III.
Personal Hygiene

For the B. S. Degree

Religious Education 1, 2 hours
(first semester)
English 1, 3 hours
Latin, Greek, French or German (to complete requirements above), 4 hours
Mathematics
One Subject from Group III.
Personal Hygiene

The elective courses for the freshman year are:—

Religious Education 1 (second semester)
Biology 1, 2
Chemistry 1, 2, 3
Expression 1
Foreign Language
History 1, 5, 6
Mathematics 1a, 1, 2, 9
Music
Applied Mechanics 1

Religious Education 1 (second semester)
Biology 1, 2
Chemistry 1, 2, 3
Expression 1
Foreign Language
History 1, 5, 6
Mathematics 9
Applied Mechanics 1

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

Science requirements in the B. A. course 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 at 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 (major only.) |

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) For the B. A. degree, the major must be selected from Group I or Group II. For the B. S. degree, the major must be chosen from Group III.

(2) 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.

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

French 1-2, German 1-2, Greek 1a, Latin A and B, 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.

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.

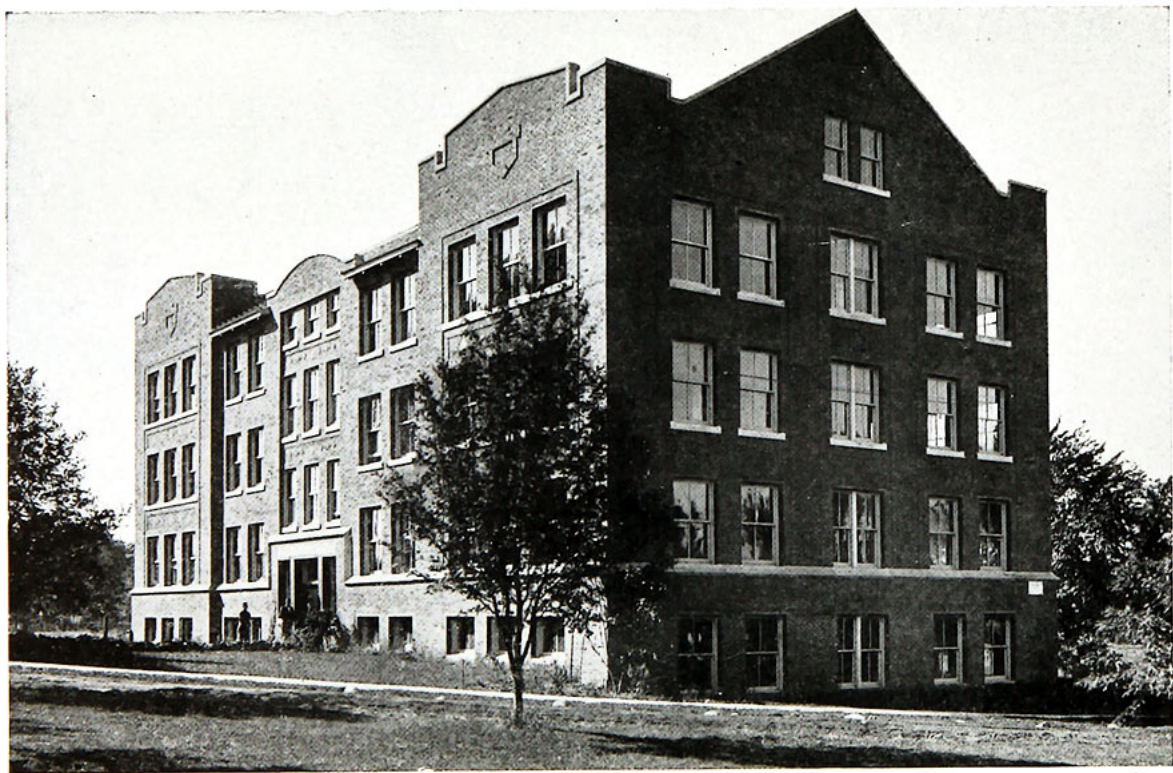
Classification with Conditions.—A student is classified as freshman with conditions who presents fewer than fifteen units or their equivalent of high school work and not fewer than thirteen and a half of such units; a student will be classed sophomore on removing all entrance requirements except one-half unit, and gaining twenty-four college credits; he will be ranked junior on removing all entrance requirements and obtaining fifty-four college credits; he will be 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.

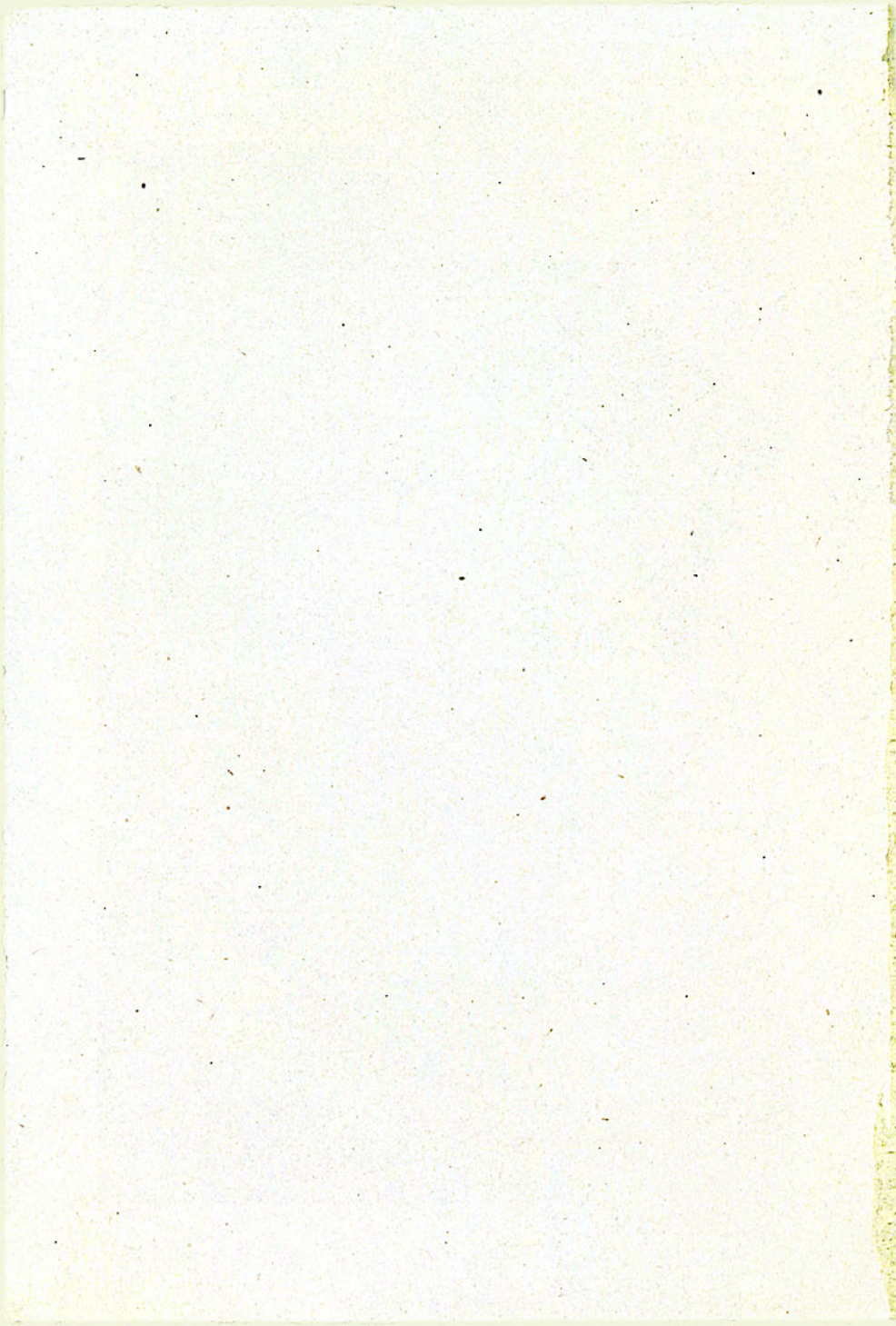
Changes of Course and Unfinished Courses

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.

Unfinished Courses.—Students who drop a year course at the end of one semester lose all credit in that course unless some



CARNEGIE SCIENCE HALL



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.

Respecting Courses Offered

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.

Courses of Study.—For detailed information respecting the courses of study offered see the heading, Departments, page 40, and following.

Preparation for Study of Professions

In general colleges do not offer the highly specialized and technical courses required in the professional schools. The object of a college is rather to lay a foundation for such study in a broad and thoro culture. At the same time 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 profession. The student on selecting his profession 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 professional study.

For the Study of Medicine.—Thoro courses in chemistry, physics and biology will be most helpful to the student and in most of the better medical schools are required.

For the Study of Law.—The courses in social and political science, English and argumentation, jurisprudence and history, especially constitutional history, are advised. Able students who find it necessary to economize in time will find it possible to gain a year by taking some courses in the evening classes of the Saint Paul Law School along with their college courses.

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.—Because of the large number of its graduates who become teachers, the college has made special provision for their needs. 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.

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 unconditional 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.

Student Advisers

The Board of Trustees on recommendation of the Faculty has changed the advisory system because of the growing emphasis on the major work of the student.

For registration, advice and supervision all freshmen are referred to the following committee:—

Professors Clark, Hall, Halverson, Whitridge and Tiffany.

All sophomores are referred to the following committee:—

Professors Alexander, Anderson, Burgess, Menger and Kingery.

Thru the Junior and Senior years a student is advised by the head of the department in which he majors. 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.

Departments

Biology

Professor Waggoner and Miss Dosdall

All courses should be arranged with the approval of the head of the department if the previous work is in any way irregular. This does not apply to courses 1, 2 and 22 which may be taken by any student registering in the college. Courses 1, 2, and 22 do not count toward a major in biology.

1. Elementary Botany.—

This course deals with the green plant in relation to the home life of the student. Attention is paid to those phases of the subject that have a direct bearing upon agriculture, horticulture and gardening. The life cycle of the green plant, beginning with the flower, is the central idea about which this course is built up.

First semester, seven hours a week, three credits.

2. Elementary Zoology.—

Representatives of the various groups of invertebrates are considered in laboratory, lecture and recitation. The greater part of the work is given over to the study of those forms that are closely connected with human welfare, such as the insects, parasitic worms, etc. Some time is given in the field to the study of the bird life during the spring migration. The complex inter-relation of animals to each other and to their food supply is studied in detail. This course follows biology 1.

Second semester, seven hours a week, three credits.

3. Human Physiology as Related to Health.—

This course consists of lectures, demonstrations and recitations upon the functions and structure of the human body. Special attention is given to those aspects of the subject that have to deal with the preservation of health.

Prerequisite, course 1 or 2, or equivalent. First semester, three hours recitation and two hours' laboratory a week, three credits.

4. Flowering Plants.—

This is a systematic study of the flowering plants of the vicinity, both cultivated and native. Emphasis is placed upon those plants useful for decorative and other purposes.

Prerequisite, course 1 or equivalent. Second semester, hours and credit to be arranged.

5. Plant Physiology.—

This course deals in detail with the fundamental physiological processes of the plant. Emphasis is placed upon those phases of the subject that throw light upon the physiology of other forms of life. The relation of the plant to the soil is considered in detail.

Prerequisite, course 1 or equivalent. (Hours to be arranged.) Second semester, six hours in the laboratory a week, three credits.

7. Vertebrate Zoology.

This course is a study of the anatomy of the vertebrates from the laboratory standpoint. The work consists largely of dissection with occasional recitations and quizzes. This course is primarily for those preparing for the study of medicine.

Prerequisite, courses 2 and 3, or equivalent. (Hours to be arranged.) Second semester, seven hours in laboratory a week, three credits.

10. History of Biology.—

This course consists of a study of the lives and work of the more important men who have shaped biological thought.

Prerequisites, courses 1 and 2, or equivalent. (Hours to be arranged.) Two hours a week, two credits.

12. Individual Courses.—

Advanced students may, with the approval of the head of the department, take up lines of work not covered in the regular courses. The subjects offered include various phases of agriculture, economic zoology and botany, as well as advanced work along the lines of the regular courses.

Hours and credit to be arranged. First or second semester.

20. Teachers' Course in Biology.—

Training in the theory and practise of the teaching of biology. Weekly conferences are held on the methods of teaching; opportunity is given for practise in laboratory instruction, grading of note and examination papers; questions connected with the planning of high school courses in biology, the preparing and buying of material, text books, etc., are discussed. Open only to seniors who have had sixteen credits in biology.

Hours to be arranged. One year, three hours a week, four credits.

21. Cryptogamic Botany.—

This course deals with the lower forms of plant life in their relation to each other. Emphasis is placed upon those forms

that are of economic importance such as bacteria, yeasts, and the fungi that cause plant diseases.

Prerequisite, course 1 or equivalent. (Hours to be arranged.) First semester, six hours a week, three credits.

22. Bacteria in Relation to Disease and Sanitation.—

This is a course of lectures suited to the general or special student who desires to have an intelligent idea of the cause and prevention of the important diseases. Special attention is paid to the biological principles which underlie scientific nursing and sanitation. This course may be taken in connection with course 12.

First or second semesters, one hour a week, one credit.

24. Heredity.—

This course includes a study of man, the lower animals, and plants, from the standpoint of heredity and environment. Emphasis is placed upon those aspects of the subject which are concerned with the hereditary traits and characters as found in man. This course is designed for the general, as well as the special student.

Prerequisite, six credits in biology or equivalent. Course follows course 3. Second semester, two hours a week, two credits.

25. Field Work.—

This course is for those who wish a knowledge of the birds and plants as they appear in the spring.

Prerequisites, courses 1 and 2, or equivalent. (Hours to be arranged.) Second semester, four hours a week for the last half of the semester, one credit.

Courses 22 and 24 are of great value to the prospective teacher inasmuch as the subject matter deals with things that concern the child directly. Courses 1, 2, 3, 22 and 24, are recommended for those who desire a general view of the subject. The other courses are intended for those taking a major or minor in biology or in a closely related line of work.

Chemistry

PROFESSOR JONES

Courses 1 and 10 are not counted toward a major or minor.

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.

Students who have one unit of high school chemistry must take the lecture and classroom work of this course before they are eligible to take the courses following. Four credits will be allowed for this work. Students with very high standing in their high school chemistry will be allowed upon passing an examination, to omit this course.

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, courses 1 and 2 or 1 and 3. 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.

Education

PROFESSOR ANDERSON

1. 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. First semester, three hours a week, three credits. Students taking this course are advised to register at the same time for Philosophy 1, unless they have already obtained credit in that course.

2. 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, course 1; also Philosophy 1. 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, fifty-four credits. First semester, three hours a week, three credits. Not given in 1917-1918.

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 given in 1917-1918.

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 7
Biology 20	Mathematics 7
Chemistry 10	Applied Mechanics 2
English 11	Physics 5
German 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 the heads of those departments.

English

PROFESSORS JOHNSON, CLARK, WHITRIDGE and MISS TIFFANY

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

PROFESSOR CLARK, MISS TIFFANY AND MR. WHEATON

1. **Composition.**— PROFESSOR CLARK AND MISS TIFFANY
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. **Advanced Composition.**— PROFESSOR CLARK
A small magazine will be published by the students of this course in which the best productions will be printed. To defray the expense of publishing this magazine a small laboratory fee is charged. First semester, the essay; second semester, the short story.

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

3. **Play Writing.**— PROFESSOR CLARK
The aim of this course is to discover the dramatic values in life and the best methods of expressing them in literature. Representative plays are analyzed for technique in plot, character portrayal and dialog, and a model of each type is constructed in the class room. A one-act play is required of each student and opportunity will be given for producing more elaborate structures.

Prerequisite, English 1. Second semester, three hours a week, three credits. Not offered 1917-1918.

4. **Newspaper Writing.**— PROFESSOR CLARK
Open to all members of the Mac Weekly staff and student reporters on the Twin City papers as well as to those who have shown some skill in writing in English 1 or English 2, first semester, and wish an introduction to the field of journalism. The course will consist largely of lectures by editors and reporters of the Twin City papers, and will be under the general supervision of Editor J. S. McLain of the Minneapolis Tribune. The course may be elected for one or both semesters.

One year, one hour a week, two credits.

- 5. Seminar in Advanced Composition.**— PROFESSOR CLARK
Admittance to this course is by approval of the instructor. To be admitted a student must have shown unusual aptitude for writing and must have completed one-third of the writing required for the course before he enters it. A student may pursue any form of writing which meets the approval of the instructor. A student desiring to be admitted to this course should, if possible, consult with the instructor during the spring or summer preceding enrollment in the course.
Prerequisite, fifty-four credits. One semester, one hour a week, one credit.
Students taking advanced composition courses are advised to take also courses in English Literature.
- 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.**— MR. WHEATON
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 1917-1918.

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 1917-1918.

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 1917-1918.

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. Second semester, three hours a week, three credits.

Greek

PROFESSOR HALL

Course 1a is not counted toward a major or minor.

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

History

PROFESSOR FUNK, MRS. HODGMAN AND MR. WHEATON

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, 4 and 9. 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 FUNK
From 31 B. C. to 1300 A. D. A suitable text-book, sources, and documents form the basis of the work, supplemented by collateral reading, and topical reports.
One year, three hours a week, six credits.
2. **English Political and Constitutional History.**— MR. WHEATON
This is a study of the political and constitutional development of England from the Norman Conquest until 1815. Collateral reading and a thesis are required.
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.**— MR. WHEATON
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
From the adoption of the constitution to 1850.
First semester, three hours a week, three credits.
6. **American History.**— PROFESSOR FUNK
From 1850 to the present time.
Second semester, three hours a week, three credits.
7. **American Colonial History.**— PROFESSOR FUNK
Beginning with the earliest settlements in the colonies this course aims to trace the development of those institutions and forces which led to American independence. It also includes a study of the making of the constitution and its adoption.
First semester, three hours a week, three credits.
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. One year, three hours a week, six credits. Not offered 1917-1918.

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.
Second semester, three hours a week, three credits.
10. **History of Rome.**— MR. WHEATON
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.**— MRS. HODGMAN
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
One 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, two hours a week, one credit.

Latin

PROFESSOR BURGESS

Courses A, B and C are not counted toward a major or minor.

A. **Beginning Latin and Nepos.**—

Two-thirds of the year are devoted to the study of declensions and conjugations, syntax and vocabulary, translation to and from the Latin, and to conversation. The last third of the year is devoted to Nepos' Lives.

One year, five hours a week, ten credits.

B. **Caesar and Cicero.**—

Caesar's Commentaries will be studied for the first semester, with prose composition. Cicero's Orations, the second semester.

One year, four hours a week, eight credits.

C. **Cicero, Virgil, Ovid.**—

Cicero's Orations and Virgil's Aeneid, first semester. Virgil and Ovid, second semester.

One year, four hours a week, eight credits.

1. **Cicero, Livy, Pliny.**

Cicero, De Senectute; Livy, selections from books I, XXI and XXII; Pliny's Letters. In this course the aim is to fix the student's knowledge of grammatical forms and syntax, and, by constant drill and prose composition, to familiarize him thoroly with fundamental principles and enlarge his vocabulary.

Prerequisite, four years' work in Latin. One year, four hours a week, eight credits.

2. **Horace, Tacitus, Juvenal.**—

(a) First semester:—Horace, Odes, Epodes, Satires and Epistles. A thoro knowledge of forms and syntax is pre-supposed. Much time is spent on literary content and style. A thoro study is made of the life of Horace, his literary art and prosody. Thruout the course are noted the condi-

tions in the Roman literary world and the various phases of life and politics under the Early Empire.

(b) Second semester:—*Germania* and *Agricola* of Tacitus or some other prose work, illustrative of the language, character of thought, social and political conditions of the Silver Age. Juvenal's *Satires*; private life of the Romans.

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

3. **The Latin Drama.**—

Plautus, Terence, The Senecan Tragedies. A study of representative plays with lectures and topical work on the sources and treatment of material, social conditions, the theater, actors and spectators.

First semester, three hours a week, three credits.

4. **Roman Philosophy.**—

(a) Lucretius and Epicurean philosophy. This course consists of the reading and interpretation of the text of Lucretius with a study of his philosophy and its sources. (b) Cicero.—The *New Academy*. (c) Seneca.—Stoicism. A study of the dialogs of Seneca and a survey of Stoicism in Rome.

One year, three hours a week, six credits.

5. **Letters of Cicero.**—

A course for those intending to teach Latin. In addition to the translation of selections from the *Letters*, collateral work will be assigned to familiarize the student with the life of Cicero, social and political conditions under the Republic.

One semester, two hours a week, two credits.

6. **Grammar and Composition.**—

A course in advanced composition and a study of prose style and of grammatical rules and principles.

One semester, two hours a week, two credits.

7. **Teachers' Course.**—

This course is designed to prepare students to teach the Latin of secondary schools. A study is made of the cultural and educational value of Latin; its relation to the English language and literature and the Romance languages; its use in the terminology of the sciences, the law and other professions; Roman civilization as a basis for our own; mental training. Based on Sabin's *Relation of Latin to Practical Life* and Kelsey's *Latin and Greek in American Education*. A study of grammar, *Nepos' Lives*, *Caesar*, *Cicero*, *Virgil* and *Ovid* from the standpoint of the high school teacher. The place of each in the curriculum.

One year, three hours a week, six credits.

8. Roman Elegiac Poetry.—

Selections from Catullus, Tibullus, Propertius and Ovid with a study of the rise, development and characteristics of Roman elegiac poetry.

One semester, three hours a week, three credits.

9. Roman Law.—

This course consists of translation of the text of the Institutes of Justinian and a study of Morey's Outlines.

One semester, two hours a week, two credits. Prerequisite for courses 3 to 9, courses 1 and 2, or course 1 completed with a grade of A.

10. Roman Archaeology.—

This course designs to familiarize the students with the city of Rome and to enable them to feel that if placed in the audience of Cicero before the Rostra, they would be familiar with their surroundings and could find their way about the Capital of the World. To bridge the gap between modern Rome and the ancient city, a study is made of the ruins remaining, bridges, roads, walls, fora, temples, theaters, amphitheatres, circuses, thermae, arches, tombs, sculpture. A study of the Campagna and Roman building materials. No knowledge of Latin is required.

Prerequisite, a course in Roman history. 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.

Prerequisite, twenty-four credits. 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.—

A course designed to study more exhaustively certain problems suggested in course 1, in the domain of comparative, social and

educational psychology. The psychology of animals, of races and of society are taken up; then the mental life of childhood and adolescence; and, finally, the bearing of the science upon education, business and professional life is studied.

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 1917-1918.

13. 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 1917-1918.

Modern Languages

PROFESSOR MENGER, ADJUNCT PROFESSOR HALVERSON,
MISS CHALFANT.

German

PROFESSOR MENGER, MISS 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; Lyrics.—

General reading course.

Prerequisite, courses 1-2 and 3 or three years of high school German. One year, three hours, six credits.

5.* Nibelungenlied.—

Reading of selections from this and other epics in a modern German translation.

Lectures on the interpretation of its mythology.

One 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.
One 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.
One semester, three hours a week, three credits.
9. **Goethe.—**
His life, especially as reflected in his works; the reading of several of his dramas, his lyrics and most important philosophic poems.
One semester, three hours a week, three credits.
10. **Goethe's Faust, First Part.—**
Prerequisite, course 9 of which this is a continuation. Courses 7 and 8 should also precede.
One semester, three hours a week, three credits.
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.
*Courses 5-11 are electives. Consult instructor before electing. Courses 5-10 semester courses, will be announced whenever offered. Students majoring in German and intending to teach the language should elect German throughout the four years.

French

ADJUNCT PROFESSOR HALVERSON

- 1-2. **Elementary French.—**
Essentials of grammar, composition, conversation, reading.
One year, four hours a week, eight credits.
3. **French Readings.—**
Reading, composition, conversation.
Prerequisite, course 1-2 or two years of high school French.
One year, three hours a week, six credits.

4. Survey of French Literature.—

This course, beginning with the Song of Roland, takes a representative work from each important period of French literature to the present day. Lectures, outside readings and reports.

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

5. French Novel.—

Lectures, outside readings and reports.

Prerequisite, course 4 or an equivalent.
One year, two hours a week, four credits.

6. French Drama.—

Lectures, outside readings and reports

Prerequisite, course 4 or an equivalent.
One year, two hours a week, four credits.

Teachers' Course.—

French phonetics, advanced syntax, conversation and methods of teaching. Required of those who desire to teach French.

One year, three hours a week, six credits.

A major in French requires continuous work throughout the four years of the college course.

Spanish

MISS CHALFANT

1. Elementary Spanish.—

Grammar, composition, conversation, reading.

One year, four hours a week, eight credits.

2. Spanish Readings.—

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

Two years of Spanish are advised.

Music

MR. PHILLIPS, MR. FAIRCLOUGH, MISS KAY

Music may be chosen as a major for the degree of Bachelor of Arts. The maximum number of credits permitted in such work is thirty-two. Not more than eight credits for practical music (voice, organ, piano, violin) will be allowed and then only after a sufficient amount of harmony (usually two years) has been completed, and when recommended by the faculty of the Conservatory of Music. All other college work must conform to the usual requirements of the Bachelor of Arts degree.

The following courses are required of students majoring in music: Harmony, eight credits; Physics 6, two credits.

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.

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.

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. Not offered 1917-1918.

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 applied mechanics 2 afford excellent preparation for teaching 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 AND ANDERSON

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, first semester, and 2 are not counted toward a major or minor.

1. The Life of Christ.—

PROFESSOR WALLACE

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 semester, two hours a week, two credits; elective, second semester, 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.

One year, two hours a week, four credits.

10. Apologetics.— PROFESSOR McRAE

This course aims chiefly at three things.

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

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

Third, a rapid survey of the field of comparative religions with special reference to Hinduism, Buddhism, Zoroastrianism and Confucianism.

First semester, three hours a week, three credits.

11. The Philosophy of Religion.— PROFESSOR McRAE

This course is supplementary to the course in apologetics. It aims to exhibit and defend a philosophic conception in harmony with the Christian religion.

Prerequisite, course 10. 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.

The Home Base and Latin America.—The "Home Base" deals with the responsibility of the church to foreign missions, the resources of the church, missionary giving, and a general educational church policy. The study of Latin America includes the character of the countries, races, languages, religions, governments, explorations, pioneer mission work, international and immigration possibilities, and present missionary operations. Lectures and text books.

First semester, two hours a week.

Africa.—This study of Africa will include the character of the continent, races, languages, religions, political divisions, explorations, international relationships, pioneer mission work and present missionary enterprises. The basis for this course will be Jean Mackenzie's "African Trail." Lecture and text book plan.

Second semester, two hours a week.

14. The Bible by Periods.—

This course is a structural study of the Bible, designed to give to the student a comprehensible grasp of Bible content, and an understanding of God's progressive plan to reveal himself to the world. A careful tracing of the main Bible themes is made, and a background arranged for later synthetic and analytic Bible study. It is based on the various outline works—Oliver, Hurlburt, etc., and on Sells' "Bible Study Periods."

Second semester, two hours a week.

15. Hebrew.—

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

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 AND MISS CRIST

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. "Outlines of Sociology" by Blackmar and Gillin will be used as a text book, but other systems will be presented and discussed.

Prerequisite, twenty-four credits. 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.

Prerequisite, course 1. First 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.

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.

Prerequisite, twenty-four credits. 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. First semester, three hours a week, three 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. Not offered 1917-1918.

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.— MISS CRIST

One semester, five hours a week, three 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. Professor Gettell's "Introduction to Political Science" will be used as a basis of study.

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.

Physical Education

(Men)

ADJUNCT PROFESSOR THACKER

1. Personal Hygiene.—

Lectures on the biological aspects of development of the body, the relation of recreation and training to growth and function of the different organs, hygiene of digestion, respiration, with special attention to corrective measures in overcoming improper position in standing and walking and care of the proper growth of the feet.

First semester, one hour a week, one credit on completion of course 2. Required of all men of the freshman 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 bed rooms; care of the ears, throat and nose; deep breathing; the foot and the shoe; dress.

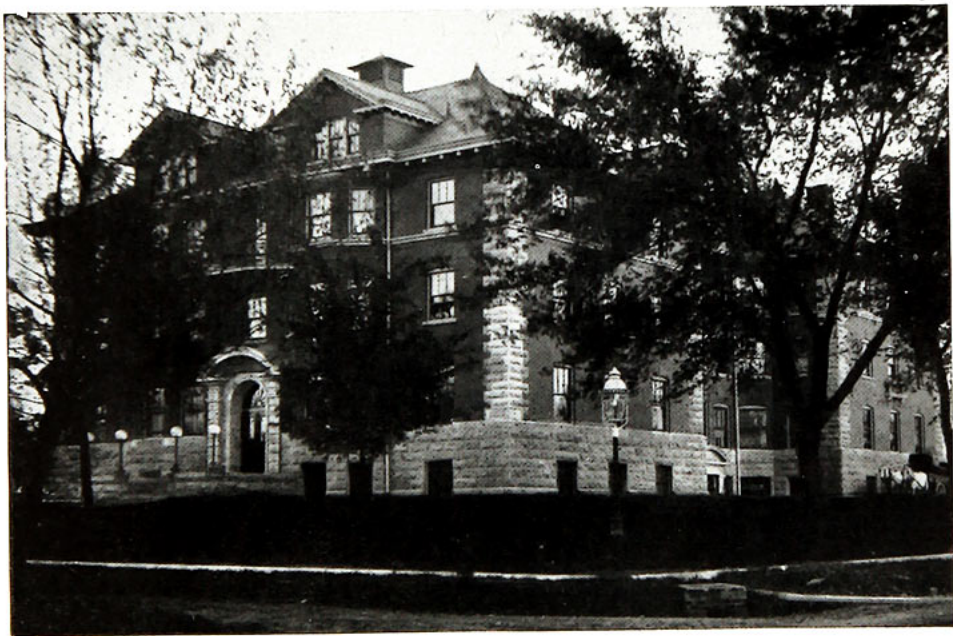
2. Physical Training.—

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

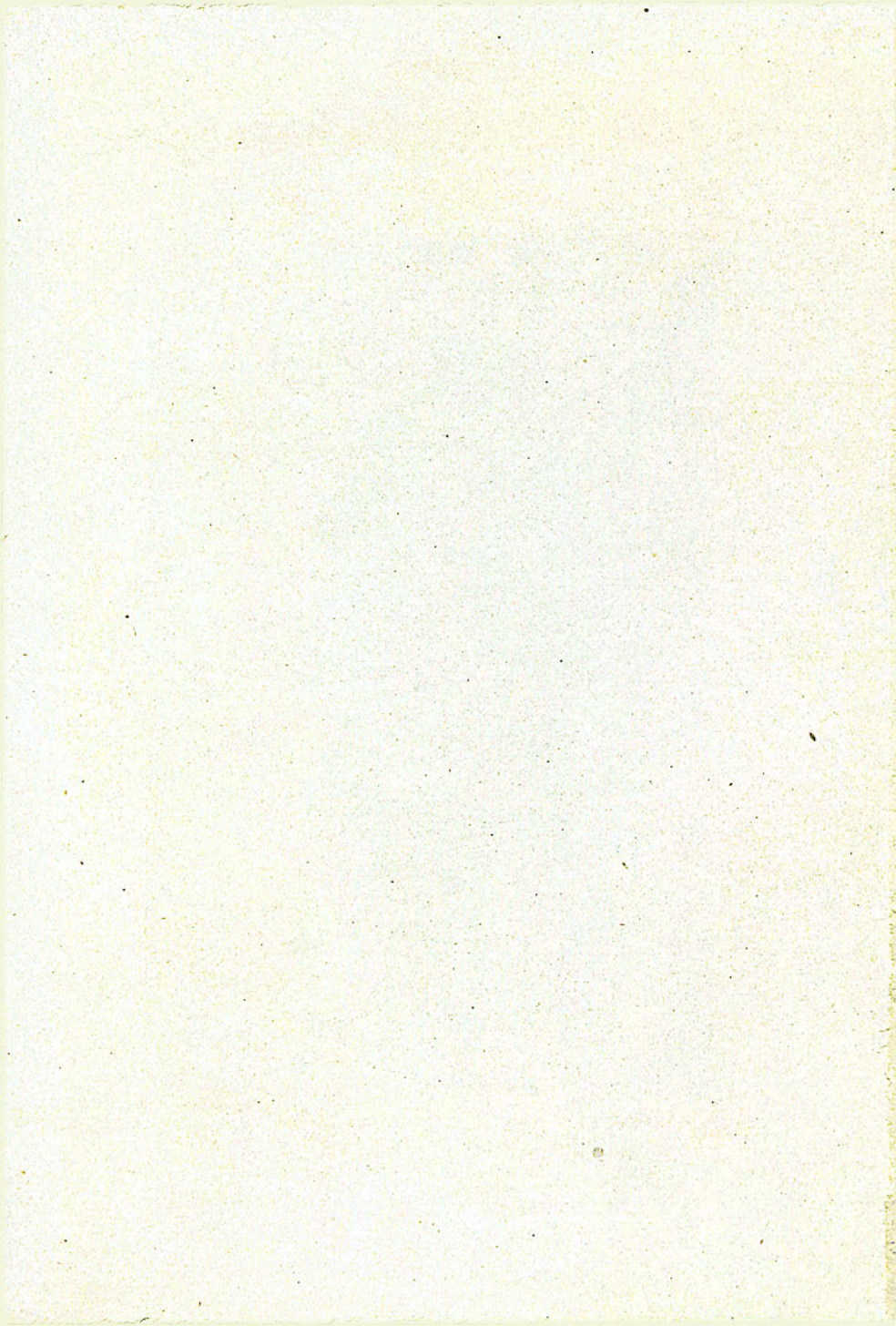
2. Parallel bars, ladder and incline rope.

3. Folk dancing.

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



WALLACE HALL, WOMEN'S DORMITORY



**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.

A. PEPINSKY,*
Violin, Viola, Ensemble.

HELEN E. BRIGGS,*
Piano, Normal.

ANNA D. McCLOUD*
Voice.

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

BESSIE A. GODKIN,†
Piano.

LOUIS JACOBI,†
Assistant in Violin.

MYRTLE WEED,†
Piano.

CHARLOTTE BURLINGTON,†
Piano.

MABEL R. REED,†
Piano

MARGARET MOUNT,†
Assistant in Piano.

LEONARDO DE LORENZO,*
Flute.

J. GRANT DENT,†
Cello.

JENNIE STANLEY HODGMAN,*
History of Fine Arts.

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

WALTER LIENKE,†
Cornet.

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.

State music teachers' examinations must be taken by all pupils who wish to graduate in voice, piano, violin, pipe organ or public school music. These examinations will be given the last week in May of each year. In preparation for these examinations quizzes are given semi-monthly.

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

Music as a College Elective.—Music, instrumental or vocal, may be taken as an elective in the junior and senior years of college work, provided the student is sufficiently proficient to do advanced work. A minimum of six hours a week must be devoted to the study, and it will not be credited for more than two hours per week. The fitness of the student to take up this elective will be determined by examination, and the expense of the instruction must be borne by the student.

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.

Undisciplined voices require the utmost care and attention at the very commencement of training; therefore, if the future voice is to be at all agreeable and pleasant, the preliminary work must be perfectly mastered before proceeding further.

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 German.

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 thoroly 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. 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.

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 Courses

The demand of the times is for musicians equipped not only technically, but also in the art of imparting instruction. These courses in Piano, Voice and Violin are designed to meet such demands and to give young teachers valuable assurance.

Ensemble

The study of chamber music is a very important one to the advanced student of any instrument. The impetus to more thoro 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 weekly illustrated lectures is given by Mrs. Hodgman.

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.

Musical Organizations

Orchestra.—A college orchestra, composed of students under the leadership of A. Pepinsky, an experienced musician in college musical life, is open to all students at a nominal fee of one dollar a year.

The orchestra is composed of those students who play orchestral instruments and covet the pleasure and benefits of orchestra experience. They meet once each week for rehearsal and are frequently called upon to furnish music on public occasions. A good class of music, reflecting in a measure the tastes and spirit of the performers, is studied, due attention being paid to the technical details necessary as a basis for an adequate musical interpretation. Thus the work is systematic and progressive, aiming, as it does, to instruct as well as entertain.

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

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.

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. M. Hobart.....	President
H. D. Funk.....	Vice-President
Mrs. W. H. Kindy.....	Secretary
Isabelle Elmer.....	Treasurer

Roll of Alumni

Class of 1889

George Washington Achard.....	Business, Minneapolis, Minn.
Joseph Wilson Cochran.....	Minister, Philadelphia, Pa.
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, Denver, 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, Minneapolis, 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, Blanca, 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 City Editor, Daily News, St. Paul, Minn.

Class of 1896

- Alexander Edward Cance, Prof., Mass. Agr. College, Amherst, Mass.
 Moses M. Maxwell Deceased.
 Samuel F. Sharp Minister, Exeter, Ontario, Can.

Class of 1897

Albert Ernest Evans.....	Minister, Sunset, Wash.
Charles W. Hansen.....	Deceased
Ernest Charles Henke.....	Minister, Baraboo, Wis.
George Leck.....	Deceased
John McLearn, 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, Two Harbors, Minn.
William K. Sherwin.....	Teacher, Barnum, Minn.
Arthur G. Welbon.....	Missionary, Andong, Korea

Class of 1898

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

Class of 1899

Hugh S. Alexander..	Professor, Macalester College, St. Paul, Minn.
Walter Baker Augur.....	Minister, Jasper, 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, White Salmon, Wash.
Ralph Emerson Herron	Business, Tucson, Ariz.
John Robert Landsborough	Minister, Oregon City, Ore.
Ernest A. Oldenburg	Minister, Hastings, Minn.
Mathilde Pederson-Romunstaad	Deceased
Irving David Roach	Business, Azusa, Cal.
William James Sharp	Minister, Ellensburg, Wash.
Roy Walker Smits	Deceased
David A. Thompson	Minister, Portland, Ore.

Class of 1901

William Beckering	Deceased
Louis Benes	Minister, Armour, S. D.
Henry Roy Bitzing	Lawyer, Mandan, N. D.
Percy Porter Brush	Lawyer, Kelso, Wash.
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	Newton, Kan.
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-Corsan	Seattle, Wash.
Grace Iddings-Fletcher	Grand Forks, N. D.
Leonard L. Mann	Minister, Ipswich, S. D.
Francis H. Newton	Minister, Creston, Wash.
Winifred R. Pringle-Weber	Coeur d'Alene, Idaho
Edgar E. Sharp	Lawyer, Moorhead, Minn.
Benjamin Bruce Wallace	Instructor, N. W. University, Evanston, Ill.
Helen Margaret Wallace-Davies	Chicago, Ill.

Class of 1903

John Morton Davies	Minister, Chicago, Ill.
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Bessie Shepherd Doig-Jacobson.....	Knoxville, 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.....	Minister, Manteca, Cal.
Peter Westin Jacobson.....	Minister, Knoxville, Iowa
Raymond Lewis Kilpatrick.....	Engineer, Sulzer, Alaska
Donald Norman MacRae.....	Minister, Mitchell, Ont.
Henry Morgan.....	St. Paul, Minn.
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, Rush City, Minn.

Class of 1905

John Thomas Anderson.....	Minister, Reading, 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, Hutchinson, Minn.

Class of 1906

- Levi H. Beeler..... Winthrop College, Rock Hill, S. C.
 James Ekin Detweiler..... Missionary, Yamada, Japan
 James Hamilton..... Minister, Hebron, Neb.
 Roscoe Cliver Higbee..... Principal, St. Paul, Minn.
 Alexander Hood..... Missionary, North Fork, Cal.
 Albert Kuhn..... Professor, Presby. Sem., Dubuque, Iowa
 Paul H. Th. Rusterholz..... Minneapolis, Minn.
 Ruth Estelle Swasey-Rusterholz..... Minneapolis, 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, Ida Grove, Iowa
 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, Morris, Minn.
 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, Ellsworth, Wash.
 Mary Pauline Payne-Healy..... Mapleton, Minn.
 Minerva Schlichting..... Deceased
 Ruth Adelia Sherrill..... Teacher, Blue Earth, Minn.
 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..... Teacher, Rush City, Minn.
 Ralph Brinks..... Lake Benton, Minn.
 Richard Stanley Brown..... Minister, Fairgrove, 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.....	Zumbrota, Minn.
Walter Mell Hobart.....	Business, Minneapolis, Minn.
Lucy Ma Belle Hyslop-Flinn.....	Redwood Falls, Minn.
Nina Foy Johnson-Wallace.....	Roseburg, Ore.
Margaret Edith Lakey-McDonald.....	Walhalla, N. D.
Peter McEwen.....	Minister, Earl Park, Ind.
Luke Edward Marvin.....	Business, Duluth, Minn.
Martha Bessy Olson-Bromley.....	Cosmopolis, Wash.
Stanley Hall Roberts.....	Minister, Britton, S. D.
Lydia Anna Schroedel-Hobart.....	Minneapolis, Minn.
Clarence Mason Stearns.....	Business, St. Paul, Minn.
Robert Sinclair Wallace.....	U. S. Forest Service, Roseburg, Ore.

Class of 1909

Emma Bertelle Barker-Marvin.....	Duluth, Minn.
Lucas H. Brinks.....	Superintendent, Elbow Lake, Minn.
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.....	Minister, Raymond, Wash.
William Jefferson Bell.....	Minister, Mountain Iron, Minn.
Joseph Vaclav Beran.....	Business, Hibbing, Minn.
Charles Taylor Burnley.....	St. Paul, Minn.
Edward John Carson.....	Minister, Conrad, Iowa
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.....	Potlatch, Idaho
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	Eugene, Ore.
Gladys Isabelle Roberts	Minneapolis, Minn.
Jeannette Paulina Sawyer-Guild	St. Paul, Minn.
Frederick Samuel Shimian	Minister, Coquille, Ore.
Elmer Stuart Smith	Kopiah, Wash.
Elizabeth Libby Staples-Brown	St. Paul, Minn.
Vernon Elliott Stenerson	Minneapolis, Minn.
Anna Elizabeth Taylor	Chicago, Ill.
Norman Kendall Tully	Minister, Galesville, Wis.
Ruth Minerva von Dorn-Gammons	Jacksonville, Ore.
June Adelia Woodward	Granite Falls, Minn.

Class of 1911

William Ernest Baskerville	Business, St. Paul, Minn.
Charles Bremicker	Minister, Highland, Wis.
Allan Hill Brown	Minister, Sandwich, Ill.
Homer Clyde Cardle	Business, St. Paul, Minn.
Fred F. Carson	Teacher, Minneapolis, Minn.
Janet Isabella Dodds	Teacher, Norwood, Minn.
Donald Smith Doty	Attorney, St. Paul, Minn.
Effie Miranda Ellison-Miner	La Moure, N. D.
Hulda Olivia Ellison	La Moure, N. D.
Oscar Melvin Ellison	Business, La Moure, N. D.
Marjory Lucy Hanson	Teacher, Corvallis, Ore.
Bayard William Heed	Teacher, Verndale, Minn.
Arthur Billings Hunt	St. Paul, Minn.
Ernest Wilburt Johnson	Teacher, 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	Teacher, Medford, Minn.
Adelaide Wadsworth Payne	Teacher, Blue Earth, Minn.
Russell Stephen Peterson	Teacher, Silver Lake, Minn.
Leland William Porter	Minister, Howard Lake, Minn.
Edna Francis White-Becker	Amboy, Minn.

Class of 1912

Anna Elizabeth Anderson-Carson.....	Conrad, Iowa
Dorothy Elizabeth Baumgart.....	Teacher, St. Paul, Minn.
Clara Berdan.....	Teacher, Albert Lea, Minn.
James Brinks.....	Business, Lake Benton, Minn.
Orville Clifton Cardle.....	Business, Missoula, Mont.
Bessie Florence Clark.....	Teacher, Staples, Minn.
Mabel Emma Cosgrove.....	Le Sueur, Minn.
Elva May Davis-Westerlund.....	Northwood, Ia.
Louise Lombard Davisson-Tripp.....	Minneapolis, Minn.
Jessie Ellen Fisher-Thomas.....	Minneapolis, Minn.
Clarence Oscar Graue.....	Coeur d'Alene, Idaho
Lilah Agnes Holden.....	Teacher, Hudson, Wis.
Florence Hunt.....	Teacher, Barnum, 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.....	Medford, Minn.
Pearl Margueritte Palmer.....	Los Angeles, Cal.
John Gottfried Schmidt.....	Teacher, Harlan, Ia.
William Ellison Scott.....	Principal, South St. Paul, Minn.
Ella A. Stearns.....	Jasper, Minn.
Edna Alda Stewart.....	Principal, Lake Crystal, Minn.
Cassie Marie Stoddart.....	Teacher, White Bear, Minn.
Oakley Russell Tripp.....	Y. M. C. A., Minneapolis, Minn.
Oscar Westerlund.....	Minister, Northwood, Ia.
Muriel Faye Wheeler.....	Teacher, Devils Lake, N. D.
Harry Merrium Willmert.....	Business, Blue Earth, Minn.
Ralph Calvin Wilson.....	Teacher, St. Louis, Mo.

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.....	Teacher, Montrose, Minn.
Mary Genevieve Carver-Stevens.....	St. Paul, Minn.
George Oliver Chase.....	Teacher, Manvel, N. D.
Leonard Alvin Clark.....	Teacher, Hanska, Minn.
Mary Bernice Clark.....	Teacher, Annandale, Minn.
Emma Joy Frederick.....	Teacher, Renville, Minn.

William Henry Wallace Holley, Student, U. of M., Minneapolis, Minn.	
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, St. Paul, Minn.
Joseph Robert Neller	New Brunswick, N. J.
Florence Amelia Otis	Teacher, Emporia, Kans.
Norton Walter Peet	Deceased
William Conkey Phillips	Teacher, Eau Claire, Wis.
Edith Beatrice Pierson	Nurse, Minneapolis, Minn.
Ruth Lynn Porter	Teacher, Clark, S. D.
Adeline Marie Rosebrock	Teacher, Kerkhoven, 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	Teacher, Washburn, Wis.
Richard Harlow Anderson	Alexandria, Minn.
Wallace Jay Anderson	Theological Student, San Anselmo, Cal.
Harold Harvey Baldwin	Theological Student, Princeton, N. J.
Hosea Greenwood Bosley	Teacher, Luverne, Minn.
Arthur George Brown	Teacher, Bottineau, N. D.
Truman Dean Brown	Teacher, Clinton, Minn.
Margaret Buckbee	Minneapolis, Minn.
Lulu Ellen Carey	Teacher, Duluth, Minn.
Howard Edward Clark	Superintendent, Rugby, N. D.
Margaret MacGregor Doty	Teacher, Elbow Lake, Minn.
Leslie Lisle Druley	Business, St. Paul, Minn.
Vera Margery Dunlap-Marvin	St. Paul, Minn.
Lloyd Gilmore	Hope, N. D.
John Leslie Harvey	Theological Student, San Anselmo, Cal.
Burton Patriquine Holt	Minister, Redwood Falls, Minn.
Alice Louise Lindsley	Teacher, Amery, Wis.
Bessie Elizabeth Lovell	Principal, Jasper, Minn.
Edward Everett McCabe	Graduate student, Palo Alto, Cal.
Mable Mohr	Teacher, Starkweather, N. D.
Esther Neller	Teacher, Austin, Minn.

Evelyn Pickthorn.....	Brown's Valley, Minn.
Helen Maria Prosser.....	Teacher, Hutchinson, Minn.
Harold Percy Roberts.....	Teacher, Dell Rapids, S. D.
Gertrude Gray Smith.....	Teacher, Litchfield, Minn.
Helen Antonia Stratte.....	Dawson, Minn.
Selma Ovidia Stratte.....	Dawson, Minn.
Florence Adell Switzer-Hamil.....	Two Harbors, Minn.
Charles Albert Thomas.....	Business, St. Paul, Minn.
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.....	Milwaukee, Wis.
Olive Margaret Brown.....	Pipestone, Minn.
Mary Reid Cardle.....	Teacher, Mapleton, Minn.
Edward Maurice Clark.....	Theological Student, San Anselmo, Cal.
Luella Clara Conley.....	Ray, N. D.
Margaret Defiel.....	Teacher, Morgan, Minn.
Josephine Dixon.....	Warren, Minn.
Gwendolyn Lotimer Eastman.....	Teacher, Pine River, Minn.
Eunice Geer Finch.....	Deceased
Alice Julia Flinn.....	Teacher, Ashland, Ore.
Edith Almeda Haigh.....	Teacher, Randalia, Iowa
Hillard Herman Holm.....	Minneapolis, Minn.
Catharine Deaver Lealtad.....	St. Paul, Minn.
Mabel Griffiths Montgomery.....	Oriska, N. D.
John Samuel Nyquist.....	Homestead, Mont.
Emily Helen Payne.....	Graduate Student, St. Paul, Minn.
Madge Porter.....	Teacher, Langdon, N. D.
Frieda Jeannette Radusch.....	St. Paul Park, Minn.
Plato Earl Sargent.....	St. Paul, Minn.
Herbert Harrison Sell.....	Teacher, Fertile, Minn.
Ruth Virden Slagg.....	Pipestone, Minn.
Henry Frank Softley.....	Theological Student, Chicago, Ill.
Gwendolyn Bromley Williams-Slade.....	Minneapolis, Minn.
Bert Benjamin Willmert.....	Blue Earth, Minn.

Class of 1916

Arthur Glenn Adams.....	Theological Student, Chicago, Ill.
Grace Emily Brown.....	Teacher, Gaylord, Minn.
Beryl Alberta Brownlee.....	Teacher, Jackson, Minn.

- Gordon Lyman Brownlee. Business, Minneapolis, Minn.
George Rowland Collins. Teacher, Peoria, Ill.
Edna Marguerite Cottrell. Teacher, Ivanhoe, Minn.
Thomas Crocker. Theological Student, Chicago, Ill.
Francis Marion Dana. Graduate Student, Philadelphia, Pa.
Marie Eleanor de Booy. Teacher, Washburn, Wis.
Margaret Douglass Downing. Teacher, Annandale, Minn.
Ruth Marie Featherstone. Teacher, Mountain Lake, Minn.
William Taber Greig. Business, St. Paul, Minn.
Helen Charlotte Gullikson. Blue Earth, Minn.
Vergil Homer Guthrie. Teacher, Oskaloosa, Ia.
Frank Edward Hall. Business, Fernwood, Idaho
Arthur Bristow Hood. Business, Rapid City, S. D.
Isabelle Howard. Business, Minneapolis, Minn.
Howard Neff Huelster. Business, St. Paul, Minn.
Vincent Raymond Hunt. Teacher, Rugby, N. D.
Constance Darling Hunter. Teacher, Inkster, N. D.
Bertha Mamie Hurr. Shakopee, Minn.
Gordon Lewis Keeley. Business, Rapid City, S. D.
Christopher Leo Kenny. Teacher, New Prague, Minn.
Fred Joseph Kenny. Teacher, Ivanhoe, Minn.
David Nathaniel Ling. Teacher, Winnebago, Minn.
John Thompson McCallum. Teacher, Luverne, Minn.
Jessie Elizabeth McClure. Teacher, Tower City, N. D.
Emily Lois McConkey-Baldwin. Princeton, N. J.
Erwin Herbert Metag. Teacher, Cambridge, Minn.
Loana Miriam Miller. Graduate Student, Minneapolis, Minn.
Anna Seraphina Nelson. Teacher, Montrose, Minn.
Andrew Hilmer Norum. Minister, St. Paul, Minn.
Adolf Olson. Teacher, St. Paul, Minn.
Sadie Porter. Teacher, Madison, Minn.
Howard Johnson Rankin. St. Paul, Minn.
Zylpha Lauretta Sharpe. Teacher, Verndale, Minn.
John Lyman Sheean. Teacher, Little Falls, Minn.
Alice Emma Stearns. Teacher, Ivanhoe, Minn.
Olga Constantine Terzieff. Graduate Student, New York City
Stella Alice Tuttle. Teacher, Sibley, Iowa
Vera Marie Utter. Teacher, LeSueur, Minn.
William Liston Walker. Teacher, Plainview, Minn.
Irving Howard Williams. Minneapolis, Minn.
Margaret Jane Williams. Teacher, Byron, Minn.

Alumni of the Conservatory of Music**Class of 1900**

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

Class of 1901

Millicent Viola Mahlum-Kelts.....Newton, Kan.

Class of 1905

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

Mrs. W. H. Amos.....Ida Grove, Iowa

Class of 1906

Carmen Mahlum.....Brainerd, Minn.

Pearl Neeb.....Lewiston, Minn.

Charrie Robertson.....Rushford, Minn.

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

Paul H. Th. Rusterholz.....Minneapolis, 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.....Pipestone, Minn.

Gladys Neff.....Neillville, 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.....Carlton, 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.....St. Paul, 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 Ziesemer.....	St. Paul, Minn.

Class of 1914

Jean Adie (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.....	St. Paul, Minn.
Edith Gunderson.....	Kenyon, Minn.
Louis Jacobi.....	St. Paul, Minn.
Grace O'Neale.....	Jackson, Minn.
Harriet Pierpont.....	Bruce, Wis.
Daniel Thomassian.....	St. Paul, Minn.
Janet Vokoun.....	St. Paul, Minn.

Bachelor of Music Degree

Evelyn Rumble.....	St. Paul, Minn.
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Roll of Students**Senior Class**

Effie Alice Adams.....	Luverne, Minn.
Wylie Gustave Akenson.....	St. Paul, Minn.
Oscar Lee Black.....	St. Paul, Minn.
Ellen Mary Chase.....	Minneapolis, Minn.
Lajla Marie Dale.....	Madison, Minn.
Gladys Somers Dallimore.....	St. Paul, Minn.
Herbert Emil Dierenfield.....	Fairfax, S. D.
Alice Muriel Everts.....	Ashby, Minn.
Emanuel Ossian Franklin.....	Oakland, Nebr.
Charles Gerlinger.....	Spur, Minn.
Wallace Graydon Gibson.....	St. Paul, Minn.
Pauline Hayes.....	St. Paul, Minn.
Milton Boyce Hebeisen.....	Carver, Minn.
Ethelwyn Annette Hopkins.....	Mankato, Minn.
Charles Stanley Knott.....	Spur, Minn.
Violet Helena Knutson.....	Rochester, Minn.
John Arthur Lewis.....	St. Paul, Minn.
Ethel Marie McClure.....	Litchfield, Minn.
Swan William Mattson.....	Kensington, Minn.
Ernest Gustav Norstrom.....	Minneapolis, Minn.
Evelyn Bradbury Page.....	White Bear, Minn.

Harriet Phillips	Worthington, Minn.
Esperanza Reina	Zitachan, Mexico
Joseph Howard Rhoads	South St. Paul, Minn.
Allen John Robertson	Rochester, Minn.
Irving John Roth	Minneapolis, Minn.
Evelyn Mary Rumble	St. Paul, Minn.
Esther Atta Schumann	Rugby, N. D.
Gertrude Simons	Virginia, Minn.
Fremont David Taylor	Aitkin, Minn.
Anna Marie Wagner	St. Paul, Minn.
Lucille Anna Wilkerson	St. Paul, Minn.
Clarence Charles Willmert	Blue Earth, Minn.

Junior Class

Esther Abbtmeyer	St. Paul, Minn.
Donald Leslie Augustine	Kasson, Minn.
Lucia Rebecka Brown	St. Paul, Minn.
Ella Isabelle Clapp	Kasota, Minn.
Dorothy Dornberg	St. Paul, Minn.
Ruth Emhoff	Owatonna, Minn.
John Kenneth Erickson	Fulda, Minn.
Erling Eriksen	St. Paul, Minn.
John Louis Ferry	Kisbey, Sask.
Ralph Everett Greig	Rushmore, Minn.
Roy Alfred Greig	Rushmore, Minn.
Jesse Collins Hales	North Branch, Minn.
Margaret Lyla Hammond	St. Paul, Minn.
Victor A. Heed	St. Paul, Minn.
Frank Orville Holmes	St. Paul, Minn.
Alice Erra Hough	Kerkhoven, Minn.
Lewis A. Hughes	Hopkins, Minn.
Esther Jerabek	Silver Lake, Minn.
Merle Constance Johnson	St. Charles, Minn.
Adolf Kongelf	Sidney, Mont.
Robert Laird	De Ruyter, N. Y.
Raymond Horace Landon	Minneapolis, Minn.
Eugenie Marie Legault	Stephen, Minn.
Walter August Lienke	St. Paul, Minn.
Lauron Harmon Lovelace	Cottonwood, Minn.
Glen Nyren McNaughton	Cohasset, Minn.
Howard Hope McNiven	Empress, Alta.

Francis Lois Marvin	Duluth, Minn.
Edwin Elmer Olson	St. Peter, Minn.
Iva Hortense Olson	Minneapolis, Minn.
Alexander Whyte Robertson	Langdon, N. D.
Helen Isabel Sivertson	Crookston, Minn.
Jean Pauline Smith	Stillwater, Minn.
Myrtle Dorothy Steen	Kerkhoven, Minn.
Lenore Stuart	Rapid City, S. D.
Milton Francis Sturtevant	St. Paul, Minn.
Thomas Douglas Turnbull	St. Paul, Minn.
Thomas Edward Waddelow	Fairfield, Ill.
Fred C. Wagner	Rolla, N. D.
Miriam Winifred Wallace	St. Paul, Minn.
Ruth Azalia Webster	St. Paul, Minn.
Arthur Louis Whiton	Rochester, Minn.
Nancy Olivia Wick	Minneapolis, Minn.
Paul Williams	Owatonna, Minn.

Sophomore Class

Julian Francis Anderson	Preston, Minn.
Reuben M. Anderson	Worthington, Minn.
Leila Arvilla Atcherson	Appleton, Minn.
Dorothy Badger	Minneapolis, Minn.
John Lennart Beck	Mountain Iron, Minn.
Leo Emil Beck	Mountain Iron, Minn.
Bertha Blair	Duluth, Minn.
Leonard Bedient Brabec	Kasson, Minn.
Cleo Louise Brandrup	Mankato, Minn.
Leslie Willis Brown	St. Paul, Minn.
Charles S. Bryan	Red Wing, Minn.
Theodore Arzt Butzin	St. Paul, Minn.
Elizabeth Clark	Duluth, Minn.
Helen Clark	Rockville, Minn.
Constance Cronhardt	St. Paul, Minn.
Dorothy Gertrude Cummins	Blanchard, N. D.
Marya E. Cushing	St. Paul, Minn.
Walfred Danielson	St. Paul, Minn.
Wadie David David	Damascus, Syria
Florence Anna Defiel	St. Paul, Minn.
Muriel Emily Carr Eastman	St. Paul, Minn.
Lucile Grace Farrell	Warren, Minn.

Charles Augustine Flinn.....	St. Paul, Minn.
Robert Francis Gale.....	St. Paul, Minn.
Hugh Glenn.....	Minneapolis, Minn.
Evelyn Carolyn Gran.....	Jordan, Minn.
Edna Grace Grinager.....	Minneapolis, Minn.
Edith Sophia Gunderson.....	Kenyon, Minn.
Melvin Louis Gundlach.....	St. Paul, Minn.
Veva Ruth Halverson.....	Reville, S. D.
Anna Estella Hammerlun.....	Cokato, Minn.
Tillie Hansen.....	Russell, Minn.
Hulda Johanna Hanson.....	New London, Minn.
Helen Kay Hargreaves.....	St. Paul, Minn.
Charlotte Hawley.....	Minneapolis, Minn.
James Kidd Hilyard.....	St. Paul, Minn.
Josephine Jennings.....	Janesville, Minn.
George Arthur Jensen.....	Glenwood, Minn.
Victor Englebert Johnson.....	Cokato, Minn.
W. Edward Johnson.....	Duluth, Minn.
Herbert William Larseen.....	Minneapolis, Minn.
Robert Clarence Larson.....	St. Paul, Minn.
Ethel Marion Leck.....	Minneapolis, Minn.
Marian Louise Leshar.....	St. Paul, Minn.
Amy Marie LeVesconte.....	Prior Lake, Minn.
Hadley Henry Lidstrom.....	Glen Ullin, N. D.
Alice Vivian Little.....	Madison, Minn.
Sana Beth McKenny.....	Spring Valley, Minn.
William Gordon McLean.....	Minneapolis, Minn.
Margaret McLeod.....	St. Paul, Minn.
Hazel Vivian McMaster.....	Canton, Minn.
Helen Willina McRae.....	St. Paul, Minn.
Sidney G. Mason.....	Buffalo, N. D.
Esther A. Neverman.....	La Moure, N. D.
Norman Eugene Nygaard.....	Minneapolis, Minn.
David Nathaniel Nyquist.....	Cokato, Minn.
Irwin Milton Olsen.....	Minneapolis, Minn.
Amos David Owen.....	Minneapolis, Minn.
John Alexander Patterson.....	St. Paul, Minn.
Lucy Marie Peterson.....	St. Paul, Minn.
Walter Weston Pierce.....	Newtonia, Mo.
Emily F. Pomeranke.....	Good Thunder, Minn.
Marion Reader.....	Pipestone, Minn.

George Douglas Reed.....	St. Paul, Minn.
Gladys Harriett Reutiman.....	Stillwater, Minn.
Clara Goldena Robinson.....	Warren, Minn.
Hazel Louisa Roche.....	Farmington, Minn.
Harry Stone Slater.....	Afton, Minn.
Helen Agnes Slater.....	Afton, Minn.
Ada Rose Stalker.....	Duluth, Minn.
Helen Strachan.....	Duluth, Minn.
Esther Sundfelt.....	St. Paul, Minn.
Allyn Casper Taylor.....	St. Paul, Minn.
Clarinda Eleanor Trandem.....	St. Paul, Minn.
Arthur Joseph Treacy.....	St. Paul, Minn.
Beatrice Walker.....	White Bear, Minn.
Margaret Thompson Walters.....	St. Paul, Minn.
David Percy Wasgatt.....	Winnebago, Minn.
Charles M. Wenzel.....	Kenyon, Minn.
Margaret E. Wharry.....	St. Paul, Minn.
Alvin Pontus Wold.....	St. Paul, Minn.
Amelia Wolf.....	Nerstrand, Minn.

Freshman Class

Mildred Abbetmeyer.....	St. Paul, Minn.
William Dewey Amundson.....	Kerkhoven, Minn.
Oliver Anderson.....	Minneapolis, Minn.
Alice Eleanor Andrews.....	St. Paul, Minn.
Horace Parker Bagley.....	St. Paul, Minn.
Marion Bagley.....	St. Paul, Minn.
Clinton Crosby Bailey.....	Kasota, Minn.
Madge Elizabeth Barnes.....	St. Paul, Minn.
Leah Del Beattie.....	Minneapolis, Minn.
Margaret Alexander Bell.....	Minneapolis, Minn.
Albert A. Beltmann.....	Tower City, N. D.
John S. Benson.....	Barron, Wis.
Willis Bergen.....	Minneapolis, Minn.
Harold Arzt Binder.....	St. Paul, Minn.
Myra Jane Birkett.....	Hazel Green, Wis.
Henry J. Bloedel.....	Carver, Minn.
Joseph F. Borg.....	St. Paul, Minn.
Paul Herbert Brandt.....	Murdock, Minn.
Adrian M. Bullis.....	Sandstone, Minn.
Marion Grosvenor Burton.....	Blue Earth, Minn.

Alvin C. Busse.....	Slayton, Minn.
Ralph I. Canuteson.....	Galesville, Wis.
Marion Catherine Cardle.....	St. Paul, Minn.
Inga Isabel Carlquist.....	Warroad, Minn.
Viola May Carlquist.....	Warroad, Minn.
Ruth Evangelyn Carlson.....	Dassel, Minn.
Edith Almyra Chase.....	Kasson, Minn.
William Gibson Claffy.....	Two Harbors, Minn.
Esther Pearl Clarke.....	Petersburg, Ind.
Florence Claus.....	St. Paul, Minn.
Mae Charlotte Coleman.....	Elbow Lake, Minn.
Marion A. Conger.....	Mora, Minn.
Bernice E. Copas.....	Copas, Minn.
Walter Leon Corey.....	St. Croix Falls, Wis.
Marguerite Craig.....	Bottineau, N. D.
Joseph Douglas Crane.....	St. Paul, Minn.
Alice Grace Davidson.....	St. Cloud, Minn.
Paula Doermann.....	St. Paul, Minn.
Marjorie Dornberg.....	St. Paul, Minn.
Lawrence W. Dougherty.....	Monticello, Minn.
Robert McIntyre Douglass.....	Minneapolis, Minn.
Phyllis Myrle Dower.....	Wadena, Minn.
Raymond Duus.....	Tracy, Minn.
Lucile Jeannette Erickson.....	Fulda, Minn.
Reginald G. Faragher.....	Adrian, Minn.
Elmer Morton Finck.....	St. Paul, Minn.
Morris Finstad.....	Cusson, Minn.
Rachel Luella Flanum.....	Rice Lake, Wis.
Alice M. Fletcher.....	Pipestone, Minn.
Ethel Alice Fletcher.....	St. Paul, Minn.
Harvey Robert Fliehr.....	Virginia, Minn.
Lillian Flitch.....	St. Paul, Minn.
Nola Gladys Forest.....	Lake Wilson, Minn.
Victor Karl Funk.....	St. Paul, Minn.
James Alexander Garrow.....	New Ulm, Minn.
Edward B. Giese.....	East Grand Forks, Minn.
John Raymond Gill.....	South St. Paul, Minn.
Frances Gillette.....	North St. Paul, Minn.
Ray James Goodwin.....	Red Wing, Minn.
Frances Ruth Gordon.....	Browns Valley, Minn.
Florence Elizabeth Gow.....	St. Paul, Minn.

Adele Grant.....	Minneapolis, Minn.
Hazel Mary Griffith.....	St. Vincent, Minn.
Carroll Abner Gunderson.....	St. Paul, Minn.
Marion Ethel Haigh.....	St. Paul, Minn.
Louise Elizabeth Hall.....	Austin, Minn.
Doris Aileen Halverson.....	Revillo, S. D.
Edwin Lewis Hanson.....	Osakis, Minn.
Willis Blackford Hazleton.....	Minneapolis, Minn.
Agnes Louise Hedeem.....	St. Paul, Minn.
Elsie Ethel Heimer.....	South St. Paul, Minn.
Ruth Anna Helweg.....	Fulda, Minn.
Berthold Hensel.....	Minneapolis, Minn.
Guy Louis Hill.....	St. Paul, Minn.
Charles Himmler.....	Minneapolis, Minn.
LeRoy C. Holm.....	La Porte, Ind.
Claude Douglas Holzinger.....	Kerkhoven, Minn.
Julia Abbott Howie.....	Winnepago, Minn.
Ruth Hoxie.....	Duluth, Minn.
Richard D. Hullsiek.....	St. Paul, Minn.
Dorothy Wilder Hutchinson.....	St. Paul, Minn.
Frances Lucy Hyslop.....	Slayton, Minn.
Helen S. Ingmundson.....	St. Paul, Minn.
Norman C. Irgens.....	Minneapolis, Minn.
Ernest J. Johnson.....	Minneapolis, Minn.
Linnea Margaret Johnson.....	Milaca, Minn.
Anna H. Johnston.....	Pipestone, Minn.
Albert Christian Kavli.....	Minneapolis, Minn.
Walter Philip Keller.....	Slayton, Minn.
Mintie Florence Kitto.....	Tower, Minn.
Carrie Louise Krugmeier.....	St. Paul, Minn.
Mae Cecele Landeene.....	Elbow Lake, Minn.
Winifred Violet Lapp.....	St. Vincent, Minn.
Robert George Larson.....	St. Paul, Minn.
Lawrence Joseph Leonard.....	Jordan, Minn.
Mildred Irving Leven.....	St. Paul, Minn.
Frieda Lockner Lienke.....	St. Paul, Minn.
James Lightfoot.....	Cloquet, Minn.
Raymond Lilley.....	St. Paul, Minn.
Robert D. Lindgren.....	Adrian, Minn.
Edward Frithiof Lundholm.....	St. Paul, Minn.
William Southwell McAllister.....	Slayton, Minn.

J. Blair McLeod	Minneapolis, Minn.
Marion Leola McLeod	St. Paul, Minn.
Muriel Chalmers Mackintosh	St. Paul, Minn.
John W. Maddex, Jr.	La Plata, Mo.
Clifford Harvey Medcalf	St. Paul, Minn.
Irene Eva Meyers	Ashland, Wis.
Lyman S. Miller	Minneapolis, Minn.
Joseph Le Roy Milnar	St. Paul, Minn.
Frances Elizabeth Morgan	Washburn, Wis.
Frederic Armstrong Moulton	Winnebago, Minn.
Arthur T. Nelson	Minneapolis, Minn.
Walter R. Nelson	Minneapolis, Minn.
Louise Margaret Nickow	St. Paul, Minn.
Florence Nord	Carver, Minn.
James George Novack	Minneapolis, Minn.
Violet May Olson	Maynard, Minn.
William I. Orlebeke	Clara City, Minn.
Eugene Dow Parker	Minneapolis, Minn.
Ruth Cleone Parsons	St. Paul, Minn.
Lloyd Peabody	St. Paul, Minn.
Irene Marguerite Peterson	Pipestone, Minn.
Ellen Marie Pope	Mora, Minn.
Richard Fillmore Pulver	Kasota, Minn.
Pauline Ramseyer	Duluth, Minn.
Cecil Harold Raymond	Le Sueur, Minn.
Madeleine Jean Reader	Pipestone, Minn.
Mary Elizabeth Rhodes	Williston, N. D.
Allen A. Rock	Two Harbors, Minn.
Roy Anthony Ronan	Manvel, N. D.
Ruth Amelia Rost	Kerkhoven, Minn.
Robert Adin Schmidt	Minneapolis, Minn.
Mahlon Karl Andreas Schnacke	St. Paul, Minn.
Peter Arthur Schulberg	Minneapolis, Minn.
Marion Evangeline Schulz	St. Paul, Minn.
Lyle Gensell Scott	Two Harbors, Minn.
William John Shogren	Eau Claire, Wis.
Florence Mary Simmonds	St. Paul, Minn.
John L. Skoog	Carver, Minn.
Esther O. Sovde	Tower, Minn.
Alice Burgoyne Spencer	St. Paul, Minn.
Mary Louise Spencer	St. Paul, Minn.

Ed. J. Tanquist.....	Mankato, Minn.
Angus H. Taylor.....	Owatonna, Minn.
George Arthur Taylor.....	Austin, Minn.
Irene Taylor.....	Le Sueur, Minn.
Zenas H. Taylor.....	Stanley, N. D.
Alice Evelyn Thompson.....	Hallock, Minn.
William Carson Thompson, Jr.....	St. Croix Falls, Wis.
Paul R. Updyke.....	Fulda, Minn.
Doris Evelyn Utter.....	St. Paul, Minn.
J. Adams Wasgatt.....	Winnebago, Minn.
Cyla Myrtle Whitaker.....	Litchfield, Minn.
Howard Hartnette Wolfe.....	St. Paul, Minn.
Fred Carl Wurdell.....	St. Paul, Minn.

Special Students

Mildred Brockman.....	St. Paul, Minn.
Cecelia Duus.....	Tracy, Minn.
Gladys Etheridge.....	Wild Rose, Wis.
Wallace Sumner Hall.....	St. Paul, Minn.
Edward Ludwig Johnson.....	St. Paul, Minn.
Pearl N. Kaehler.....	St. Charles, Minn.
Elvira Gwendolin Lomnes.....	Hudson, Wis.
Laura M. Lynch.....	Orr, N. D.
Mary Elizabeth McRae.....	Lee, Mont.
Genevieve Emily Merrill.....	Amboy, Minn.
Ruth Merryman.....	Kerkhoven, Minn.
Benjamin N. Murrell.....	St. Paul, Minn.
Rosamond M. Paschke.....	Blue Earth, Minn.
Rhea Laura Raven.....	Perham, Minn.
Claude A. Roth.....	Galena, Ill.
Carl H. Schwedes.....	Wabasha, Minn.
Agnes Valerian Wunderlich.....	St. Paul, Minn.

Conservatory of Music

Alice Andrews.....	St. Paul, Minn.
Alice Armstrong.....	St. Paul, Minn.
Ruth Armstrong.....	St. Paul, Minn.
Marion Bagley.....	St. Paul, Minn.
Ruth Balcome.....	St. Paul, Minn.
Gladys Bamberry.....	St. Paul, Minn.

Stella Bamberry.....	St. Paul, Minn.
Ethel Berger.....	St. Paul, Minn.
Elizabeth Bill.....	St. Paul, Minn.
Harry Bill.....	St. Paul, Minn.
Leonard Brabec.....	Kasson, Minn.
Paul Brandt.....	Murdock, Minn.
Lorene Burns.....	St. Paul, Minn.
Marion Burton.....	Blue Earth, Minn.
Constance Colestock.....	St. Paul, Minn.
Bernice Copas.....	Copas, Minn.
Dorothy Cummins.....	Blanchard, N. D.
Mrs. Marya Cushing.....	St. Paul, Minn.
Lajla Dale.....	Madison, Minn.
Ruth Diether.....	St. Paul, Minn.
Cecelia-Duus.....	Tracy, Minn.
Mildred Eaton.....	St. Paul, Minn.
Howard Everett.....	St. Paul, Minn.
Lucille Farrell.....	Warren, Minn.
Pauline Graaf.....	St. Paul, Minn.
Edith Gunderson.....	Kenyon, Minn.
Doris Halverson.....	Reville, S. D.
Julian Hirschman.....	St. Paul, Minn.
Dorothy Hirst.....	St. Paul, Minn.
Julia Howie.....	Winnebago, Minn.
Ruth Hoxie.....	Duluth, Minn.
Fred Hoyer.....	Tolstoy, S. D.
William Jenkyns.....	St. Paul, Minn.
Merle Johnson.....	St. Charles, Minn.
Pearl Kaehler.....	St. Charles, Minn.
Charles Kenney.....	St. Paul, Minn.
Rosemary Kenney.....	St. Paul, Minn.
Alice Kingery.....	St. Paul, Minn.
Muriel Kingsley.....	St. Paul, Minn.
Lucille Koch.....	St. Paul, Minn.
Ella Laqua.....	Bemidji, Minn.
Esther Larson.....	St. Paul, Minn.
Harry Lewis.....	St. Paul, Minn.
Helen Lewis.....	St. Paul, Minn.
Evelyn Lindsay.....	St. Paul, Minn.
Alice Little.....	Madison, Minn.
Gwendolyn Lomnes.....	Hudson, Wis.

Laura Lynch.....	Orr, N. D.
Margaret McLeod.....	St. Paul, Minn.
Edwin McQuillan.....	St. Paul, Minn.
Herbert McQuillan.....	St. Paul, Minn.
Cuyler McRae.....	St. Paul, Minn.
Mary McRae.....	Lee, Mont.
Elsie Maney.....	Minneapolis, Minn.
Lois Marvin.....	Duluth, Minn.
Genevieve Merrill.....	Amboy, Minn.
Ruth Merryman.....	Kerkhoven, Minn.
Gladys Mitchell.....	St. Paul, Minn.
Lucille Moore.....	St. Paul, Minn.
Florence Mooman.....	St. Paul, Minn.
Margaret Mount.....	St. Paul, Minn.
Ruth Nehrlich.....	St. Paul, Minn.
Robert Norton.....	St. Paul, Minn.
Edith Parker.....	St. Paul, Minn.
Rosamond Pascke.....	Blue Earth, Minn.
Agnes Peters.....	St. Paul, Minn.
Elsie Peterson.....	St. Paul, Minn.
Harriet Phillips.....	Worthington, Minn.
Opal Plaisted.....	Minneapolis, Minn.
Emily Pomerenke.....	Good Thunder, Minn.
Esther Ramseyer.....	Duluth, Minn.
Rhea Raven.....	Perham, Minn.
Madeleine Reader.....	Pipestone, Minn.
Elsie Richardson.....	St. Paul, Minn.
Marion Ringstad.....	St. Paul, Minn.
Louise Routh.....	St. Paul, Minn.
Ruth Schickler.....	St. Paul, Minn.
Ruth Schriber.....	St. Paul, Minn.
Allan Shapira.....	St. Paul, Minn.
Meyer Shapira.....	St. Paul, Minn.
Dorothy Siebert.....	St. Paul, Minn.
Edwin Sonntag.....	St. Paul, Minn.
Helen Strachan.....	Duluth, Minn.
Ruth Swift.....	North St. Paul, Minn.
Irene Taylor.....	Le Sueur, Minn.
Zenas Taylor.....	Stanley, N. D.
Elsie Treibel.....	St. Paul, Minn.
Mrs. W. E. Tricker.....	St. Paul, Minn.

Doris Utter.....	St. Paul, Minn.
Beulah Walbridge.....	Hastings, Minn.
Beatrice Walker.....	White Bear, Minn.
Iona Warnock.....	St. Paul, Minn.
Dorothy Webster.....	St. Paul, Minn.
Margaret Wharry.....	St. Paul, Minn.
Miriam Wherry.....	St. Paul, Minn.
Virginia Wherry.....	St. Paul, Minn.
Jessie Wright.....	St. Paul, Minn.
Agnes Wunderlich.....	St. Paul, Minn.

Summary of Students

College.....	332
Conservatory of Music.....	98
	—
Total.....	430
Counted Twice.....	37
	—
Net, Total.....	393

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