

CIRCULATING COPY

MACALESTER COLLEGE BULLETIN

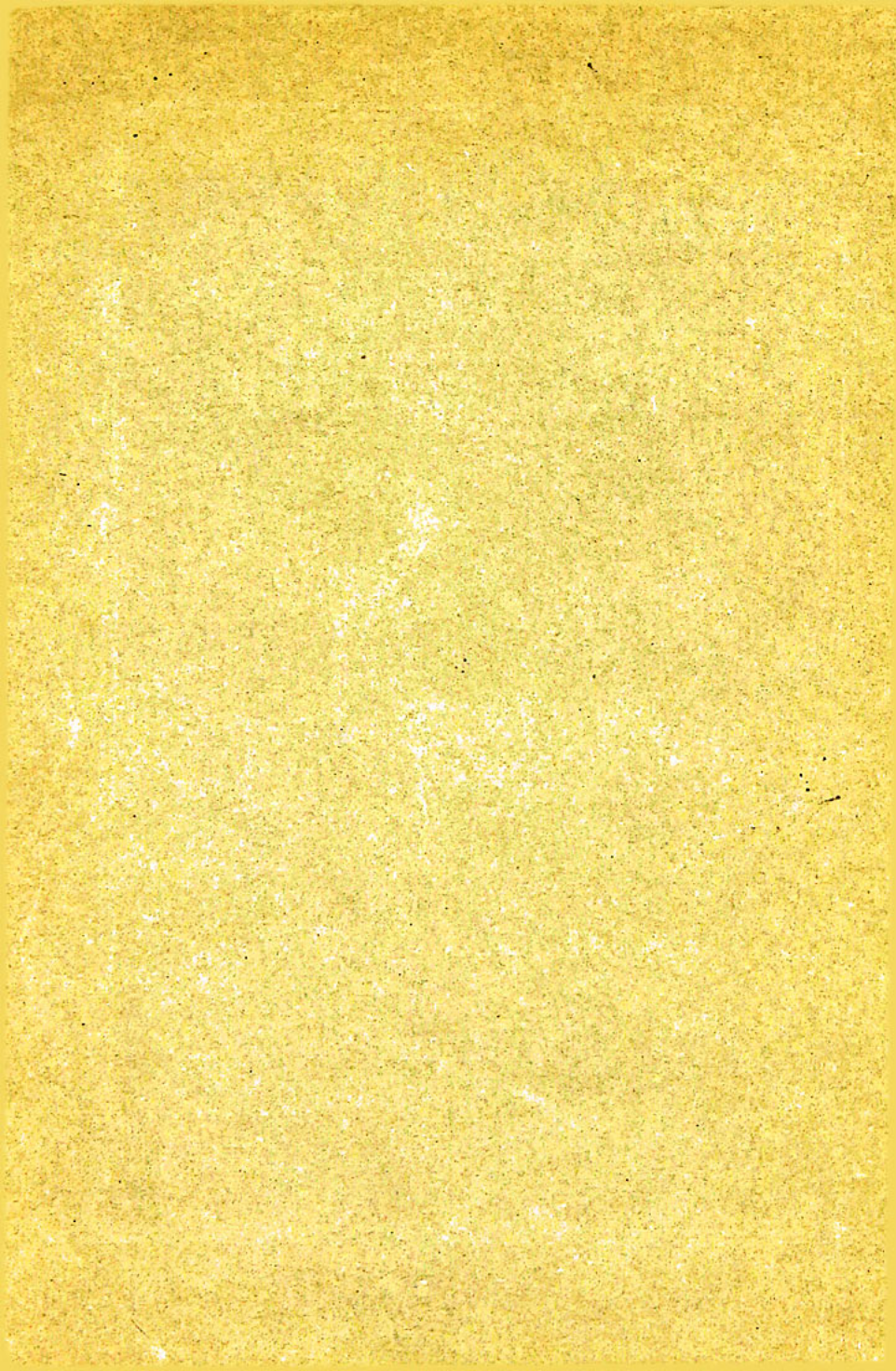


CATALOGUE NUMBER

APRIL 1912

VOLUME VIII

NUMBER 4



CIRCULATING COPY

GENERAL VIEW OF EDUCATIONAL PLANT



Men's Brick Dormitory
Baldwin School

Main Recitation
Hall

Carnegie Science
Hall

CATALOGUE
OF
Macalester College

Baldwin School
(Preparatory)
AND
School of Music

1911-1912

SAINT PAUL, MINNESOTA

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

College Calendar.

1912-1913.

1912.

- May 30. Thursday, Decoration day.
June 7. Friday, 8:15 p. m., Commencement, Baldwin School.
June 8. Saturday, 8:15 p. m., Senior Class Play.
June 9. Sunday, 10:30 a. m., Baccalaureate Sermon.
June 9. Sunday, 8:00 p. m., Alumni and Christian Associations' Sermon.
June 10. Monday, 8:15 p. m., Senior Class Play.
June 11. Tuesday, 10:00 a. m., Class Day Exercises.
June 11. Tuesday, 1:30 p. m., Annual Meeting of Board of Trustees.
June 11. Tuesday, 8:15 p. m., Recital, School of Music.
June 12. Wednesday, 10:00 a. m., Twenty-fourth Annual Commencement.
June 12. Wednesday, 1:15 p. m., Alumni Banquet.
June 12. Wednesday, 8:00 p. m., President's Reception.
Sept. 9-11. Monday-Wednesday, Registration Days.
Sept. 11. Wednesday, 10:30 a. m., First Semester begins.
Nov. 28-29. Thursday, Friday, Thanksgiving Recess.
Dec. 20. Friday, 4:20 p. m., Christmas Vacation begins.

1913.

- Jan. 8. Wednesday, 8:00 a. m., Christmas Vacation ends.
Jan. 31. Friday, First Semester ends.
Feb. 3. Monday, 8:00 a. m., Second Semester begins.
March 19. Wednesday, 4:20 p. m., Easter Vacation begins.
March 26. Wednesday, 8:00 a. m., Easter Vacation ends.
June 11. Wednesday, Second Semester ends.

Board of Trustees.

Officers of the Board.

THOMAS SHAW	President
R. A. KIRK	Vice President
B. H. SCHRIEBER	Secretary
C. E. MACKEAN	Treasurer
H. F. SOFTLEY	Accountant

Trustees.

TERMS EXPIRE JUNE, 1912.

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

TERMS EXPIRE JUNE, 1913.

B. H. SCHRIEBER.....	St. Paul, Minn.
R. C. JEFFERSON.....	St. Paul, Minn.
GEORGE W. WISHARD.....	Minneapolis, Minn.
GEORGE D. DAYTON	Minneapolis, Minn.
FREDERICK WEYERHAEUSER	St. Paul, Minn.

TERMS EXPIRE JUNE, 1914.

THOMAS SHAW	St. Paul, Minn.
A. D. THOMSON	Duluth, Minn.
A. R. CHACE.....	Marshall, Minn.
THOMAS B. JANNEY.....	Minneapolis, Minn.
O. A. ROBERTSON	Minneapolis, Minn.

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

Executive Committee.

THOS. SHAW, Chairman		R. A. KIRK
B. H. SCHRIBER, Secretary		R. C. JEFFERSON
T. B. JANNEY		H. C. SWEARINGEN
T. M. HODGMAN		

Committee on Endowment.

R. A. KIRK		H. C. SWEARINGEN
T. M. HODGMAN		THOS. SHAW
GEO. D. DAYTON		G. W. WISHARD
R. C. JEFFERSON		

Committee on Instruction.

T. M. HODGMAN, ex-officio		JOHN E. BUSHNELL
H. C. SWEARINGEN	T. B. JANNEY	R. A. KIRK

Committee on Property.

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

Finance Committee.

	R. C. JEFFERSON	
R. A. KIRK		T. B. JANNEY
T. M. HODGMAN		B. H. SCHRIBER

Auditing Committee.

B. H. SCHRIBER	G. W. WISHARD	P. L. HOWE
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Committee on Commencement.

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

P. L. HOWE	R. C. JEFFERSON	T. M. HODGMAN
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College Faculty.

THOMAS MOREY HODGMAN, A. M., LL. D., President,
Mathematics.

A. B., 1884, University of Rochester; A. M., 1890; LL. D., 1907. Graduate student in Mathematics in Chicago University and Cornell University. Associate Professor of Mathematics in University of Nebraska, 1884-1904. Professor of Inspection and Director of Summer Session, University of Nebraska, 1904-1907. Elected President Macalester College, February, 1907.

Residence, 476 Ashland Ave. N. W. Dale 2450.

JAMES WALLACE, Ph. D.,

Professor of Bible. Head Professor of Bible Training
Department.

Chair endowed by Mr. Frederick Weyerhaeuser.

A. B., 1874, University of Wooster; A. M., 1877; Ph. D., 1887; LL. D. Adjunct Professor of Greek and Principal of the Academy, University of Wooster, 1876-1886. Student in Greece, 1875-1876. Greek Language and Literature, Macalester College, 1887-1906. President, Macalester College, 1894-1906. Leave of absence, 1907-1909. Professor of Bible, 1909—.

Residence, 1641 Laurel Ave. N. W. Midway 2178.

ANDREW WORK ANDERSON, A. M., Dean,
Professor of Philosophy and Education.

A. B., University of Wooster 1889; A. M., 1892. Principal of Poland (O.) Academy, 1889-1891. Mental Science, Logic and Philosophy, Macalester College, 1891—.

Residence, Macalester College. N. W. Midway 486.

DAVID NEWTON KINGERY, A. M., Registrar,
Professor of Mathematics and Astronomy.

A. B., Wabash College, 1893; A. M., 1899. Teacher of Mathematics and Science, Bluffton (Ind.) High School. Mathematics and Astronomy, Macalester College, 1896—.

Residence, 135 Amherst Ave.

JULIA MacFARLANE JOHNSON, A. M.,
Dean of Women,

Professor of English Literature and Old English.

Graduate of Mt. Holyoke, 1885. Student, University of Pennsylvania, 1887-1888. Student, University of Cincinnati, 1889-1890. A. M., University of Minnesota, 1905. Professor of Latin Language and Literature in Coates College, 1890-1893. Graduate student, University of Minnesota, 1905—.

English Literature and Old English, Macalester College, 1897—.

Residence, Wallace Hall. N. W. Midway 535.

HENRY DANIEL FUNK, A. M.,

Professor of History.

Student Dubuque German Theological Seminary, 1891-1897. A. B., Macalester College, 1901. A. M., University of Minnesota, 1903. Harvard Summer School 1903. Graduate student, University of Minnesota, 1904-1910. German Language and Literature, Macalester College, 1901-1910. Graduate student Harvard University, 1910. History, Macalester College 1911—
Residence, 196 Vernon Ave. N. W. Midway 2129.

RICHARD URIAH JONES, A. B.,

Professor of Chemistry.

A. B., Macalester College, 1901. Graduate student, University of Minnesota, 1901-1902. Graduate student, University of Chicago, Summer Quarters, 1908 and 1909. Instructor in Mathematics and Physics, Macalester Classical Academy, 1901-1903. Chemistry and Physics, Macalester College, 1903-1906. Chemistry, Macalester College, 1906—
Residence, 1257 Lincoln Ave. N. W. Midway 940.

HUGH STUART ALEXANDER, A. M.,

Professor of Physics and Geology.

A. B., Macalester College, 1899. A. M., University of Minnesota, 1905. Teacher of Physics and Chemistry, Cleveland High School, St. Paul, Minn., 1899-1906. Physics, Macalester College, 1906—
Residence, 1596 Summit Ave. N. W. Midway 1080.

JOHN PORTER HALL, A. B.,

Professor of Greek and Principal of Baldwin School.

A. B., Princeton University, 1897. Adj. Professor of Greek, Macalester College, 1897-1903. Instructor in Greek, Princeton University, 1903-1905. Greek, Macalester College, 1906—
Residence, 1668 Princeton Ave.

GEORGE WILLIAM DAVIS, Ph. D., D. D.,

Professor of Hebrew Language and Literature. Social and Political Science. College Chaplain.

Graduate Victoria University, Manchester, England, 1882. Graduate Auburn Theological Seminary, 1886. Graduate student, Yale University, 1888-1890. Ph. D., (Yale) 1891. Professor Macalester College, 1892-1899. D. D., Macalester College, 1901. Student College de France, Paris, 1899-1901. Pastor, 1901-1907. Professor, Macalester College, 1907—
Residence, 2268 Blake Ave. N. W. Midway 1152.

FREDERIC GIBBS AXTELL, A. M.,

Librarian. Associate Professor of Bibliography.

A. B., 1888, Wesleyan University; A. M., 1891. Graduate student in long semester, 1901-1902, University of Berlin. Graduate student in Summer Quarter, 1905, University of Chicago. Librarian Macalester College, 1903—
Associate Professor of Bibliography, 1909—
Residence, 1479 Grand Ave.

FRANKLIN WATERS PLUMMER, A. B.,

Associate Professor of Biology. Physical Director for Men.

A. B., Wabash College, 1908. Graduate student in University of Minnesota, 1908-1909. Instructor, Macalester College, 1908-1910. Associate Professor of Biology, 1910—.

Residence, 75 Baldwin St.

HAROLD OMER BURGESS, A. B.,

Associate Professor of Latin Language and Literature.

A. B., Wabash College, 1908. Graduate student University of Minnesota, 1911. Principal New Market, Ind., High School, 1905-1907. Principal, Remington, Ind., High School, 1908-1909. Superintendent, Remington, Ind., School, 1909-1910. Associate Professor of Latin Language and Literature, Macalester College, 1910—.

Residence, 1667 Lincoln Ave.

CHARLES BREMICKER, A. B.,

Associate Professor of German.

A. B., Macalester College, 1911. Student in Gymnasium, Unterbarmen, Germany, Blackburn University, 1883, Dubuque German Seminary, 1884-1886. Graduate of McCormick Theological Seminary, 1888. Graduate student, University of Berlin, 1896.

Residence, 1507 Selby Ave. N. W. Midway 2310.

GRACE BEE WHITRIDGE,

Physical Director for Women. Instructor in Dramatic Art and English.

Graduate of Boston School of Oratory, 1890. Post-Graduate student of Boston School of Oratory, 1891. Student Harvard University, 1892. Graduate New York Academy of Dramatic Art, 1899. Student Columbia University, 1901, 1902, 1904.

Residence, 654 Hague Ave. N. W. Dale 301.

FARQUHAR DAVID McRAE, Ph. D., D. D.,

Instructor in Apologetics and History. Student Pastor.

A. B., Park College, 1887. A. M., New York University, 1893. Ph. D., New York University, 1896. D. D., Park College, 1910. Graduate of the Union Theological Seminary, 1890. Instructor in Apologetics, Macalester College, 1907—.

Residence, 41 Macalester Ave. N. W. Midway 537.

MAY GIBSON, A. M.,

Instructor in Latin.

University of Minnesota, A. B. 1905; A. M. 1910. Instructor in Latin and German, Alexandria, (Minn.) High School, 1906-1908. Instructor in Latin and English, Baldwin School, 1908-1910. Instructor in Latin, Macalester College, 1910—.

Residence, 312 17th Ave. S. E., Minneapolis, Minn.

N. W. East 2985.

LILY ISABEL LEWIS,
Instructor in French.

Student, Munich, Germany 1890-1894; Lausanne, Switzerland, 1894-1897; University of Minnesota, 1911—. Teacher of Foreign Language, Minneapolis School of Music, Oratory and Dramatic Art, 1909-1910; French and Singing, Eleanor Miller School, St. Paul, 1909-1910. Instructor in French, Macalester College 1910—. Residence, 191 Macalester Ave. N. W. Midway 1984.

FRANK DICKEY SCOTT, A. B.,
Instructor in English and Argumentation.

A. B., Waynesburg College, 1910. Graduate student University of Minnesota, 1910—. Instructor in English and Argumentation, Macalester College, 1910—. Residence, 1659 Princeton Ave. N. W. Midway 1859.

GERTRUDE CRIST,

Secretary to Faculty, President and Registrar.

Graduate, 1903, Central High School in the Scientific Course. Graduate, 1904, Lancaster Business College. Instructor in Lancaster Business College, 1904-1905. Instructor in Commercial Studies, Baldwin School, 1905—. Residence, 1230 Dayton Ave. N. W. Midway 658.

Athletic Coaches.

F. W. PLUMMER	Director
L. C. CHRISTOPHERSON	Football and Track
F. L. MULLANE	Baseball

Committees of the Faculty.

Rules and Discipline.

THE PRESIDENT	J. P. HALL
A. W. ANDERSON	JULIA M. JOHNSON

Curriculum.

R. U. JONES	JAMES WALLACE
A. W. ANDERSON	H. S. ALEXANDER
H. O. BURGESS	HARRY PHILLIPS

Library.

F. G. AXTELL	JAMES WALLACE
A. W. ANDERSON	H. D. FUNK
G. W. DAVIS	ELIZA M. LOW

Athletics.

F. W. PLUMMER
GRACE B. WHITRIDGE

H. S. ALEXANDER
H. O. BURGESS

Public Exercises.

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JULIA M. JOHNSON
LILY I. LEWIS

J. P. HALL
GRACE B. WHITRIDGE
CHARLES BREMICKER

Publications.

J. P. HALL
D. N. KINGERY

THE PRESIDENT
F. D. SCOTT

F. G. AXTELL

Matriculation.

A. W. ANDERSON
D. N. KINGERY
H. O. BURGESS

J. P. HALL
R. U. JONES
HARRY PHILLIPS

Religious Work.

F. D. McRAE
CHARLES BREMICKER

JAMES WALLACE
JULIA M. JOHNSON

H. D. FUNK

Advisory Members.

DR. J. E. BUSHNELL

DR. H. C. SWEARINGEN

Dormitory.

JULIA M. JOHNSON
GRACE B. WHITRIDGE.

THE PRESIDENT
F. D. SCOTT

Supervision of Buildings.

THE PRESIDENT
H. S. ALEXANDER

R. U. JONES
G. W. DAVIS

Advisory Members.

S. M. COOKMAN

H. E. OLSON

Teachers Bureau.

D. N. KINGERY
H. D. FUNK
MAY GIBSON

JAMES WALLACE
F. W. PLUMMER
GERTRUDE CHRIST, Sec'y

College Council.

THE PRESIDENT	A. W. ANDERSON
D. N. KINGERY	GRACE B. WHITRIDGE
OAKLEY R. TRIPP	Senior Representative
J. MERTON SNYDER	Junior Representative
LLOYD GILMORE	Sophomore Representative
ROSS H. WILLMERT	Freshman Representative
MIRIAM WALLACE	Academy Representative
JOHN T. McCALLUM.....	Academy Representative

Other Officials.

Housekeeper of Wallace Hall.....	ALICE M. CLOUGH
Steward of Edwards Hall	J. R. THOMAS
Steward of Eutrophian Hall.....	W. E. SCOTT
Steward of Uta Ota Club.....	L. H. WATKINS
Steward of Euthenian Club.....	LLOYD GILMORE
Head Engineer.....	SAMUEL M. COOKMAN
Superintendent of Buildings.....	H. E. OLSON
Assistant Engineer, Wallace Hall.....	G. O. CHASE
Assistant Engineers, Main Building.....	DEL LAUGHLIN
	J. M. SNYDER
Head Janitor.....	H. G. BOSLEY

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, born in Philadelphia in 1823, was graduated from Amherst in 1842. After completing his theological studies under Rev. Albert Barnes, he came west, and in 1849, commissioned by the presbytery of Galena, Ill., came to St. Paul as a missionary to the whites. Thereafter until his death (except during the civil war) he devoted his time about equally to the work of the Christian minister and to that of an educator. He 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.

Next to Dr. Neill, in point of disinterested service

for the college, stands Rev. Daniel Rice, D. D. Educated at Amherst College and at Andover Seminary, after long and useful service in Ohio and Indiana, he came to Minnesota in 1875. The late years of his life (1879-1889) he devoted wholly and gratuitously to the upbuilding of this institution of which he was an honored trustee and professor.

Others most actively interested in the establishment of Macalester College were William C. Baker, Richard Chute, W. W. McNair, John S. Pillsbury, Judge C. E. Vanderburgh, Rev. J. C. Whitney, Hon. Eugene M. Wilson, Rev. Robert F. Sample, Henry J. Horn, Henry M. Knox, H. L. Moss, ex-Governor Alexander Ramsey, Chas. T. Thompson, Robert P. Lewis, H. K. Taylor, Thomas Cochran, and Major B. F. Wright. Later, the college found warm friends and supporters in Rev. David James Burrell, D. D., and Rev. J. B. Donaldson, D. D., for several years president of the Board of Trustees. This list would not be complete without mention of the name of James Wallace, Ph. D., acting president 1894-1900 and president 1900-1906, whose faith and loyalty never faltered during the dark days following the panic of the early nineties. A number of the trustees were honored sons of Eastern colleges, such as Amherst, Hamilton, Williams, Lafayette, University of New York, Union and others. The purpose, therefore, in the minds of these men was to build up in the Northwest an institution after the noble character and aims of these institutions whence they came. This was their ideal.

From the beginning Macalester College was burdened with debt, and although, under the leadership of Dr. 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. Again, under Dr. Wal-

lace's administration, with the energetic assistance of Robert A. Kirk, Thos. Shaw, and Rufus C. Jefferson, the board was reorganized, the debt liquidated, and efforts for a permanent endowment begun. By February 1907, pledges had been made amounting to about \$175,000.

Dr. James Wallace resigned the presidency June, 1906, and in January, 1907, Thomas Morey Hodgman of the University of Nebraska was elected president. On July 1st, 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; that total assets were then \$670,000; and that Quail, Parker & Co., Certified Public Accountants, had audited the financial accounts and standardized the method of bookkeeping. The chief gifts were \$75,000 from the General Education Board, \$50,000 from Hon. Andrew Carnegie, \$50,000 from Mr. James J. Hill, \$50,000 from Mr. Frederick Weyerhaeuser and over \$100,000 from the Trustees. The debt of gratitude which church and college owe those who clung to the institution and who came to its help in the dark days—many of them are still members of the Board of Trustees—is not yet fully appreciated and can never be repaid. The patience, devoted loyalty and heroic sacrifices wrested a great victory out of apparent defeat.

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 Henry D. Funk.

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 college students. Its most pressing needs are more endowment, a gymnasium

for men, a central heating and power plant, and a library building.

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, Minn., duly incorporated under the laws of Minnesota, the sum of dollars.

Location.

Macalester College is located in Macalester Park, a beautiful suburb in the so-called Midway district, between the Twin Cities of Minneapolis and Saint Paul. Although this district is now experiencing a rapid growth and is destined to be the choice residential section of these cities, the College is still away from the distractions and temptations of city life. There are no saloons or other places of temptation in the vicinity. The location is favorable for study, for the development of a pure and wholesome college life, and for careful supervision of the conduct of students. Easy access to these cities, however, is afforded by the Grand Avenue and Snelling Avenue electric lines—the latter of which connects with all four interurban electric 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, eight 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, containing class rooms, society halls, men's gymnasium, library, reading room, auditorium and executive office. The building is heated by steam and provided with its own electric light plant.

The **Library** contains about twelve thousand five hundred volumes, most of them classified on the Dewey system. The department of bound periodicals at present contains about thirteen hundred volumes. 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. For greater security this collection is now located in the museum room in Science Hall.

A large room on the third floor affords excellent accommodations for both Library and Reading Room. It is open every school day during the college year from eight until five o'clock and on Saturdays and holidays from two to five o'clock.

Seventy current periodicals are on file in the Reading Room and in the department libraries of Science Hall.

There is set apart each semester, for maintenance of the Library and Reading Room, one dollar 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 this year four hundred dollars.

The Bible Training department has received for books about fifty dollars, the gift of friends.

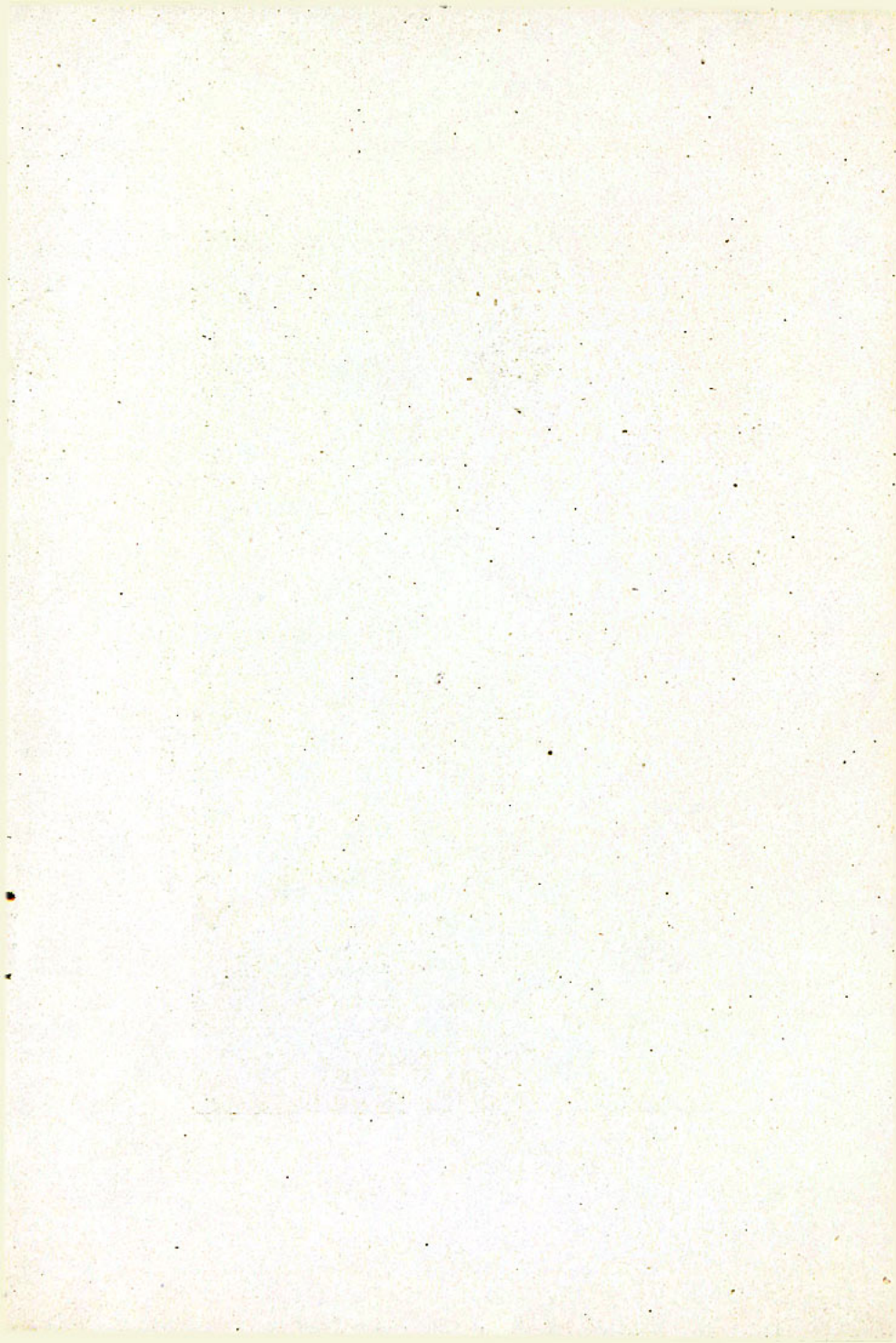
The firm of Reed & Stem, St. Paul, contributes one hundred dollars annually for an alcove of art and architecture.

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—especially for education, political science, natural science, and biography.

The Library is conducted on approved modern lines of helpfulness by a trained librarian, who gives his entire time to the work. As associate professor of bibliography, the librarian gives systematic instruction to the incoming classes in the care and use of books. It is planned to enlarge this instruction in the near future. It is believed that in efficiency this library ranks high among college libraries.

The Carnegie Science Hall is a three story building with a full height basement. It is essentially fire proof, 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 manual training. 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





WALLACE HALL. WOMEN'S DORMITORY

steam coils and is driven through 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 demonstration and lectures. Light is abundant and well directed. For its size and purpose this building has no superior.

The Men's Dormitory is a three-story brick building, ninety feet long by thirty-eight feet wide. The second and third floors contain twenty double rooms designed to accommodate two students each. The rooms are furnished with plain, substantial furniture, are well lighted and thoroughly comfortable. This hall is for men exclusively. The building is heated with steam, and lighted with gas. Students must care for their own rooms or arrange with some one to do so.

Wallace Hall is a new building 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 fire-proof. 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 dormitory for men, on Macalester Avenue, one block south of the college. It is named after W. C. Edwards, of St. Paul, through whose liberality it was erected. It

furnishes accommodations for twenty-two men, and sets tables for forty. 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.

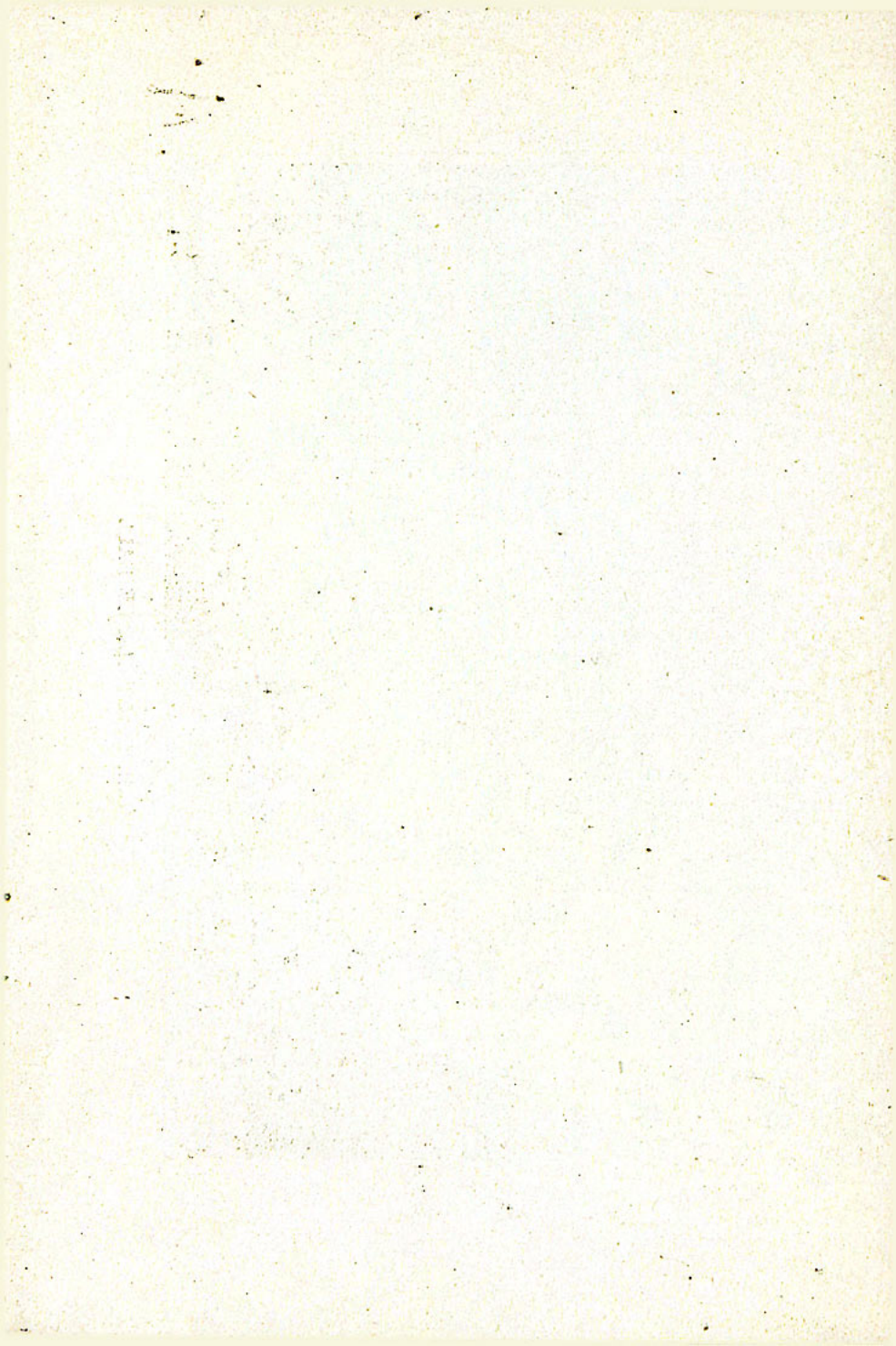
Eutrophian Hall is a frame dormitory at the corner of Summit and Snelling avenues. It is heated by a furnace, lighted by gas, and accommodates twenty-five men. It has bath room, lavatory and toilet facilities. The kitchen and dining room are managed on the co-operative plan by the Eutrophian Hall Club. The rooms are furnished similarly to those in the men's Brick Dormitory. This building is under student government.

Euthenian Hall, corner of Lincoln and Snelling avenues, is a commodious and attractive dormitory, leased by a club of men and under the management of its officers. It lodges twenty students and has dining room facilities for twenty-five.

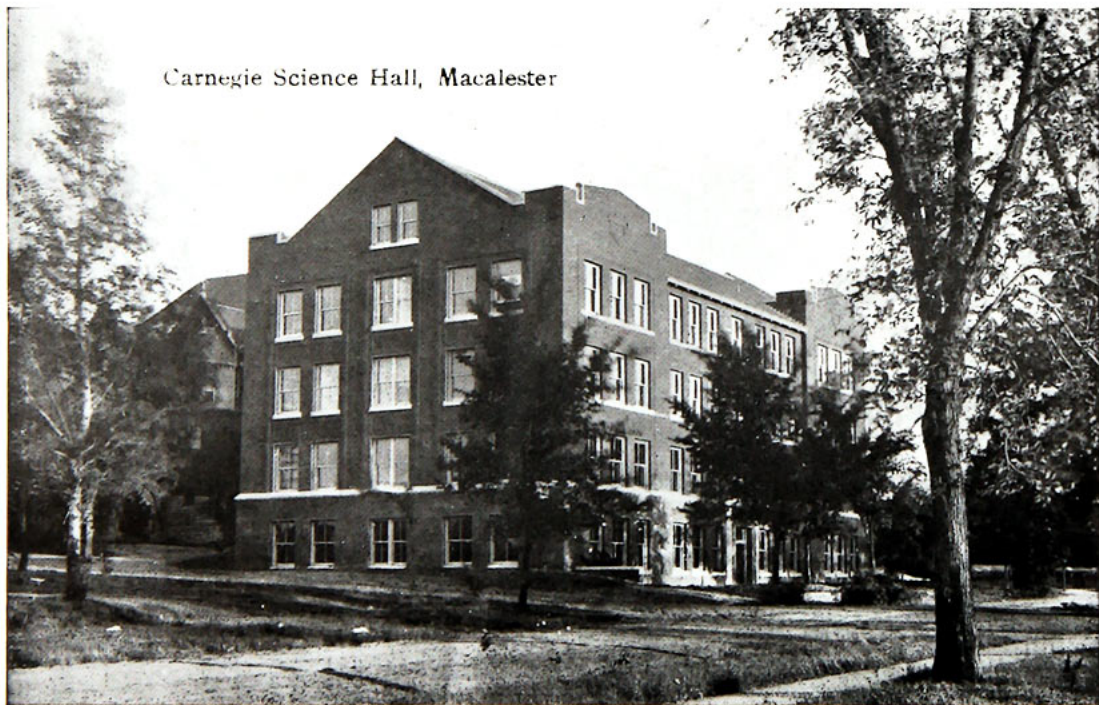
Music Hall.—The School of Music has its offices in Wallace Hall, but uses for practice work, a special building which faces the campus, and contains sixteen rooms heated by steam and lighted by gas.

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 inclosed 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



Carnegie Science Hall, Macalester



CARNEGIE SCIENCE HALL

which is a layer of fine surfacing cinders two inches deep. The part of the field inclosed 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.

On the east side of the field between the fence and the track lies an elevated strip about thirty feet wide along which a series of bleachers is being constructed. These are to be in units having a seating capacity of about five hundred each. The first of these which is already built is completely inclosed underneath, providing room for the storing of the field equipment and for ticket offices.

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 and broad jump and the discus throw.

Shaw Field which was dedicated at the opening of the school year in 1909 was named in honor of Prof. 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 \$362,000.

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.

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 co-operation. A College Council, composed of student and faculty representatives, voices student opinion and cultivates student self-control. No finer tribute can be paid Macalester's students than this—that after four years of experiment both faculty and students regard student self-government as a gratifying success.

Religious Activities.

The Christian Associations of the college are large and active. The Y. M. C. A. has a membership of about forty students. It holds its regular meeting every Tuesday 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 Oscar Westerlund.

The Y. W. C. A. has this year increased its membership to seventy-five. Its regular meeting is held every Tuesday evening. There is also a flourishing mission-study class. The president of the association is Jessie E. Fisher.

Literary Societies.

In the college there are four literary societies under the general oversight of the faculty. Hyperion and Eulogian societies admit to membership both men and women; Athenaeon Society admits men and Clonian Society women.

In Baldwin School, the Parthenon Society is open to all students.

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

Oratorical Association.

This association seeks to promote an interest in Oratory. The interests of the college in the state association are under the control of this association. By means of a preliminary contest it selects one member to represent the college at the state oratorical contest. A. E. Nelson took first place in the last local contest.

Debating Board.

This Board is composed of three representatives from the faculty and one representative from each literary society and each class of the college. It has charge of all matters relative to debating. A triangular league has been organized this year consisting of St. Olaf College, Fargo College and Macalester. Each college has one affirmative and one negative team, which debates the same question, on the same date, one debate being held at each college. Macalester's teams, chosen from preliminary contests, are: Affirmative—L. H. Watkins, B. P. Holt and H. G. Bosley; negative—W. E. Scott, Lloyd Gillmore and P. E. Sargent. The affirmative team debated Fargo at Macalester, the negative team, St. Olaf at St. Olaf. The question was, "Resolved that the United States government should establish a central bank."

A series of inter-society debates has also been held among Hyperion, Clonian, Athenaeon and Eulogian on the question, "Resolved that St. Paul should have a commission form of government."

Department Clubs.

French.—This is composed of interested students in the department of French and meets each month for improvement in the French language and literature. Readings, recitations, songs, games and plays, all in French, constitute the programs.

Pedagogy.—This is an organization of students interested in the advancement of pedagogic training. Students in the Education department and those who have had actual experience in teaching are eligible to membership.

Prizes and Scholarships.

Noyes Prize.—Mrs. D. R. Noyes has given \$1,000 the interest on which is used as prizes for student scholarship. To this the Trustees this year add \$50. Last year the senior prize was awarded to Marjorie L. Hanson, the junior to Marion B. Jones and the sophomore to Vera M. Zimbeck.

Stringer Prize.—Through Mr. E. C. Stringer of St. Paul, 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 less than fourteen recitations a week, takes the first place in the preliminary oratorical contest mentioned above, and represents the college in the state contest. Awarded last year to Fred F. Carson.

Shaw Scholarship.—Given by Prof. Thomas Shaw of St. Paul, to the nominee of the Central Presbyterian Church of St. Paul, yielding \$50 per annum.

Silliman Scholarship.—Offered by Mr. H. B. Silliman of Cohoes, N. Y., and yielding \$50.00 per annum. Awarded this year to Del Laughlin.

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.

Webb Scholarship.—Mr. E. A. Webb has given \$1,000, the interest of which is to aid a candidate from the Central Presbyterian Church of St. Paul.

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

Honorary Scholarships of \$42.00 each are offered annually in approved high schools and academies to the student having the highest standing in scholarship among the young men of the graduating class and to the student having the highest standing among the young women of the class.

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 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. Classes in physical training are conducted for young women in the gymnasium of Wallace Hall. Attendance is required of freshman. A trained coach for gymnasium and field sports for men is provided. The physical director is a regular member of the Faculty.

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. Quarterly reports are made of Baldwin School students. If these are not received the fact should be reported to the Registrar.

Students who fail in term grade or in both the regular and delinquent examinations, must take the subject again in class.

For private and delinquent 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 delinquents 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 Classical course receive the degree of B. A.; those from the Scientific course the degree of B. S.

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

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 de-

siring to make inquiry in regard to teachers should address The Teachers' Bureau, Macalester College, St. Paul, Minn.

Publications.

The following publications are issued from the college:

The College Catalogue, which is one number of **The Macalester College Bulletin**, an eight page monthly paper devoted to the advertisement and advancement of the institution.

Junior Annual, a yearly publication devoted to college interests, published by the junior class of the college.

Self-Support.

Students desiring to do something towards 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 through college, provided the long 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, Eutrophian Hall, Midway 171, Men's dormitory, Midway 320, Edward's Hall, Midway 2175, Euthenian Hall, Midway 1259.

Expenses

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

	College.	School.
Tuition, Regular student	\$25.00	\$21.00
Special student (8 hours or less)	15.00	
Special student (10 hours or less)		13.00
Special fees—		
Biology	3.00	1.50
Physiology	1.50	1.50
Chemistry	5.00	5.00
Physics	2.50	1.00
Geology	1.00	
Shop Work	4.00	3.00
Homemaking	1.00	
Mechanical Drawing .....	.50	
Commercial .....	.50	.50
Diploma	5.00	3.00

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

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.

2. All candidates for the ministry of whatever church or denomination, are allowed a rebate of eight

dollars each semester, 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, though made at a great sacrifice to the college, is offered cheerfully and with the purpose of enhancing, as far as possible, the usefulness of the college. It is, however, justly expected of those who are thus helped that they will be faithful in promoting, as far as in their power, the welfare of the institution 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 \$4.00 on college tuition fee and \$3.75 on school 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.

All room rent and board items to be paid in advance each month, otherwise rooms must be vacated.

Edwards Hall (for young men)—Board, per week, average	\$3.00 to 3.40
Room rent, per week .....	.35
Light and heat, per week, estimated.....	.25
Eutrophan Hall (for young men)—Board, per week	\$3.00 to 3.40
Room rent, per week	1.00

A monthly rental is charged the clubs for the use of dining room and kitchen.

Wallace Hall—Board, per week	4.00
Room rent, per week, including light and heat, two in a room, each	\$1.25 to 2.00
Men's Dormitory—Room rent, with light and steam heat (inner rooms), two in a room, each, per week .....	.75
Corner rooms, two in a room, each, per week	1.00
Students rooming in the Men's Dormitory board at Ed- wards Hall, Eutrophian, Uta Ota, Euthenian, or in private families.	
Private Families.—Board, per week.....	\$3.50 to \$4.00
Room rent, per week.....	.75 to 1.00

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. Students in the dormitories must provide their own bed clothing, towels, napkins, and carpets or rugs. In Wallace Hall there are single iron beds, mattresses, pillows, dresser, study-table, two rockers, two study chairs, a lavatory with hot and cold water, steam heat and electricity. Floors are of hard wood.

(2) **Application.**—Application for room in the dormitories should be made as early as convenient to the President, enclosing \$1.00, which will be applied on room rent. Applicants should state in which hall they desire a room. 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.

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.

Registration.

Students are required to register by the beginning of each semester. A fine of twenty-five cents a day will be levied in case of tardy registration, unless remitted by the matriculation committee for satisfactory reasons, fines being imposed after the first day of commencement of classes.

A 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.

Order of Registration.

(1) Upon arrival at the college students proceed to the office and inquire for the Dean of the College, or the Principal of Baldwin School.

(2) They then fill out their entrance cards and arrange their subjects with the Dean or Principal and pass to the Accountant and pay all their tuition, special, music and other fees, and board and room rentals for the first month.

(3) The Registrar then gives them their registration card entitling them to enter their various classes.

COLLEGE OF LIBERAL ARTS.

Courses of Study.

The College of Liberal Arts embraces the following general courses:

1. The Classical Course, leading to the degree of B. A.
2. The Scientific Course, leading to the degree of B. S.

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.

A total of 126 credits is required for graduation.

The following courses are required for both the B. A. and B. S. degrees:

(1) 16 credits of subjects listed under the Bible Training department. Philosophy 3 and Apologetics are required. At least 1 hour a week must be taken throughout the course.

- (2) 6 credits in English 1.
- (3) 8 credits in Social and Political Science 1, 3.
- (4) 8 credits in Philosophy 1 and 2.

—
38 credits required of all.

In the Classical Course, the following subjects, in addition to the above, are required for graduation:

(1) Latin, five years, four of which may be taken in high school or academy.

(2) Greek, German or French, four years, two of which may be taken in high school or academy.

(3) 12 credits in group III.

In the Scientific Course, the following subjects, in addition to the above, are required for graduation.

(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 18 credits from two departments of group III.

All freshmen must select one of the following courses:

Classical Course.

Bible.
English 1.
Latin 1.
Greek, German or French.
Elective, 4 hours.

Scientific Course.

Bible.
English 1.
Mathematics 1 and 2.
Latin, Greek, German or
French.
Elective, 4 hours.

Each student must elect before the beginning of the sophomore year, aside from the 38 credits listed above, one major and two minors from the fourteen following departments:

GROUP I.

- | | |
|-------------|-------------------------|
| 1. English. | 4. German. |
| 2. Latin. | 5. French (minor only). |
| 3. Greek. | |

GROUP II.

- | | |
|----------------------------------|-----------------------------|
| 1. Bible. | 4. History. |
| 2. Philosophy and Education. | 5. Expression (minor only). |
| 3. Social and Political Science. | |

GROUP III.

- | | |
|-------------------------------|---|
| 1. Mathematics and Astronomy. | 3. Physics (including shop 2 or 3 for major). |
| 2. Chemistry. | 4. Biology. |

A major consists of 20 credits in one department.

For B. A. degree, the major must be from groups I or II.

For B. S. degree, the major must be from group III.

A minor consists of 12 credits in one department. At least one minor must be in a different group from the major. The minors are subject to the approval of the adviser and of the Dean.

The requirements in regard to majors and minors will go into effect with the present freshman class and are made optional for the advanced classes.

Each candidate for a degree shall be required to file with the librarian before April first preceding graduation an original thesis on some subject connected with his major, which thesis must be approved by the head of the department in which the major is taken. The subject of the thesis shall be selected before the beginning of the second semester of the junior year.

No credit will be given for one-half year's work in one year courses unless some distinct phase of the subject is completed and the head of the department approves.

The term **credit**, used in the following pages means one semester-hour, the equivalent of one hour recitation a week for one semester.

For information on courses offered, see the Particular Description.

The College does not hold itself bound for instruction in any elective course for which fewer than five students make request to the Registrar.

Preparation for the Study of Medicine.—The work in Biology and in Chemistry (three and seven and a half years in the laboratory respectively) furnishes rare preparation for those who intend to study medicine.

Preparation for the Study of Law.—The required and elective studies in Political Economy and Social Science and the electives in Forensic Oratory and Constitutional History offer an admirable course to those who are preparing for law. Students, who, while pursuing certain studies in college, wish also to take up the study of law, find excellent opportunity of doing so in connection with the St. Paul Law School, which

gives all its lectures in the evening in the City Hall, but twenty-five minutes' ride from the college.

Preparation for Teaching.—Attention is called to the courses in Education open to students who intend to teach. The College seeks especially to meet the needs of such. The courses in Psychology and Philosophy are thorough and extensive and relate themselves closely to Education. It is expected to supplement the class-room work with lectures by teachers of large experience. A course is now offered in laboratory shop work. This course affords those who are intending to teach science an excellent opportunity for practical experience and preparation.

Preparation for the Christian Ministry.—The Bible training department and the electives in Greek Testament, Ethics and History offer a course unusually 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.

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. 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.

Partial Courses.—Students who are not looking forward to a degree may be admitted to select courses for which they have sufficient preparation.

Admission from High Schools and Academies.—

Students from accredited four-year high schools and academies are admitted to the freshman class without condition, provided that credits to the amount of fifteen units are presented. By a unit is understood four or five recitation hours of not less than forty minutes each, carried for a year of thirty-six weeks. Students from unaccredited high schools and academies have their credits evaluated by the Dean and the heads of departments. Students coming with excess units, for which they desire credit on their college work are referred to the heads of departments for the evaluation of the excess work. In no case is more than half time allowed for such courses.

No college credit will be allowed on any subject taken in high-school or academy except after examination given by the college instructor in the department to which the subject belongs.

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.

Applicants for admission to the freshman class should apply to the Registrar for the Applicant's Admission Blank, which should be taken to the principal of the high school or academy in which their courses were taken, and by him officially filled out and mailed to the Registrar. Students should not bring this blank with them, but have it filled out and sent on at any time in the summer. Compliance with this rule prevents delays and greatly facilitates registration.

A student submitting thirteen and a half units will be admitted as freshman, conditioned, and may make up deficiencies in Baldwin School. Unconditioned freshmen, who may lack certain preparatory studies necessary for the courses they wish to pursue, may take these studies in Baldwin School without extra

charge for tuition. A five hour course so taken counts for four hours on the college course. Students intending to take the B. A. degree are advised to present not fewer than ten units in following subjects:

English 3.	Algebra 1½.
Latin 4.	Geometry 1½.

Also of the following, enough to aggregate five units.

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

Those wishing to take the B. S. degree are advised to present not fewer than nine units in the following subjects:

Mathematics 3.	German 2.
English 4.	Physics or Chemistry 1.

Also of the following, enough to aggregate six units:

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.

Students who are preparing to enter Macalester College and wish more definite suggestion respecting the course of preparatory study they should follow, will find a course similar to the following well suited to their needs:

For the B. A. degree.

Composition and Rhetoric 2 units.
 Literature 2 units.
 Algebra 1 or 1½ units.
 Geometry 1 or 1½ units.
 Latin 4 units.
 Greek or German 2 units.
 History and Civics 2 units.
 Natural Science 2 units.

For the B. S. degree.

Composition and Rhetoric 2 units.
 Literature 2 units.
 Algebra 1½ units.
 Geometry 1½ units.
 Latin 2 units.
 German 2 units.
 History and Civics 2 units.
 Natural Science 2 or 3 units.

Candidates for Advanced Standing.—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.

Faculty Advisers.—The Faculty has recommended that six of its heads of departments be appointed by the Board of Trustees as Faculty Advisers. To one of these six professors every student is assigned, at the beginning of his sophomore year, according to the major subject selected. The adviser arranges the course of study in accordance with the vocation the student has in view; is available for advice at a fixed office hour each week; notes the student's progress in class; and reports on each individual in his group to the Dean at the end of the semester. The aim of this system of advisers is vocational direction, timely warning to laggards, more intensive and consistent courses, closer and more friendly supervision.

Particular Description.

BIBLE TRAINING DEPARTMENT.

On the John C. Martin Foundation.

Professors Wallace, Davis, McRae and Anderson.

This department has two objects: First, to provide a well graded course of instruction in the Bible for all the students of the various classes. This emphasis on the study of the Bible is justified on the ground that it contains the message of Him who spoke the words of eternal life, who was himself the way, the truth and the life, because of its pure and lofty ethics, its social teachings, its unequalled literature, its influence on our own literature and law, and the value of its history. Second, to offer a substantial course of religious instruction for young men and women who wish to prepare themselves for some form of Christian activity as lay-workers. The church is entering on the era of the laity. Christianity is girding itself for the conquest of the world. Her call for workers is louder and more engaging than ever before. Her field is ripe for lay-workers of every kind, for missionaries and missionary teachers, for mission helpers, charity workers, pastors' assistants, secretaries in the Young Men's and Young Women's Associations, Bible readers, colporteurs and the like. To these classes of lay-workers the theological seminaries are not open. Besides, a training in the knowledge and use of the Bible is best secured in connection with the regular courses of study offered by the college, since to special students of this department is available instruction in other necessary branches such as general literature, elocution, music, etc.

The courses in this department embrace the following:

1. **The Life of Christ.**—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 view point 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, freshman, first semester two hours a week, two credits; elective, second semester, two hours a week, two credits.

2. **The Missionary Labors of the Apostles.**—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 through the agency of the Holy Spirit and of His inspired apostles. Required, sophomore, one year, one hour a week, two credits.

3. **Prophets of Israel.**—This course consists of a thorough 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.**—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 thorough 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.—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, Schench, 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.—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. First semester, two hours a week, two credits. Alternate years.

7. Oriental History contemporary with the Old

Testament.—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, two hours a week, two credits. Alternate years.

8. Biblical Pedagogy.—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. One semester, two hours a week, two credits.

9. Review of Old Testament History.—This is offered to college students who have had little or no opportunity of pursuing a consecutive study of Old Testament history before entering college. The object is to make a somewhat hasty review of Hebrew history from the conquest of Palestine under Joshua, down to the fall of Jerusalem, or a more careful study of such parts of this history as the class may prefer to pursue. One semester, two hours a week, two credits.

10. Hebrew.—The object of this course is to prepare students for advanced work in this subject as soon as they enter the seminary. The work embraces a thorough study of Genesis 1-8, including the grammatical principles of the language, acquisition of a good vocabulary, translation of English into Hebrew. One year, three hours a week, six credits.

11. Advanced Hebrew.—In the second year a criti-

cal study is made of one or more minor prophets including text, grammar, exegesis and history. Prerequisite, course 10. One year, two hours a week, four credits.

12. Apologetics.—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.

13. The Philosophy of Religion.—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 12. Second semester, three hours a week, three credits.

For other studies embraced in the Bible Training Department see:

Greek Testament, under Greek.

Ethics, under Mental Sciences and Philosophy.

The Reformation Period, under History.

Old and New Testament Biography and History, in Baldwin School.

If requested by not less than five students an elective will be offered one hour a week through the year following the international Sunday school lessons. The aim of the elective is, (1) to study the setting of the lesson, (2) make careful analysis of the materials, (3) discuss the pedagogical teaching of the lesson.

BIOLOGY.

A large part of the second floor of the Carnegie Science Hall is devoted to biology. The main laboratory is at the north end of the building and accommodates thirty students at a time. In the courses offered, each student is furnished a microscope, necessary apparatus and suitable material, and is encouraged to do original investigation with suggestions from laboratory directions as an aid. The object of the methods used is to cultivate the powers of observation and deduction, as well as to give the student a thorough knowledge of structure, comparative anatomy, comparative physiology and present day views as to biological problems.

The research laboratory is equipped with a large electrical oven, a rotary and sliding microtome for cutting sections, and the more common reagents and stains for histological work. A very fine microscope with a mechanical stage and oil immersion lens is available for demonstrations. The prepared slides are being made as fast as good material and time will permit.

In the stockroom, models of different structures and illustrative material assist in the presentation of the work. An advanced laboratory contains a large aquarium together with other equipment for the work.

1. **Botany.**—A course in comparative botany, beginning with the lowest forms and finishing with a brief study of the flowering plants, together with a short course in practical field work. One year, six hours a week, eight credits. Not offered 1912-1913.

2. **Zoology.**—A study of comparative zoology, from the protozoa through the vertebrata. Laboratory work includes a study of typical forms of each class. One year, six hours a week, eight credits.

3. **Physiology.**—General physiology, including a brief study of anatomy, physiology, and hygiene, with

particular reference to the human body. Lectures, text and laboratory work. Prerequisite, course 2 or equivalent. One year, three hours a week, six credits.

CHEMISTRY.

The department of chemistry occupies the third floor of Carnegie Science Hall. The large south room is used for general chemistry and qualitative analysis. In the north end are two rooms; one is for organic chemistry and quantitative analysis and the other is a lecture room. The balance room is equipped with five good analytical balances and two others for coarser weighing. A combustion room has the necessary furnaces for combustion work. The research laboratory is used for special work with spectroscope, polariscope, refractrometer, etc. The chemical library is kept in the office. The apparatus and chemicals necessary for thorough work in the courses offered are furnished. The laboratories are equipped with hoods, supply tables, cabinets and desks with water and gas. Special attention is given to a scientific method of observation and interpretation of results. Each student is required to make a complete and systematic record of all his investigations.

1. General Inorganic Chemistry.—The course includes a thorough 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, six hours a week, eight credits.

2. Advanced Inorganic Chemistry.—This is a continuation of course 1, with an introduction to physical chemistry. Prerequisite, course 1. One year, five 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, five or seven hours a week, six or eight credits; or second semester, eleven 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, five or seven hours a week, six or eight credits.

5. **Organic Chemistry.**—A course of lectures on organic chemistry, including a study of the aliphatic and aromatic compounds. The chemistry of foods, oils, explosives, etc., is considered. Some of the important compounds are prepared before the class. A laboratory fee of one dollar is charged, except when course 6 is also taken. Prerequisite, course 1. One year, two 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, four 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, five hours a week, six credits.

8. **Food Analysis.**—Milk and butter analysis receive special attention. Prerequisite, courses 1, 3 and 4. One year, four hours a week, four credits, or one semester, eight hours a week, four credits.

9. **Water Analysis.**—Prerequisite, courses 1, 3 and 4. One semester, five 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, two or four hours a week, two or four credits. No fee is charged.

Other courses, assaying, gas analysis, iron ore, etc., will be offered in the near future.

EDUCATION.

1. **History of Education to Modern Movements.**—The history is taken up from the earliest times and the course of educational theory and practice is followed among the Greeks, Romans, the medieval peoples, and down to the middle of the Eighteenth Century. Open to all students who have 32 credits. It is recommended, however, that students take a course in European history along with this course, if they have not already taken such a course. First semester, three hours a week, three credits.

2. **History of Education in the Modern Period.**—The course begins with Rousseau. It includes, not only the modern psychological, scientific and sociological movements in education, but also a survey of the modern state systems of education; their organization, curricula, methods, tendencies and results. Prerequisite, Course 1. Second semester, three hours a week, three credits.

3. Principles of Education.—A course given in three parts:

(1). **The Teacher and the Class.** This includes among other things the following important topics: class management, teaching to study, the curriculum, the physical nature of the pupil and the art of teaching.

(2). **Organization and Administration.** An examination of the structure of our schools and of their working, from the viewpoint of the teacher. Following a brief presentation of the organization, administration and supervision of schools generally, a more detailed study of secondary school administration is made.

(3) The course concludes with the philosophy of education, which is intended to unify and correlate the results of the work of the whole department and to enable the student to form clear and rational judgments respecting the instruments, methods, uses and ultimate ends and values of education.

Open to all who have completed or are now taking Philosophy 1 and 2. One year, three hours a week, six credits.

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.

ENGLISH.

1. Rhetoric.—The course in rhetoric is intended to cultivate the taste and to develop the critical power of the student; to train him in accurate observation and thinking and to the use of clear, forcible and elegant English. It includes the following: Theory and practice in the making of abstracts and plans, especially in exposition and argumentation; constructive studies in characterization, the short story, the essay, the ballad and the sonnet. Throughout the course emphasis is laid on practice rather than theory, with a view to pre-

pare the student for practical journalistic work. Required, freshman, one year, three hours a week, six credits.

2. **American Literature.**—Lectures and critical reading of selected authors; themes on assigned reading. Prerequisite, course 1. First semester, three hours a week, three credits.

3. **Old and Middle English.**—A study of the language, and reading of selections from the Old English Chronicle, King Alfred, Aelfric and the simpler poetry; Orm, Layamon and other Middle English texts, including Chaucer. Prerequisite, course 1. Second semester, three hours a week, three credits.

4. **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 1700. Spenser, Shakespeare and Milton are extensively read and discussed. Prerequisite, course 1. One year, three hours a week, six credits.

5. **The Drama in England** from the Miracle Plays to the closing of the theaters in 1642. Special attention will be given to the writings of the minor dramatists of the Elizabethan period. Prerequisite, courses 1 and 4. First semester, three hours a week, three credits.

6. **The Drama in England** from 1642 to 1900. While the course deals chiefly with the English drama, attention will be given to other literatures. Prerequisite, courses 1, 4 and 5. Second semester, three hours a week, three credits.

7. **History of Literary Criticism.**—A study of the principles governing literary composition. Prerequisite, courses 1 and 4. First semester, three hours a week, three credits.

8. **Browning and Tennyson.**—A comparative study.

Prerequisite, course 1, 4 and 7. Second semester, three hours a week, three credits.

9. **The English Novel.**—Its rise and development. Prerequisite, courses 1 and 4. First semester, three hours a week. Alternate for course 5. Not offered 1912-1913.

10. **Anglo Saxon, Beowulf.**—Prerequisite, courses 1 and 3. Second semester, three hours a week. Alternate for course 6. Not offered 1912-1913.

11. **English Literature from 1765-1892.** The study will include English and Scottish popular ballads and the writings of Burns, Wordsworth, Coleridge, Keats, Shelley, Byron and Scott. A substitute for course 10 at the option of the professor. Second semester, three hours a week, three credits.

12. **Argumentation.**—This course is designed to teach sound methods of thinking and clear, convincing expression as applied to public questions. A careful study is made of analysis, brief-drawing, proof, forms of arguments, fallacies, refutation and formal debates. The text is: Wm. Trufant Foster's *Argumentation and Debating*. This is supplemented by actual practice in analyzing specimens of arguments, by construction of briefs, by argumentative writing and by formal debates, prerequisite, course 1. One year, two hours a week, four credits.

EXPRESSION.

1. **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.

2. **Action.**—Sir Chas. Bell's *Anatomy and Phil-*

osophy of Emotions. Physical presentations of emotions including facial expression, gestures and attitudes. Platform work and original presentations. Prerequisite, course 1. One year, three hours a week, six credits.

3. **Shakespeare and Modern Drama.**—Dramatic interpretation. Prerequisite, courses 1 and 2. One year, two hours a week, four credits.

FRENCH.

The object of this course of study is to give pupils a good general, practical knowledge of the language so that they may be able to converse in French and have a good appreciation of the literature.

1. **Elementary French.**—In the first year the aim is to give a thorough grounding and drilling in grammar—with exercises in translation, conversation and pronunciation. In the second semester the reading of some easy work in prose is begun. One year, four hours a week, eight credits.

2. **Prose Reading.**—This course is composed largely of readings in prose works by modern authors, with a light review of the author and his works, as each work is taken up. Composition and conversation are also part of the work. Prerequisite, course 1. One year, three hours a week, six credits.

3. **French Classics.**—This year includes the reading of modern authors and some classics; composition and syntax. Works of Hugo, Corneille, Moliere, Racine. Prerequisite, course 2. One year, three hours a week, six credits.

4. **History of French Literature.**—The fourth year is given to the history of French literature with readings from many authors, and conversation and composition. Prerequisite, course 3. One year, three hours a week, six credits.

GEOLOGY.

A general course in dynamic, structural and historical geology. In connection with and as a part of structural geology a short lecture course is given in mineralogy to familiarize the student with the elementary principles of the subject. Le Conte's Elements is made the basis of the year's work, and in addition to the lectures and laboratory work each student is required to do a certain amount of field work and to make an identified collection of the most important rocks and fossils of this locality. An elementary course in chemistry is required. One year, three hours a week, six credits.

GERMAN.

Elementary, intermediate and advanced courses are offered. A thorough, systematic study of German will not only enable the student to speak and write it, but make the use of it in scientific research of the great authors, and in his professional and business career a delight.

1. **Elementary.**—Grammar, composition, easy reading from several readers, memorizing of small poems, and conversation. One year, four hours a week, eight credits.

2. **Intermediate.**—Grammar reviewed, selections from Stern, Goethe, Schiller, Heine, Wildenbruch, Mosher, Allen and others, composition and conversation. One year, four hours a week, eight credits.

3. **Advanced.**—Classic dramas of Goethe's Faust, Schiller's Wilhelm Tell, Lessing and others, composition, conversation. One year, four hours a week, eight credits.

4. **Romantic School.**—Selections from Lessing, Kleist, Tieck and others, with composition. First semester, three hours a week, three credits.

5. **Classic Prose.**—From the Reformation, between Luther and Lessing's time, composition. Second semester, three hours a week, three credits.

6. **Epic Poetry.**—Selections from Goethe's Hermann and Dorothea, Scheffel, Freytag and others, composition and material for conversation. First semester, three hours a week, three credits.

7. **Lyric Poetry and the Modern Novel.**—Selections from the leading authors. Second semester, three hours a week, three credits.

8. **History of German Literature.**—Lectures, essays, and readings. First semester, three hours a week, three credits.

9. **Teachers' Course.**—Grammar, composition, prose, conversation. One year, two hours a week, four credits.

10. **Middle High German.**—Grammar and readings from Middle High German literature. Second semester, three hours a week, three credits.

GREEK.

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

1A. **Grammar.**—A study of the elements of the language. Drill in form, vocabulary, syntax and composition, preparatory to the Anabasis. One year, four hours a week, eight credits.

2A. **Anabasis.**—A thorough syntactical study and reading of four books of Xenophon's Anabasis with prose composition and sight translation. One year, four hours a week, eight 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 accidence 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 2A. 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 2A. 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 theatre 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, 52 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. The work is based mainly on the Acts of the Apostles and some of Paul's Letters. Prerequisite, 52 credits. One year, two hours a week, four credits.

HISTORY.

Courses 1 and 2, offered in alternate years, are open to freshmen and to upper classmen who have not taken these or similar courses.

1. **European History.**—From 31 B. C. to the close of the fifteenth century. A suitable textbook, sources, and documents form the basis of the work. Collateral reading and topical reports are required. At the end of the year the student must present a thesis on some subject related to the course. One year, four hours a week, eight credits.

2. **English Constitutional History.**—This is a study of the political and constitutional development of England from the Norman Conquest until 1688. The required textbooks are Gardiner's Student History of England, White's The Making of the English Constitution, and Adams' and Stephen's source-book. Collateral reading and a thesis are required. One year, four hours a week, eight credits. Not offered 1912-1913.

The following courses are open to those who have completed 1 or 2 or equivalents.

3. The Reformation Period.—This course covers the Pre-Reformation, the Protestant revolt, and the history of Europe to the Peace of Westphalia. A text-book will be used, but special attention will be given to topical reports. A thesis is required. First semester, three hours a week, three credits.

4. The French Revolution.—This course covers the French Revolution proper and the period of European wars until the overthrow of Napoleon in 1815. The method of study is the same as in course 3. Second semester, three hours a week, three credits.

5. American History.—Beginning with the American Revolution this course extends to 1829. First semester, three hours a week, three credits. Not offered 1912-1913.

6. American History.—From 1829 to the present time. Second semester, three hours a week, three credits. Not offered 1912-1913.

7. American Colonial History.—Beginning with the earliest settlements in the colonies this course aims to trace the development of these institutions and forces which brought about the independence of the colonies. First semester, three hours a week, three credits.

8. The Westward Movement.—This course traces the westward extension of the United States and the economic and political development incident to this expansion. Prerequisite, courses 5, 6 and 7. One year, three hours a week, six credits. Not offered 1912-1913.

9. Modern European History.—From 1815 to the present time. Special attention is devoted to the industrial evolution of this period. Second semester, three hours a week, three credits.

HOME MAKING.

The aim of these courses is to start the student in the right way to become mistress of the business of home making.

1. **The Home.**—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 and distribution of light. Elementary study of architecture in connection with planning a house and plans that meet the requirements, comfort and convenience of the family for which the house is intended. Lectures, problems and recitations. First semester, two hours a week, two credits.

2. **Domestic Hygiene.**—Systems and methods of ventilation, heating and lighting. Water and water tests of the household. Plumbing. Care of the house and household belongings. Prerequisite, course 1. Second semester, two hours a week, two credits.

3. **Household Art.**—The furnishing of the house from the standpoint of good taste and economy. Value of form, color design and material in furnishing. Textiles. The study of cotton, linen, flax and wool and the manufacture of each. Color schemes and designs in papering, hangings and rugs. First semester, two hours a week, two credits.

4. **Social Culture.**—Study of forms and customs which should be known and observed in community life. The meaning and value of true hospitality. Second semester, two hours a week, two credits.

LATIN.

1. **Freshman.**—Livy, selections from books I., XXI., and XXII.; Cicero de Senectute; Terence. 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 thoroughly with fundamental principles and enlarge his vocabulary. Prerequisite, four years work in Latin equivalent to the course in Baldwin School. One year, four hours a week, eight credits.

2. Sophomore.—Pliny's Letters; odes, satires and epistles of Horace; Germania or Agricola of Tacitus; a tragedy and a comedy. This course offers a wider range of reading than is found in the more intensive advanced courses, 3-7. A thorough knowledge of forms and syntax is presupposed. More time is spent on literary content and style. In connection with the works of Horace a thorough study is made of his life, literary art and prosody. Throughout the course are noted the conditions in the Roman literary world and the various phases of life and politics under the Empire. Prerequisite, course 1 or its equivalent. One year, three hours a week, six credits.

3. The Latin Drama.—(a) Plautus, (b) Terence, (c) The Senecan Tragedies. A study of representative plays with lectures and topical work on the sources and treatment of material, the social conditions illustrated, the theatre, actors and spectators. One year, two hours a week, four credits.

4. Ethics.—(a) Lucretius and Epicurean philosophy; (b) Seneca,—Stoicism. This course consists of the reading and interpretation of the text of Lucretius with a study of his philosophy and its sources; also the dialogues of Seneca with a study of Stoicism in Rome. One year, three hours a week, six credits.

5. The Silver Age.—Examination of the language, character of thought, social and political conditions. Private life of the Romans. (a) Annals of Tacitus; (b) Juvenal. One year, three hours a week, six credits.

6. **Grammar and Composition.**—A course in advanced composition and a study of prose style and of grammatical rules and principles. One year, two hours a week, four credits.

7. **Teachers' Course.**—This course is designed to prepare students to teach the Latin of secondary schools. Its aim is to make the grammar of the language thoroughly familiar; to secure by practice the ability to give idiomatic translations of Latin authors; to familiarize the students with the political and social conditions of the Roman Empire. Aside from its pedagogic purpose this course aims to widen the student's point of view by an insight into a civilization which has exerted such a profound influence on our modern literature, language and institutions, and so give him a grasp of the continuity of history and the evolution of the race. Students in this course will be required to teach classes in Baldwin School occasionally under the instructor's supervision. (a) A systematic review of grammar and prose composition supplemented by lectures on Latin style. Selections of Books I to V of Gallie War are translated. (b) Three orations of Cicero and two books of Vergil's Aeneid form the basis of translation work. Lectures and papers on Roman political and social institutions supplement class work. The quantitative method of reading Latin verse will form an important part of the work in Vergil. One year, three hours a week, six credits.

Prerequisite for courses 3 to 7, courses 1 and 2 or course 1 completed with a grade of 90.

MATHEMATICS AND ASTRONOMY.

1. **Higher Algebra.**—Graphic representation of a function, ratio and proportion, variation, theory of quadratics, progressions, series, etc. First semester, four hours a week, four credits.

2. Trigonometry and Analytic Geometry.—An attempt is made to give the student a clear understanding of trigonometric functions, developed 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, three hours a week, three 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, three hours a week, three 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.—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, three hours a week, six credits, not offered 1913-1914.

9. Mechanical Drawing.—A course designed for those taking shop work or preparing for technical schools. One year, four hours a week, four credits.

THE MENTAL SCIENCES AND PHILOSOPHY.

1. Logic and Scientific Method.—A course in logic, deductive and inductive. Special attention is given to logical definition and division, the syllogism, detection of fallacies and the analysis of fallacious reasoning, the use of hypothesis, analogy and probability, the methods of scientific experiment and verification. Abundant exercises are supplied to fix principles and develop ability in the use of them. Required in all courses. Open to students having 32 credits. First thirteen weeks of the school year, four hours a week, three credits.

2. 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. One credit.

(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-book, collateral readings, lectures, observations by the student, and experiment. During the present year an honor course, covering the same general ground but requiring a more intensive study, is offered as an incentive to scholarship. Four credits.

Required in all courses. Open to students who have completed course 1. The last twenty-three weeks of the school year, four hours a week, five credits.

2A. Advanced Psychology.—A course designed to study more exhaustively certain problems suggested in course 2, in the domain of comparative and educational psychology. The psychology of animals, of races and of society are taken up; then the mental life of child-

hood and adolescence; and, finally, the bearing of the science upon education, business and professional life are studied. Prerequisite, course 2. Students, not having course 2, may be admitted after conference with the instructor, in which they demonstrate ability to handle the subject. One year, three hours a week, six credits.

3. **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. A required study in all courses. Open to students who have completed, or are taking, course 2 and who have 104 credits. Second semester, three hours a week, three credits.

4. **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. Open to seniors and juniors; also to sophomores who have a standing of 90 or more. First semester, three hours a week, three credits. Not offered 1912-1913.

4A. **History of Philosophy, Modern.**—Continuing the preceding: from Bruno to the present time. The course requires extensive collateral readings. Elective,

on the same terms as the preceding course. Second semester, three hours a week, three credits. Not offered 1912-1913.

5. Introduction to Philosophy.—A course aiming to exhibit the great problems of philosophy in a systematic way, and, further, to formulate some positive views in respect to the answers to these problems. Open on the same terms as course 4. First semester, three hours a week, three credits.

5A. Modern Philosophy.—The course given under this heading will deal usually with either metaphysics or the theory of knowledge, taking the work of some prominent modern philosopher as a basis. The particular work will be decided after conference with the class. Some work or works of Lotze, James or Bergson are suggested for next year. Open on the same terms as course 4. Second semester, three hours a week, three credits.

PHYSICS.

The Physical Laboratories occupy practically the entire first floor of the Carnegie Science Hall. There are two large laboratories, one for general physics and the other for electricity. Each of these has a smaller laboratory adjoining for special research work. In connection with this department there is in the basement a shop equipped with special tools for the production of apparatus for research work. The laboratories and equipment are completely modern and contain a number of special features facilitating and strengthening the work in these courses.

A lecture room, a recitation room, an office, a dark room and general storage rooms, together with a photometry room and a battery room which are located in the basement, complete the provision made for physics and afford a splendid opportunity for those students who desire to specialize along these lines.

The following courses are offered:

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 thorough 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 thorough 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 thorough study of electricity and light. Forty experiments are performed, thirty-five of which are in elec-

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

Courses (2) and (3) together constitute what is termed the long course in physics and are designed especially to meet the needs of students taking a scientific course. These two courses, together with shop work 2, afford excellent preparation for teaching physics in secondary schools.

SHOP WORK.

The basement of Carnegie Science Hall is devoted to shops. These shops are well lighted and ventilated, having full length windows and a high ceiling. The woodshop occupies the large room in the north wing and has adjoining it a finishing room for staining, filling and varnishing. The south wing contains a laboratory shop connected with the physics department and a metal shop which has adjoining it a forge and grinding room which is also equipped with a crucible furnace and moulding sand for making small castings. Believing that a modern education should lead to some appreciation of the world of mechanics as well as the world of literature, art and science, the following courses are offered to all college students:

1. **General Shop Course.**—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. Laboratory Shop Course.—This course is specially designed for students who are preparing to teach science. It includes a study of the design and construction of various forms of apparatus adapted to demonstrations and laboratory work in high schools and academies; the construction of a number of pieces of apparatus and the determination of their errors; demonstration with the above pieces before the science classes in Baldwin School; visits to high school and college laboratories of the Twin Cities. Prerequisite, course 1 or its equivalent. One year, four hours a week, four credits.

3. 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 pupil's interest and stimulate creative thought; the conducting of a number of exercises in the manual training department of Baldwin School; 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. Not offered 1912-1913.

SOCIAL AND POLITICAL SCIENCE.

1. **Sociology.**—Under this head are included the history, various theories and principles of sociology. Important aims are, to show the extent of the field, to arouse an interest in the study and to help to correct methods of sociological investigation. A standard text-book is used, but the systems of sociology as presented in Spencer, Ward and others are presented and discussed. First semester, four hours a week, four credits.

2. **Sociology.**—The time will be devoted to a more detailed study of the history of Sociology, the theories of Giddings, and to original inductive studies. Prerequisite, course 1. First semester, three hours a week, three credits.

3. **Political Economy.**—A general survey is taken of the history, theories and generally accepted principles of Political Economy. A standard text-book such as Gide is used, supplemented by collateral studies in Adam Smith, Mill, Ricardo, Walker, articles in cyclopedias, etc. Second semester, four hours a week, four credits.

4. **Political Economy.**—In the elective course substantially the same ground is covered, but more attention is given to the historical development of the science and to the application of sound principles to current economic questions. Prerequisite, course 3. Second semester, three hours a week, three credits.

5. **History of Civil Government.**—The State, by Professor Wilson, is used as a text-book, with collateral study of constitutions. The aim is to trace clearly the great and distinctive features in the government of the leading European nations. Prerequisite, course 3. First semester, three hours a week, three credits.

6. **International Law.**—A brief course in the out-

lines of this important subject offered to meet the interest arising from our wider international relations. Prerequisite, course 3. Second semester, three hours a week, three credits.

7. Roman Law.—Morey's Outlines of Roman Law is used. The object is to make the student acquainted with (1) the origin and development of Roman law; (2) its relation to modern systems of jurisprudence. Prerequisite, course 3. First semester, three hours a week, three credits.

8. 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. The work by Professor D. R. Dewey is used as a text-book. Prerequisite, course 3. Second semester, three hours a week, three credits.

9. Elements of Jurisprudence.—Holland's "Jurisprudence" is used as a text-book. The general subjects considered are Laws and Rights, Private Law and Public Law, the object being to acquaint the student with the principles of fundamental law in their historical development and practical application in every phase of social life. Second semester, three hours a week, three credits.

FREE HAND DRAWING.

A course including out-door sketching, flower design in India ink, study of perspective, charcoal drawing from cast, sketching from life, leather work as a craft. One year, four hours a week, four credits.

By permission of the Faculty this course in free hand drawing is offered by Miss Mabel Jackson, a student of the Chicago Art Institute and of the St. Paul Art Institute.

PHYSICAL TRAINING FOR WOMEN.

Theory—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.

Practice.—Gymnastics:

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, two credits upon the completion of Biology 3.

DOMESTIC SCIENCE.

The St. Paul Y. W. C. A. offers a course of thirty-three lessons on dietetics and practical cooking, to be distributed weekly throughout the college year, at a cost of twenty dollars. The registration of ten students is necessary to insure a class. Any student who elects this course is allowed two credits in college work.

MACALESTER COLLEGE, SCHEDULE OF CLASS HOURS, FIRST SEMESTER, 1912-1913.

	8:00 to 9:00	9:00 to 10:00	10:20 to 11:20	11:20 to 12:20	1:20 to 2:20	2:20 to 4:20
Monday	Bible 12 French 1 German 1 Greek 1 Soc. & Pol. Sci. 1	Bible 2A German 3 Latin 7 Philosophy 1	Education 3 English 4 French 3 German 2 Greek 2A Latin 2 Mathematics 3 Shop 1	Biology 3 English 8 Expression 1A Expression 1B French 2 German 4 History 1 Philosophy 2A Soc. & Pol. Sci. 5	Bible 1A Expression 3 History 7 Mathematics 8 Physics 1*	English 1B Home Making 3 Latin 3 Physics 2* Physics 3*
Tuesday	Bible 3 Bible 5 Chemistry 5 French 1 German 1 Greek 1	Chemistry 1B English 1A Expression 2 German 9 Mathematics 1 Philosophy 1 Physics 2	Bible 4 Chemistry 1A English 2 History 3 Latin 1 Mathematics 3 Philosophy 6 Shop 3	Biology 3 English 8 Expression 1B History 1 Philosophy 2A Physics 1	English 5 Greek 1A Home Making 1 Mathematics 8 Shop 3	Biology 2* Education 1 English 7 German 3 Latin 3 Latin 7 Shop 1* Shop 3*
Wednes.	Bible 12 French 1 German 1 Greek 1 Soc. & Pol. Sci. 1	Bible 2B Mathematics 1 Philosophy 1	English 2 German 2 Geology Greek 2A Greek 9 Latin 1 Soc. & Pol. Sci. 5	Biology 2 Chemistry 3 Education 3 English 4 Expression 1A Latin 2 Physics 3	Bible 1B English 5 Greek 1A History 7 Home Making 3 Physics 1 Shop 1*	Education 1 English 1B German 3
Thursday	Bible 5 Bible 12 German 3 Soc. & Pol. Sci. 1	Bible 3 Chemistry 5 Education 3 English 1A French 3 German 2 Greek 9 Mathematics 1 Physics 3	Chemistry 1A Geology Greek 2A History 3 Latin 1 Mathematics 3 Philosophy 6	Biology 2 Chemistry 1B English 8 Expression 1B French 2 German 4 History 1 Philosophy 2A	Bible 1A English 5 Greek 1A History 7 Home Making 1 Latin 2 Mathematics 8	Education 1 English 7
Friday	French 1 German 1 Greek 1 Soc. & Pol. Sci. 1	English 1A Expression 2 German 9 Mathematics 1 Philosophy 1 Physics 2	Bible 4 English 2 Geology Greek 2A History 3 Latin 1 Philosophy 6	Biology 3 Expression 1A French 2 German 4 History 1 Soc. & Pol. Sci. 5	Bible 1B Expression 3 Greek 1A Latin 3 Physics 1*	Biology 2* English 1B English 4 French 3 Latin 7 Physics 2* Physics 3*

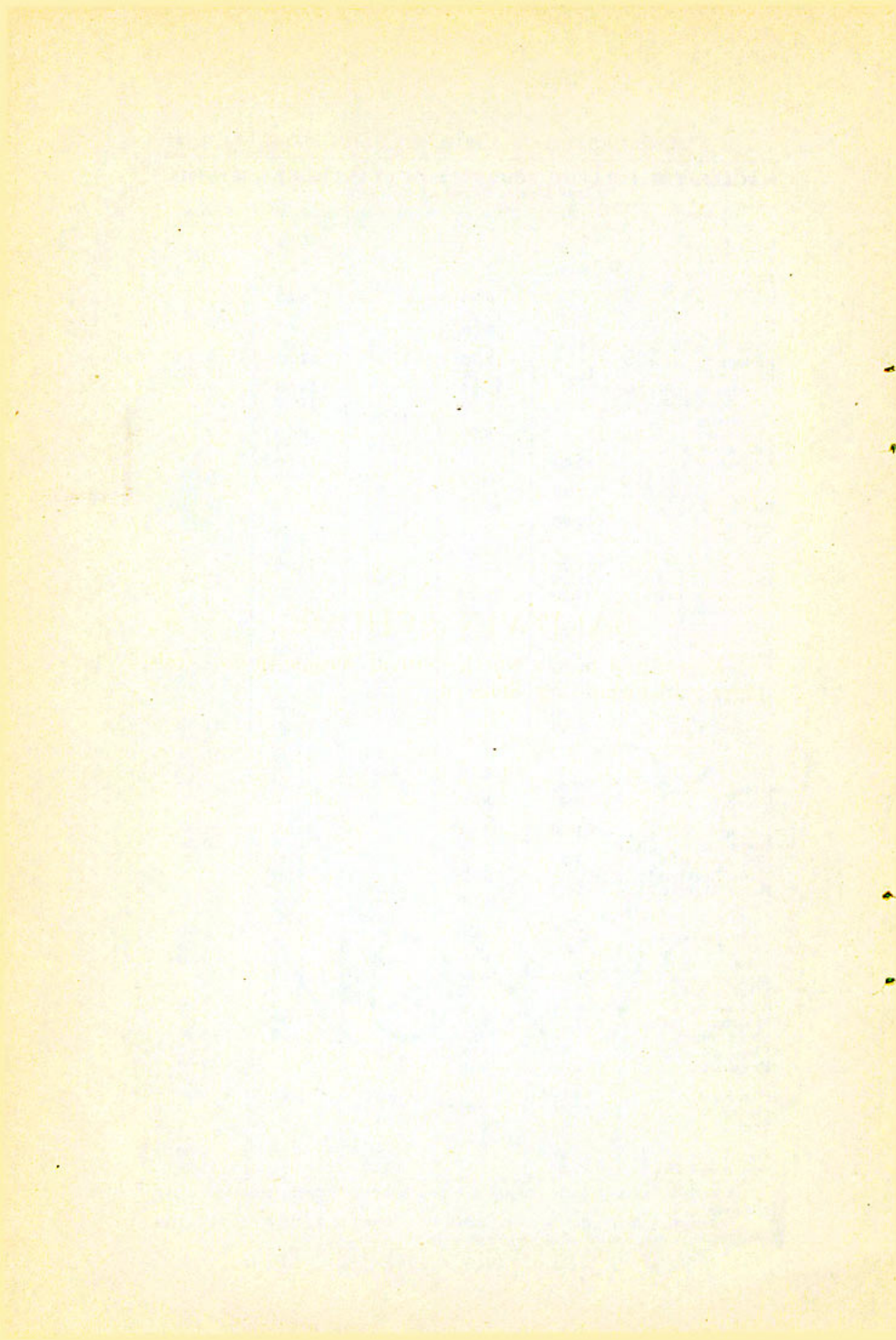
Hours marked with asterisk are double for laboratory.
Subjects scheduled from 2:20 to 4:20 are single hour classes unless starred.

MACALESTER COLLEGE, SCHEDULE OF CLASS HOURS, 1912-1913.
 Class Hours Begin as Follows:

Subject	Monday	Tuesday	Wednesday	Thursday	Friday
Bible 1, Sec. A	1:20			1:20	
Bible 1, Sec. B			1:20		1:20
Bible 2, Sec. A	9:00				
Bible 2, Sec. B			9:00		
Bible 3		8:00		9:00	
Bible 4		10:20			10:20
Bible 5		8:00		8:00	
Bible 12	8:00			8:00	
Biology 2		2:20*	11:20	11:20	2:20*
Biology 3	11:20	11:20			11:20
Chemistry 1, Sec. A		10:20		10:20	
Chemistry 2, Sec. B		9:00		11:20	
Chemistry 3			11:20		
Chemistry 5		8:00		9:00	
Education 1		2:20	2:20	2:20	
Education 3	10:20		11:20	9:00	
English 1, Sec. A		9:00		9:00	9:00
English 1, Sec. B	2:20		2:20		2:20
English 2		10:20	10:20		10:20
English 4	10:20		11:20		2:20
English 5		1:20	1:20	1:20	
English 7		2:20		2:20	
English 8	11:20	11:20		11:20	
Expression 1 A	11:20		11:20		11:20
Expression 1 B	11:20	11:20		11:20	
Expression 2		9:00			9:00
Expression 3	1:20				1:20
French 1	8:00	8:00	8:00		8:00
French 2	11:20			11:20	11:20
French 3	10:20			9:00	2:20
German 1	8:00	8:00	8:00		8:00
German 2	10:20		10:20	9:00	
German 3	9:00	2:20	2:20	8:00	
German 4	11:20			11:20	11:20
German 9		9:00			9:00
Geology			10:20	10:20	10:20
Greek 1A		1:20	1:20	1:20	1:20
Greek 2A	10:20		10:20	10:20	10:20
Greek 1	8:00	8:00	8:00		8:00
Greek 9			10:20	9:00	
History 1	11:20	11:20		11:20	11:20
History 3		10:20		10:20	10:20
History 7	1:20		1:20	1:20	
Home Making 1		1:20		1:20	
Home Making 3	2:20		2:20		
Latin 1		10:20	10:20	10:20	10:20
Latin 2	10:20		11:20	1:20	
Latin 3	2:20	2:20			1:20
Latin 7	9:00	2:20			2:20
Mathematics 1		9:00	9:00	9:00	9:00
Mathematics 3	10:20	10:20		10:20	
Mathematics 8	1:20	1:20		1:20	
Philosophy 1	9:00	9:00	9:00		9:00
Philosophy 2A	11:20	11:20		11:20	
Philosophy 6		10:20		10:20	10:20
Physics 1	1:20*	11:20	1:20		1:20*
Physics 2	2:20*	9:00			{ 9:00 2:20*
Physics 3	2:20*		11:20	9:00	2:20*
Shop 1	10:20	2:20*	1:20*		
Shop 3		{ 10:20 & 1:20, 2:20*			
Soc. & Pol. Sci. 1	8:00		8:00	8:00	8:00
Soc. & Pol. Sci. 5	11:20		10:20		11:20

* Periods marked with asterisk are two hours in length; otherwise sixty minutes.

Laboratory hours in Chemistry must be selected in addition, so as not to conflict with remainder of student's schedule.



BALDWIN SCHOOL.

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

Faculty.

JOHN PORTER HALL, A. B., Principal.
Greek and History.

JAMES WALLACE, Ph. D.
Bible.

DAVID NEWTON KINGERY, A. M.
Mathematics.

RICHARD URIAH JONES, A. B.
Chemistry.

HUGH STUART ALEXANDER, A. M.
Physics and Manual Training.

GRACE BEE WHITRIDGE.
English.

FARQUHAR DAVID McRAE, Ph. D.
History.

GERTRUDE CRIST.
Commercial Studies.

FRANKLIN WATERS PLUMMER, A. B.
Biology and Physical Geography.

MAY GIBSON, A. M.
Latin.

HAROLD OMER BURGESS, A. B.
Latin.

FRANK DICKEY SCOTT, A. B.
English.

CHARLES BREMICKER, A. B.
German.

ELIZA MARGARET LOW, A. M.
Mathematics.

General Information.

Historical Sketch.

Baldwin School was founded in 1853. In 1864 Baldwin University was chartered and in connection with this university it was provided to establish an academic department to be known as Baldwin Grammar School. When Macalester College was incorporated in 1874 the amended charter provided "That the preparatory department of said Macalester College shall be known as the Baldwin School." The prospectus of Macalester College published in 1885 merely mentions a preparatory course. In the catalogue for 1885-6 reference is made to a preparatory course but none to Baldwin School as such. In the catalogue of 1890 the preparatory school is referred to as Baldwin School and reference is made to the provision of the charter. In the minutes of the Board of Trustees in 1890 it is ordered that hereafter the academy shall be designated as Baldwin School. The catalogue for 1891-2 says Preparatory Department and under it Baldwin School. This holds true for the next three years. The catalogue for 1894-5 for the first time speaks of the preparatory department as Macalester Classical Academy, but in a footnote gives the legal name, Baldwin School. Beginning with 1895 the catalogues uniformly describe the academy as Macalester Classical Academy. Such being the facts in the case, historical accuracy and charter provisions require a return to the name Baldwin School.

Admission and Courses.

The purpose of Baldwin School is to give four years of thorough preparation for the standard college courses and to provide a good general education for those who cannot continue their studies further. The educational standards and requirements of Baldwin School have secured for it the right to be accredited to the North Central Association of Colleges and Secondary Schools.

Two courses are offered, Classical and Scientific.

The languages of the Classical Course are Latin, and Greek or German. The Scientific substitutes science for the Latin of the junior and senior years.

Other requirements of both courses are stated in the synopsis of courses of study.

Requirements for Entrance.—Applicants for admission to the freshman class are examined in orthography, elementary English and arithmetic (through proportion), descriptive geography, and United States history. Applicants for admission to higher classes will, in addition to the above, be examined in the studies of the classes below that for which they apply. Credits from approved schools are accepted in lieu of examinations in so far as they represent equivalents, in time and in work, of studies prescribed in the courses of Baldwin School.

Edwards' Prize.

Mr. W. R. Edwards and Mr. B. K. Edwards of St. Paul present, in memory of their father Mr. W. C. Edwards, a gold medal to that member of the senior class who is graduated with the highest standing. This prize was awarded last year to Blanche Hazel Macdonell.

Synopsis of Courses of Study.

Freshman Year.		Sophomore Year.			
	1st Sem.	2nd Sem.			
Bible	(2)	(2)	Bible		
English	(5)	(3)	English		
Latin	(5)	(5)	Latin		
Mathematics	(5)	(5)	History		
Phys. Geography	} elect one (5)	(5)	Mathematics		
Bookkeeping					
Shorthand and					
Typewriting					
History					
Arithmetic					
Junior Year.		Classical		Scientific	
		1st Sem.	2d Sem.	1st Sem.	2d Sem.
Bible		(2)	(2)	(2)	(2)
English		(4)	(4)	(4)	(4)
Latin		(5)	(5)	..	..
Greek	} elect one	(5)	(5)	(5)	(5)
German				(4)	(4)
Mathematics		..	..	(4)	(4)
Mathematics	} elect one	(4)	(4)	..	..
Chemistry					
Biology					
Manual Training				..	..
Chemistry	} elect one	..	..	(4)	(4)
Biology					
Manual Training					
Senior Year.		Classical		Scientific	
		1st Sem.	2d Sem.	1st Sem.	2d Sem.
Bible		(2)	(2)	(2)	(2)
English		(4)	(4)	(4)	(4)
Latin		(4)	(4)	..	..
Greek	} elect one	(5)	(5)	(5)	(5)
German					
Physics	} elect two	..	..	(4)	(4)
Chemistry					
Biology					
Manual Training				(4)	(4)
Physics	} elect one (4)	(4)	(4)	..	..
Chemistry					
Biology					
Manual Training					
History and Civics					
Com'l Law and Economics					

Classical course must include one year of science.
 Figures refer to number of hours per week.

Particular Description.

BIBLE.

The Bible is required of all students in Baldwin School. Being the book of the ages, a knowledge of it is deemed an essential part of a good education and vital to the right development of character. Throughout the course a careful study of the text of the Bible itself, correct methods of analyzing and classifying the material are insisted upon. The students are helped to exercise the historical imagination with a view to revivifying as much as possible the life and scenes of Bible times. Careful attention is given to the geography of the Bible and of Bible lands. In this the classes have the help of the large relief map published by the Palestine Exploration Society of England, also of other up-to-date maps and charts.

Biography.—The time is devoted to Old Testament biography beginning with Abraham, the founder of the Hebrew race, and including the patriarchs, Moses, Aaron and Joshua. Some passages and verses of special excellence are memorized. Freshman, second semester, two hours a week.

Biography.—The study of Old Testament biography is continued and includes some of the judges, Samuel, Saul, David and Solomon. Sophomore, first semester, two hours a week.

History.—The first semester is devoted to a careful study of the reigns of Saul, David and Solomon and of the divided kingdom down to the reign of Hezekiah. Much attention is given Old Testament geography. The second semester is given to a study

of one of the Gospels and to the Principles of Jesus (by Speer). Junior, two hours a week.

History.—The first semester is given to the history of Judah and Israel from the time of Hezekiah to the fall of Jerusalem. Considerable attention is given to the contemporary history of Syria, Assyria and Babylon, and the work, influence and teachings of the great prophets receive consideration. The second semester is devoted to the Gospel history and the elements of New Testament history. Senior, two hours a week.

ENGLISH.

Composition.—The first year is devoted to a study of the elementary principles of composition and to practice in writing. Especial emphasis is placed upon grammatical reviews, punctuation, capitalization, correct usage, sentence and paragraph structure and the elementary principles of narrative and descriptive discourse. Selections for reading and study are taken from the English entrance requirements. The text is Sykes' Elementary Composition. Freshman, first semester, five hours a week; second semester, three hours a week.

Rhetoric.—The text for the second year is Herrick and Damon's New Composition and Rhetoric. The first semester takes up a careful study of vocabularies, good usage, number and choice of words. The second semester studies the application of rhetorical principles to sentences, paragraphs and whole compositions. Weekly practice in composition is held; also, frequent study of the English Entrance Requirements. Sophomore, first semester, three hours a week; second semester, five hours a week.

Analysis and Expression.—The third year's work is essentially a reading and expression course. Careful analysis is required of the masterpieces read in

class. Special emphasis is given to training in articulation, enunciation and public reading. The minor poems of Milton, two plays of Shakespeare and Scott's *Lady of the Lake* form the basis of study. Junior, four hours a week.

Literature.—The fourth year is devoted to a study of the history of English literature and the reading of short selections from the various authors. Careful attention is given to the historical relations of the different periods in their effect on literature, also the life history of the great English writers, and a brief study of their style. Research and topical reports are frequent, especially in the first semester. The text is Painter's *History of English Literature*, which is supplemented by brief selected readings from the collection, *Twelve Centuries of English Poetry and Prose*. Senior, four hours a week.

LATIN.

Latin is a required study throughout the classical course and for the first two years of the scientific. During the time devoted to this study the student is expected to acquire a large vocabulary, a wide knowledge of the rules of syntax, and the ability to convert English into the Latin idiom. These things furnish an indispensable basis for the work pursued in the college classes. Special attention is given to the forms and structure of the language, which are studied by severe methods of both analysis and synthesis. The grammar is thoroughly studied and the memory is helped by a rational explanation of forms.

Lessons.—The first year is spent in the study of the declensions and conjugations, syntax and vocabulary, in making translations daily to and from the Latin and in conversation. Freshman, five hours a week.

Caesar and Composition.—The second year is devoted to careful and thorough study of Caesar and composition. Four books are read. Sophomore, five hours a week.

Cicero and Composition.—The junior year is devoted to Cicero, composition and a more thorough study of the grammar. Six orations are read. Junior, five hours a week.

Virgil.—The senior year is devoted to Virgil. The Aeneid is studied both textually and as literature. Six books are read. Prosody receives careful attention. Senior, four hours a week.

GREEK.

Greek is a required study alternative to German in the classical course.

Lessons.—The aim of this course is to master the elements of the language, six hundred to eight hundred carefully selected Greek words and two or more chapters of the Anabasis. Junior, five hours a week.

Anabasis.—This year is devoted to a thorough reading and syntactical study of four books of Xenophon's Anabasis accompanied by prose exercises and sight reading in the fifth and sixth books. Special effort is made to master a large vocabulary. Senior, five hours a week.

GERMAN.

German is a required study alternative to Greek in the classical course.

First Year.—Joynes-Meissner's Grammar, Anderson's Bilderbuch ohne Bilder, Composition. Junior, five hours a week.

Second Year.—Review of grammar, reading of Daheim, memorizing some of its poems and of Schiller's

Lied von der Glocke, Mosher's Willkommen in Deutschland, Harris' Composition, and conversation. Senior, five hours a week.

MATHEMATICS.

Elementary Algebra.—Fundamental operations of algebra, including fractions, factoring and simple equations. Freshman, five hours a week.

Advanced Algebra.—A review of first year's work and study of progressions, ratio and proportion, quadratics, graphs, etc. Junior, first semester, four hours a week.

Plane Geometry.—Demonstration of propositions and drill in original exercises. Sophomore, five hours a week.

Solid Geometry.—Junior, second semester, four hours a week.

Arithmetic.—See Commercial studies.

SCIENCE.

Physiology.—Text-book and discussions of physiology, hygiene and sanitation, supplemented by as much laboratory work as the limited time will permit. Junior or senior, first semester, four hours a week.

Botany.—A short course, including text-book, laboratory, and field work. Junior or senior, second semester, four hours a week.

Zoology.—Text-book and laboratory work on type forms. Junior or senior, one year, four hours a week. Not offered, 1912-1913.

Chemistry.—A general course in inorganic chemistry including text-book, lectures and laboratory. Junior or senior, six hours a week, four hours credit.

Physics.—This subject includes a thorough elementary study of mechanics, heat, sound, light and

electricity. The ground covered is fairly represented by such texts as Carhart and Chute or Hoadley. Junior or senior, one year, six hours a week, four hours credit.

Physical Geography.—A course of text-book work with a few short expeditions as an aid. Freshman, first semester, five hours a week.

HISTORY AND CIVICS.

The aim of this department is the acquisition by the student of such historical and political knowledge as will be a necessary element in general culture and a solid foundation for further studies in history and government. The method of teaching employed is that of the text-book with assigned topics for investigation.

English History.—From the first invasion of Britain by Julius Caesar to the present time. Freshman, second semester, five hours a week.

Roman History.—From the founding of Rome to the age of Charlemagne. Sophomore, first semester, five hours a week.

Greek History.—This course begins with the earliest times and includes, first, a rapid survey of the ancient oriental civilizations and, second, a more detailed study of Greece and Hellas to the Roman conquest. Sophomore, second semester, five hours a week.

Medieval and Modern History.—Senior, second semester, four hours a week.

Civics.—An elementary study of the different branches of government, local, state and national in this country. Senior, first semester, four hours a week.

MANUAL TRAINING.

The work of this course includes the practical use and care of ordinary hand-tools for wood-working, gluing, staining and varnishing, glass cutting, bending and filing of metals, drilling and soldering. Junior or senior, seven hours a week, four hours credit.

COMMERCIAL STUDIES.

Shorthand.—The system taught is Graham's Standard Phonography. The course covers the entire year; the first six months being devoted to the study of the principles of the system and the remaining time to dictation work. One year, five hours a week.

Typewriting.—The object of the instruction in typewriting is to give the students a correct method of fingering, a uniform touch and to train them in all the details of form and arrangement of transcript. The work includes business letters, the preparation of tabulated statements and the writing of different legal forms. A student pursuing the course in shorthand is required to take typewriting. No credit is given for this course alone. One year, five hours a week.

Bookkeeping.—There is but one set, double entry, to be written up by the student. This begins with the simplest transactions and extends through corporation bookkeeping. The student is made thoroughly familiar with the usual business forms such as checks, invoices, promissory notes, certified checks, endorsements, bills, certificates of deposit, bills of lading, etc. One year, five hours a week.

Commercial Arithmetic.—This course includes a short review of elementary principles and a thorough study of problems in business methods. One semester, five hours a week.

MUSIC.

Credit in music is given students in classical course when work to the amount of one unit is completed.

BALDWIN SCHOOL, SCHEDULE OF CLASS HOURS, FIRST SEMESTER, 1912-1913.

	8:00 to 9:00	9:00 to 10:00	10:20 to 11:20	11:20 to 12:20	1:20 to 2:20	2:20 to 4:20
Monday	Latin 4. Latin 2. Phys. geog. 1. Shorthand 1.	Latin 3. Biology 3 & 4. History 2. Mathematics 1. Bookkeeping 1.	Greek 4. German 4. English 3. Bible 2. Latin 1, sec. I.	Physics 4. Bible 3. Mathematics 2. English 1.	English 4. Greek 3. German 3. Latin 1, sec. II.	
Tuesday	Latin 4. Mathematics 3. Latin 2. Phys. geog. 1. Shorthand 1.	Chemistry 3 & 4. Manl. train. 3 & 4. Latin 3. History 2. Mathematics 1. Bookkeeping 1.	Greek 4. German 4. English 3. English 2. Latin 1, sec. I.	Bible 4. Mathematics 2. English 1.	English 4. Greek 3. German 3. Latin 1, sec. II.	
Wednes.	Physics 4. * Mathematics 3. Latin 2. Phys. geog. 1. Shorthand 1.	Biology 3 & 4. Latin 3. History 2. Mathematics 1. Bookkeeping 1.	Greek 4. German 4. English 2. Latin 1, sec. I.	Bible 4. Mathematics 2. English 1.	English 4. Greek 3. German 3. Latin 1, sec. II.	Manl. train. 3 & 4*
Thursday	Latin 4. Mathematics 3. Latin 2. Phys. geog. 1. Shorthand 1.	Biology 3 & 4. Latin 3. History 2. Mathematics 1. Bookkeeping 1.	Greek 4. German 4. English 3. Bible 2. Latin 1, sec. I.	Physics 4. Chemistry 3 & 4. Mathematics 2. English 1.	Greek 3. German 3. Latin 1, sec. II.	Manl. train. 3 & 4*
Friday	Latin 4. Mathematics 3. Latin 2. Phys. geog. 1. Shorthand 1.	Biology 3 & 4. Manl. train. 3 & 4. Latin 3. History 2. Mathematics 1. Bookkeeping 1.	Greek 4. German 4. English 3. English 2. Latin 1, sec. I.	Physics 4. Bible 3. Mathematics 2. English 1.	English 4. Greek 3. German 3. Latin 1, sec. II.	

Hours marked with asterisk are double for laboratory.

**BALDWIN SCHOOL, SCHEDULE OF CLASS HOURS,
FIRST SEMESTER, 1912-1913.**

Subject	Monday	Tuesday	Wednesday	Thursday	Friday
Bible 2.....	10:20			10:20	
Bible 3.....	11:20				11:20
Bible 4.....		11:20	11:20		
Book-keeping.....	9:00	9:00	9:00	9:00	9:00
Biology 3 & 4.....	9:00		9:00	9:00	9:00
Chemistry 3 & 4...		9:00		11:20	
English 1.....	11:20	11:20	11:20	11:20	11:20
English 2.....		10:20	10:20		10:20
English 3.....	10:20	10:20		10:20	10:20
English 4.....	1:20	1:20	1:20		1:20
German 3.....	1:20	1:20	1:20	1:20	1:20
German 4.....	10:20	10:20	10:20	10:20	10:20
Greek 3.....	1:20	1:20	1:20	1:20	1:20
Greek 4.....	10:20	10:20	10:20	10:20	10:20
History 2.....	9:00	9:00	9:00	9:00	9:00
Latin 1, Sec. I....	10:20	10:20	10:20	10:20	10:20
Latin 1, Sec. II....	1:20	1:20	1:20	1:20	1:20
Latin 2.....	8:00	8:00	8:00	8:00	8:00
Latin 3.....	9:00	9:00	9:00	9:00	9:00
Latin 4.....	8:00	8:00		8:00	8:00
Mathematics 1....	9:00	9:00	9:00	9:00	9:00
Mathematics 2....	11:20	11:20	11:20	11:20	11:20
Mathematics 3....		8:00	8:00	8:00	8:00
Man. Train. 3 & 4.		9:00	2:20*	2:20*	9:00
Phys. Geog. 1.....	8:00	8:00	8:00	8:00	8:00
Physics 4.....	11:20		8:00*	11:20	11:20
Shorthand.....	8:00	8:00	8:00	8:00	8:00

Hours marked with asterisk are double for laboratory.

Laboratory hours in chemistry must be arranged so as not to conflict with remainder of schedule.

SCHOOL OF MUSIC.

Faculty.

HARRY PHILLIPS,

Director. Instructor in Voice Culture.

Certificate from Royal Conservatory of Music, Stuttgart, Germany, 1885-1889. Organist and Soloist in various churches in St. Paul and Minneapolis, 1889-1906. Baritone in Westminster Presbyterian Church, Minneapolis, 1906—. Director and Instructor in Voice Culture, Macalester College, 1895—.

Residence, Minneapolis, 3117 Humboldt Ave. S.
N. W. South 1426.

GEORGE HERBERT FAIRCLOUGH,

Instructor in Piano, Organ, Theory.

Certificate from Royal High School of Music, Berlin, Germany, 1893-1896, under Professors Barth, von Peterson, Ernest, Schelling, Piano; Bargiel and Succo, Theory; Clemens, Organ. Director of Music, Presbyterian Ladies' College, Brantford, Ont., 1891-1893. Organist and Choir Master, St. John's Episcopal Church, and also of Mount Zion Hebrew Temple, St. Paul, 1900—.

Residence, 546 Ashland Ave. N. W. Cedar 5253.

BESSIE A. GODKIN,

Instructor in Piano.

Pupil of C. G. Titcomb seven years. Special work, New York City, two years.

Residence, 1048 Van Slyke. N. W. Dale 2661.

EMILY GRACE KAY,

Instructor in Harmony, Appreciation of Music, Sight-Singing, History, Theory and Public School Music.

Pupil of Ferruccio Busoni. Certificate from the New England Conservatory of Music, Boston, Mass. Theory and History of Music, Louis C. Elson; Harmony, George W. Chadwick and Sarah E. Newman; Solfeggio, Samuel W. Cole. Supervisor of Public School Music with private teaching in Piano, Niles, Michigan, three years. Director of Music, Webb City College, Webb City, Missouri, two years. Director of Music, Greenville College, Greenville, Illinois, six years. Private Teaching in St. Paul since October, 1907.

Residence, 897 Goodrich Ave. N. W. Dale 350.

MILDRED PHILLIPS KINDY, A. B.,

Instructor in Piano.

Pupil of Harry Phillips, C. G. Titcomb, G. H. Fairclough. Graduate of Macalester College School of Music, 1906. A. B. Macalester College, 1910.

Residence, The Ashland. N. W. Dale 9815.

GEORGE A. THORNTON,

Instructor in Violin.

Seven years of Piano, Organ, Harmony and Counterpoint, under F. W. Sykes Mus. Bach. A professional pupil for Violin. Five years at the Leeds College of Music under Edgar Haddock. Organist of Wexford Episcopal Church, Conductor Wexford Orchestral Society. Instructor in Piano and Harmony, Ladies' College, 1900-1906. Mr. Thornton was trained entirely in England. He is now Organist and Director at St. Clements Episcopal Church, St. Paul. A member of the St. Paul Symphony Orchestra.

Residence, 1777 Lincoln Ave. N. W. Midway 766L.

CYRUS BORGSTROM,

Leader of College Orchestra.

Course of Study.

There is a preparatory, a junior and a senior year, bounded at the beginning by strict entrance requirements and at the end by a degree of Bachelor of Music. The required studies of the preparatory year include, besides the major subject, as piano, voice, organ or violin, two hours weekly of harmony, one of history of music, one of sight-reading, one of recital, one of chorus, five hours study of English, German, or any subject for which the student is prepared,—studies all receiving due credits in the College or Baldwin School. Compulsory requirements are a new feature of this preparatory year.

The junior year continues the studies begun as preparatory, working into the more advanced harmony, history, recital and chorus, and substituting for sight-reading, ensemble playing and a year of vocal for piano students, hymn playing in college chapel for organ students, chamber music and orchestral playing for violin students, and an additional year of piano for vocal students. Students satisfactorily completing this year of work will be given a teacher's certificate if desired.

The senior year requires of all students study of appreciation of music, history of the fine arts, and the writing of a graduation thesis,—of the piano students a second year of vocal and a half year of accompanying, besides advanced work in harmony and recital; of the vocal students, a third year of piano and a year of Italian, advanced work in harmony, recital and chorus; of the organ students, a third year of piano and a year of vocal, advanced work in harmony, recital and chorus; of the violin students, a third year of piano and a year of vocal, advanced harmony, recital and chorus. Upon completion of the senior year, a diploma from the School of Music is awarded.

The degree of Bachelor of Music, which is given by several of the best schools, Syracuse, Northwestern and others, represents at Macalester a student's successful conclusion of a difficult course sealed by the approving stamp of the music faculty. Candidates for this degree must, in addition to the requirements of the senior year, have finished high school work in full and a year of college work, consisting of languages, physics of music and desired electives.

There is, aside from this regular course, opportunity for outside pupils, not attending college, to receive any amount of desired instruction at the Music School.

The varied branches of musical art which each pupil must study, the broadening effect of the college studies, all supported by the credit system, make the course at Macalester College School of Music practically ideal and ideally practical.

CLASSIFICATION.

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

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.

Teachers' Certificate.—Teachers' certificates will be given to all pupils who have completed the junior year in full to the satisfaction of their individual teachers. **Entrance Requirements.**—Completion of the eighth grade and two units of English, besides five hours required each year in regular course.

Diploma from the School 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 School of Music. **Entrance Requirements.**

—Completion of eighth grade and eight units including two of English, aside from regular five hours required each year.

Diploma with the Degree of Bachelor of Music.—Students who wish to take this course in music must, in addition to the required five hours a year, have completed high school work in full, and must take the equivalent of one year in college work. This work in college is to be made up as follows: English, 1; Physics of Music; German, one year; French, one year; electives. Every music pupil must throughout the course take five hours of academic work.

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

Orchestra.—A College Orchestra, composed of students and under competent leadership, is open to all students at a nominal fee of one dollar a year.

Course in Music.

Preparatory Year.

PIANO.		Hrs. Cred.	VOCAL.		Hrs. Cred.
Piano 1st and 2d....	2	2	Vocal	2	2
Harmony	2	2	Harmony	2	2
General History....	1	1	General History....	1	1
Sight Reading.....	1	½	Sight Reading.....	1	½
Chorus	1	½	Chorus	1	½
Recital	1	½	Recital	1	½
English, German or any other subject for which they are prepared.			English, German. Elect German if less than two years.		
ORGAN.			VIOLIN.		
Organ	2	2	Violin	2	2
Harmony	2	2	Harmony	2	2
General History....	1	1	General History....	1	1
Sight Reading.....	1	½	Sight Reading.....	1	½
Chorus	1	½	Chorus	1	½
Piano	1	1	Piano	1	1
Recital	1	½	Recital	1	½
English, German or any subject for which prepared.			English, German or any subject for which prepared.		

Junior Year.

PIANO.			VOCAL.		
Piano	2	2	Vocal	2	2
Harmony 1st Sem...	2	2	Harmony 1st Sem...	2	2
Theory 2d Sem....			Theory 2d Sem....		
History of Music... 1	1	1	History of Music... 1	1	1
Recital	1	½	Recital	1	½
Chorus	1	½	Chorus	1	½
Vocal	1	1	Piano	1	1
Ensemble playing. 1	1	½	German, French or any subject for which prepared.		
German, French or any subject for which prepared.					

ORGAN.		VIOLIN.	
Organ	2	2	2
Theory	2	2	2
History of Music...	1	1	1
Recital	1	$\frac{1}{2}$	$\frac{1}{2}$
Piano	1	1	1
Chorus	1	$\frac{1}{2}$	$\frac{1}{2}$
Chapel Playing....	1	$\frac{1}{2}$	$\frac{1}{2}$
German, French or any subject for which prepared.			French.

Senior Year.

PIANO.		VOCAL.	
Piano	2	2	2
Vocal	1	1	1
Theory	2	2	2
Recital	1	$\frac{1}{2}$	$\frac{1}{2}$
Ensemble Playing..	1	$\frac{1}{2}$	$\frac{1}{2}$
Appreciation	1	$\frac{1}{2}$	$\frac{1}{2}$
History of Fine Arts	1	1	1
Chorus	1	$\frac{1}{2}$	$\frac{1}{2}$
Accompanying	1		
Graduating Thesis.			Graduating Thesis.
ORGAN.		VIOLIN.	
Organ	2	2	2
Piano	1	1	1
Vocal	1	1	1
Recital	1	$\frac{1}{2}$	$\frac{1}{2}$
Chorus	1	$\frac{1}{2}$	$\frac{1}{2}$
Appreciation	1	$\frac{1}{2}$	$\frac{1}{2}$
History of Fine Arts	1	1	1
Theory	2	2	2
Graduating Thesis.			Graduating Thesis.

In the College, eight credits will be allowed toward graduation. These credits are on the basis of one hour periods.

Terms for Instruction.

	Per Semester.
Vocal Lessons—Mr. Phillips:	
Two 20 minute lessons a week.....	\$68.00
Two 30 minute lessons a week.....	85.00
One 30 minute lesson a week.....	50.00
Piano or Pipe Organ—Mr. Fairclough:	
Two 30 minute lessons a week.....	50.00
One 45 minute lesson a week.....	39.00
Piano—Miss Kay:	
Two 30 minute lessons a week.....	45.00
One 45 minute lesson a week.....	34.00
Piano—Miss Godkin:	
One hour lesson a week.....	36.00
Two 30 minute lessons a week.....	36.00
One 45 minute lesson a week.....	28.00
Piano—Mrs. Kindy:	
One hour lesson a week.....	30.00
Two 30 minute lessons a week.....	30.00
One 45 minute lesson a week.....	24.00
Harmony class lessons:	
Two lessons a week.....	12.00
History of Music.....	3.00
Public School Music:	
Class of six	12.00
Class of four	15.00
Class of three	18.00
Class of two	27.00
Violin—Mr. Thornton:	
Two 30 minute lessons a week.....	36.00
One 30 minute lesson a week.....	20.00
Rent of Piano for practice:	
One hour a day.....	4.00
Two hours a day	8.00
Three hours a day.....	12.00
Four or more hours a day.....	14.00
Tuition, College	15.00
Tuition, Baldwin School.....	13.00

Payment strictly in advance and only in case of severe illness of more than two weeks duration can any deduction be made for missed lessons. In such cases the School shares the loss equally with the pupil.

Honorary Degrees

Conferred by Macalester College.

No honorary degrees were given by Macalester College before 1901.

- 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.....
.....Rio de Janeiro, Brazil.
- 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. Charley 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..
.....Teheran, 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, Nebr.
LL. D. to Rev. George Livingstone Robinson, Ph. D.,
D. D.Chicago, Ill.

Roll of Alumni.

Class of 1889.

George Washington Achard.....	Business, Minneapolis, Minn.
Joseph Wilson Cochran.....	Minister, Philadelphia, Pa.
Ulysses Grant Evans.....	Minister, Derby, Iowa.
James Chase Hambleton.....	Teacher, Columbus, Ohio.
Benjamin Wallace Irvin.....	Deceased.
Samuel M. Kirkwood.....	Surgeon, St. Paul, Minn.
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..Nat'l Sec. Y. M. C. A.,	Rio de Janeiro, Brazil.
Thaddeus T. Cresswell.....	Minister, Pomona, Cal.
John Knox Hall.....	Missionary, Denver, Colo.
William Henry Humphrey.....	Deceased.
William Paul Kirkwood.....	Magazine Writer, St. Paul, Minn.
Amos Avery Randall.....	Minister, Frankfort, Ind.
Judson L. Underwood.....	Missionary, Hutchinson, Kans.

Class of 1891.

Frank Brown.....	Willmette, Ill.
Walter F. Finch.....	Minister, Slayton, Minn.
Walfred Sunberg.....	Deceased.
William B. Turner.....	Business, Boston, Mass.
Thomas C. Williamson.....	Business, Greenwood, S. D.

Class of 1893.

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

Class of 1894.

Francis W. Beidler.....	Minister, Monte Vista, Colo.
Archibald Cardle.....	Minister, Burlington, Iowa.
Paul A. Ewert.....	Attorney, Joplin, Mo.
George E. Johnson.....	Business, Sayre, Okla.
Samuel M. Marsh.....	Minister, Wabasso, Minn.
William H. Sinclair.....	Minister, Clarksville, Iowa.

Class of 1895.

Frank E. Balcome.....	Physician, St. Paul, Minn.
John W. Christianson.....	Minister, Sisseton, S. D.
Thomas Fitz-Morris Clark.....	Minister, St. Croix Falls, Wis.
Charles D. Darling.....	Minister, Minneapolis, Minn.
Edwin Howard Gordon.....	Deceased.
Harry Clinton Schuler.....	Missionary, Teheran, Persia.
John Hansen Sellie.....	Minister, Buffalo, Minn.
Arthur Whitney Vance.....	City Editor, Daily News, St. Paul, Minn.

Class of 1896.

Alexander Edward Cance.....	Professor, Mass. Agr. College, Amherst, Mass.
Moses M. Maxwell.....	Minister, Crystal Bay, Minn.
Samuel F. Sharp.....	Minister, Exeter, Ontario, Can.

Class of 1897.

Albert Ernest Evans.....	Minister, Gemmell, Minn.
Charles W. Hansen.....	Deceased.
Ernest Charles Henke.....	Minister, Baraboo, Wis.
George Leck.....	Deceased.
John McLearie.....	Professor, State School of Mines, Rapid City, S. D.
Winifred Moore-Mace.....	Racine, Wis.
Arthur A. Palmer.....	Minister, Howard Lake, Minn.
Charles Petran.....	Missionary, Saltillo, Mexico.
Louis B. Sherwin.....	Minister, Bayfield, Wis.
William K. Sherwin.....	Teacher, Carlton, Minn.
Arthur G. Welbon.....	Missionary, Andong, Korea.

Class of 1898.

Clarence Dwight Baker.....	Deceased.
Charles Warren Dade.....	Business, Sisseton, S. D.
Anna Moore Dickson.....	Teacher, St. Paul, Minn.
Caspar Gregory Dickson.....	Clerk Nat. Libry., Washington.
Nellie M. Flanders-Sherwin.....	Carlton, Minn.
John M. Guise.....	Prin. of School, St. Paul, Minn.
Carlton Leslie Koons.....	Minister, Eau Claire, Wis.
Robert C. Mitchell.....	Minister, Estherville, Iowa.
William James Mitchell.....	Minister, Brighton, Wash.
David Walter Morgan.....	Minister, Nioto, Ill.

Class of 1899.

Hugh S. Alexander...Prof. Macalester College, St. Paul, Minn.
 Walter Baker Augur.....Minister, Arriba, Colo.
 Charles Allen Clark.....Missionary, Seoul, Korea.
 Ralph Elmo Clark.....Minister, Erskine, Alberta, Can.
 Paul Doeltz.....Missionary, Iloilo, Phillipine Islands.
 George C. Edson.....Minister, Brooklyn, N. Y.
 Thomas George Jamieson.....Business, Calgary, Can.
 Almira F. Lewis.....Denver, Colo.
 James Murray.....Minister, Nez Perce, Idaho.
 Samuel Merton Pinney...Superintendent, Spring Grove, Minn.
 Jacob Elmer Smits.....Deceased.
 George Stanley.....Minister, Rushford, Minn.
 Murray Alberton Travis.....Minister, Collegeport, Texas.

Class of 1900.

John Calvin Abels.....Minister, Colombo, Ceylon.
 Miles Strong Grimes.....Minister, White Salmon, Wash.
 Ralph Emerson Herron.....Business, Manito, Ill.
 John Robert Landsborough.....Minister, Oregon City, Ore.
 Ernest A. Oldenburg.....Minister, St. Paul, Minn.
 Mathilde Pederson-Romunstaad.....Deceased.
 Irving David Roach.....Business, Azusa, Cal.
 William James Sharp.....Minister, South Tacoma, Wash.
 Roy Walker Smits.....Primghar, Iowa.
 David A. Thompson.....Minister, Olympia, Wash.

Class of 1901.

William Beckering.....Minister, Oostberg, Wis.
 Louis Benes.....Minister, Waupun, Wis.
 Henry Roy Bitzing.....Lawyer, Mandan, N. D.
 Percy Porter Brush.....Business, Kelso, Wash.
 Charles Morrow Farney.....Business, St. Paul, Minn.
 Henry D. Funk.....Prof. Macalester College, St. Paul, Minn.
 Nathaniel E. Hoy.....Meadow, S. D.
 Lewis Hughes.....Teacher, Ottawa, Minn.
 Richard U. Jones.....Prof. Macalester College, St. Paul, Minn.
 William C. Laube.....Professor Presb. Sem., Dubuque, Ia.
 Millicent V. Mahlum.....Teacher, Brainerd, Minn.
 William H. Travis..Pres. Gulf Coast University of Industrial
Arts, Collegeport, Tex.
 Lily Bell Watson.....Macomb, Ill.

Class of 1902.

Frederick Brown	Minister, Lansing, Mich.
Robert L. Davidson.....	Teacher, Kent, Wash.
Sarah A. Haines.....	Sitka, Alaska.
Grace Iddings-Fletcher.....	Grand Forks, N. D.
Leonard L. Mann.....	Minister, Lisbon, N. D.
Francis H. Newton.....	Minister, Reubens, Idaho.
Winifred R. Pringle-Weber.....	Bayfield, Wis.
Edgar E. Sharp.....	Lawyer, Moorehead, Minn.
Benjamin Bruce Wallace.....	Instructor, Ann Arbor, Mich.
Helen Margaret Wallace-Davies.....	Chicago, Ill.

Class of 1903.

John Morton Davies.....	Minister, Chicago, Ill.
Bessie Shepard Doig-Jacobson.....	Panora, Iowa.
Julia Anita Elmer.....	Teacher, St. Paul, Minn.
Peter Erickson.....	Minister, Minot, N. D.
Ebenezer Thomas Ferry.....	Business, Rock Island, Ill.
Emma Inez Godward-Davies.....	Ord, Neb.
Robert McMaster Hood.....	Minister, Madera, Cal.
Peter Westin Jacobson.....	Minister, Panora, Iowa.
Raymond Lewis Kilpatrick.....	Engineer, Hibbing, Minn.
Donald Norman MacRae.....	Minister, Glace Bay, Cape Breton, N. S.
Henry Morgan.....	Reporter, St. Paul, Minn.
Joseph E. Rankin.....	Minister, Long Lake, Minn.
Mary J. Rankin.....	Missionary Teacher, Sneedville, Tenn.
Max M. Wiles.....	Minister, Princeville, Ill.
William H. Weber.....	Business, Bayfield, Wis.

Class of 1904.

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

Class of 1905.

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

Class of 1906.

Levi H. Beeler.....Teachers' Agency, Chicago, Ill.
 James Ekin Detweiler.....Missionary, Yamada, Japan.
 James Hamilton.....Minister, Battle Creek, Ia.
 Roscoe Cliver Higbee.....Prin. of School, St. Paul, Minn.
 Alexander Hood.....Missionary, North Fork, Cal.
 Albert Kuhn.....Professor Presb. Sem., Dubuque, Iowa.
 Paul H. Th. Rusterholz.....Teacher, Wells, Minn.
 Ruth Estelle Swasey-Rusterholz.....Wells, Minn.
 Gordon Graham Thompson.....Physician, Seattle, Wash.
 Frank Harvey Throop.....Missionary, Soo Chow, China
 Margaret Turnbull.....Teacher, Clark, S. D.

Class of 1907.

William Harvey Amos.....Theo. Student, Omaha, Nebr.
 James Albert Caldwell.....Minneapolis, Minn.
 Robert W. Davies.....Superintendent, Mapleton, Minn.
 Josephine Elmer.....St. Paul, Minn.
 Marshall Gregory Findley.....Teacher, Princeton, N. J.
 Richard David Hughes.....Minister, Cotter, Iowa.
 Martha Antoinette Jacobson.....Teacher, St. Paul, Minn.
 Henrietta Cecelia Lundstrom.....Teacher, Mapleton, Minn.
 Rose Amelia Metzger-Nutt.....Sidney, Mont.
 David McMartin.....Minister, Leadville, Colo.
 Rhoda Catherine MacKenzie.....Teacher, Fruitvale, Cal.
 Richard Samuel Nutt.....Bank Cashier, Sidney, Mont.
 Ole Johnson Oie.....Pres. Theo. School, Christiania, Norway.
 William Fred Pottsmith.....Minister, King Hill, Idaho.
 Mary Pauline Payne.....Teacher, Mapleton, Minn.
 Minerva Schlichting.....Teacher, Harmony, Minn.
 Ruth Adelia Sherrill.....Teacher, Morgan, Minn.
 Mary Helen Smith-Jones.....St. Paul, Minn.
 George Hill Smith.....Business, Excelsior, Minn.

Class of 1908.

George Kemp Aiken.....Editor, Pasco, Wash.
 Hanna Sophia Berg.....Rush City, Minn.
 Ralph Brinks.....Principal, Cheyenne, Wyo.
 Richard Stanley Brown.....Theo. Student, Chicago, Ill.
 Edith Frederica Cale.....Deceased.
 Clifford Clement Cornwell.....Minister, Sherman, N. Y.
 Evan Milton Evans.....Lawyer, St. Paul, Minn.
 Rosella Evans.....Teacher, Minot, N. D.
 James Todd Guy.....Lawyer, Minneapolis, Minn.
 Mary Elizabeth Guy-Wallace.....Lyons, Wis.
 Walter Mell Hobart.....Principal, Buffalo, N. D.
 Lucy MaBelle Hyslop-Flinn.....Redwood Falls, Minn.
 Nina Foy Johnson.....Fairmount, Minn.
 Margaret Edith Lakey-McDonald.....Chicago, Ill.
 Peter McEwen.....Theo. Student, Chicago, Ill.
 Luke Edward Marvin.....Duluth, Minn.
 Martha Bessy Olson-Bromley.....Sitka, Alaska.
 Stanley Hall Roberts.....Minister, Eden Prairie, Minn.
 Lydia Anna Schroedel.....Teacher, North St. Paul, Minn.
 Clarence Mason Stearns.....Business, Sheldon, Ia.
 Robert Sinclair Wallace.....U. S. Forest Service, Mena, Ark.

Class of 1909.

Emma Bertelle Barker.....Teacher, Slayton, Minn.
 Lucas H. Brinks.....Principal, Madison, S. D.
 Albert Daniel Davies.....Teacher, Dover, Minn.
 David Roy Jones.....Theo. Student, Chicago, Ill.
 Lulu Lane Piper.....Berwyn, Ill.

Class of 1910.

George Samuel Barclay Acheson..Theo. Student, Chicago, Ill.
 William Jefferson Bell.....Theo. Student, Princeton, N. J.
 Joseph Vaclav Beran.....Business, Hibbing, Minn.
 Charles Taylor Burnley.....Reporter, St. Paul, Minn.
 Edward John Carson.....Theo. Student, Chicago, Ill.
 John Andrew Evert, Med. Student, U. of M., Minneapolis, Minn.
 June Rose Evert-Lanterman.....Mandan, N. D.
 Albert Howard Gammons...Theo. Student, San Anselmo, Cal.
 Jesse Willis Hamblin.....Theo. Student, Chicago, Ill.
 Stanley Hurlbut Hodgman.....Everett, Wash.
 William Andrew Horne.....Theo. Student, Chicago, Ill.
 Helen Mary Hunt.....St. Paul, Minn.
 Edward Henry Joesting.....Theo. Student, St. Louis, Mo.
 John Archibald McEwen.....Theo. Student, Chicago, Ill.
 Sarah Grace McMartin.....Claremont, Minn.

Pearl Alma Nash..... Teacher, Preston, Minn.
 Mildred Gretchen Phillips-Kindy..... St. Paul, Minn.
 Minnie Mae Pierson..... Minnewaukan, N. D.
 Mary Elsie Raymond-Muhr..... Eugene, Ore.
 Gladys Isabelle Roberts..... Minneapolis, Minn.
 Jeannette Paulina Sawyer-Guild..... St. Paul, Minn.
 Frederick Samuel Shimian..... Theo. Student, Omaha, Nebr.
 Elmer Stuart Smith..... Law Student, St. Paul, Minn.
 Elizabeth Libby Staples..... St. Paul, Minn.
 Vernon Elliott Stenerson... Law Student, Minneapolis, Minn.
 Anna Elizabeth Taylor..... Teacher, Waterville, Minn.
 Norman Kendall Tully..... Y. M. C. A., St. Paul, Minn.
 Ruth Minerva von Dorn-Gammons..... San Anselmo, Cal.
 June Adelia Woodward..... Granite Falls, Minn.

Class of 1911.

William Ernest Baskerville..... Y. M. C. A., Omaha, Nebr.
 Charles Bremicker.. Prof. Macalester College, St. Paul, Minn.
 Allan Hill Brown..... Theo. Student, Princeton, N. J.
 Homer Clyde Cardle..... Business, Winnipeg, Can.
 Fred Franklin Carson..... Teacher, Salem, Ohio.
 Janet Isabella Dodds..... Claremont, Minn.
 Donald Smith Doty..... Law Student, St. Paul, Minn.
 Effie Miranda Ellison-Miner..... Berkley, Cal.
 Hulda Olivia Ellison..... La Moure, N. D.
 Oscar Melvin Ellison..... Business, La Moure, N. D.
 Marjory Lucy Hanson..... Teacher, Warren, Ohio.
 Bayard William Heed..... Teacher, Cokato, Minn.
 Arthur Billings Hunt..... St. Paul, Minn.
 Ernest Wilburt Johnson..... Teacher, Larimore, N. D.
 Ina Elizabeth Lindsley..... Marshall, Minn.
 Anna Mae Little..... Plover, Iowa.
 Luella Irene Murphy..... Teacher, Pierpont, S. D.
 William Earls Noyes..... Teacher, Hardwick, Minn.
 Adelaide Wadsworth Payne..... Teacher, Elk River, Minn.
 Russell Stephen Peterson..... Teacher, Montevideo, Minn.
 Leland William Porter..... Minister, Helena, Mont.
 Edna Francis White-Becker..... Amboy, Minn.

Alumni of the School of Music.

Class of 1900.

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

Class of 1901.

Millicent Viola Mahlum, piano.....Brainerd, Minn.

Class of 1905.

Grace Taylor, voice.....

Mrs. W. H. Amos, piano.....Howard Lake, Minn.

Class of 1906.

Carmen Mahlum, voice.....Brainerd, Minn.

Pearl Neeb, voice.....Lewiston, Minn.

Charrie Robertson, voice.....Rushford, Minn.

Mildred Gretchen Phillips, piano.....St. Paul, Minn.

Paul H. Th. Rusterholz, voice.....Wells, Minn.

Class of 1907.

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

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

Class of 1908.

Ethel Erckenbrack, voice.....Parkers Prairie, Minn.

Ada Nash, piano.....Pipestone, Minn.

Gladys Neff, piano.....Neillsville, Wis.

Minnie Tullar, piano and voice.....Warren, Minn.

Clara Odenwald, voice.....Jordan, Minn.

Class of 1909.

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

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

Anna May Woodworth, piano.....Carlton, Minn.

Class of 1910.

Ardelia Bisbee, piano.....Madelia, Minn.

Mildred C. Corliss, piano.....Grand Forks, N. D.

Ada Dahlgren, voice.....Fergus Falls, Minn.

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

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

Class of 1911.

Charlotte Burlington, piano.....Bolivar, N. Y.

Elva May Davis, voice.....Madison, S. D.

Katherine Gamble, voice.....Wayne, Neb.

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

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

Stella Wilhelmina Steger, voice.....St. Paul, Minn.

Roll of Students.

COLLEGE.

Senior Class.

Anna Elizabeth Anderson.....	Alpha, Minn.
Dorothy Elizabeth Baumgart.....	St. Paul, Minn.
Clara Berdan.....	Chatfield, Minn.
James Brinks.....	Princeton, Minn.
Orville Clifton Cardle.....	Blue Earth, Minn.
Bessie Florence Clark.....	St. Paul, Minn.
Mabel Emma Cosgrove.....	Le Sueur, Minn.
Elva May Davis.....	Madison, S. D.
Louise Lombard Davison.....	Madison, S. D.
Jessie Ellen Fisher.....	St. Paul, Minn.
Clarence Oscar Graue.....	Blue Earth, Minn.
Lillah Agnes Holden.....	Hudson, Wis.
Florence Hunt.....	St. Paul, Minn.
Earl Duane Jenckes.....	Pipestone, Minn.
Clarence Eugene Johnson.....	Cokato, Minn.
Marion Burdick Jones.....	Wabasha, Minn.
Ruth Anna McKinlay.....	Medford, Minn.
Louis Whitford Matteson.....	Williston, N. D.
Clarice Audrey Miller.....	Ely, Minn.
Pearl Margueritte Palmer.....	Madison, S. D.
John Gottfried Schmidt.....	Blue Earth, Minn.
William Ellison Scott.....	Two Harbors, Minn.
Ella Adelia Stearns.....	Jasper, Minn.
Edna Alda Stewart.....	Delhi, Minn.
Cassie Marie Stoddart.....	St. Paul, Minn.
Oakley Russell Tripp.....	Round Lake, Minn.
Oscar Westerlund.....	St. Paul, Minn.
Muriel Faye Wheeler.....	Litchfield, Minn.
Harry Merrium Willmert.....	Blue Earth, Minn.
Ralph Calvin Wilson.....	Maine, Minn.

Junior Class.

Enoch Newman Bengtson.....	Rush City, Minn.
Ruby Bredenhagen.....	St. Paul, Minn.
Ragna Leonora Bye.....	Kenmare, N. D.
Lenna May Campbell.....	Minneapolis, Minn.
Wilfrid Gladstone Campbell.....	Superior, Wis.
Paul Ephraim Carlson.....	Harris, Minn.
Mary Genevieve Carver.....	Luverne, Minn.
George Oliver Chase.....	Florence, Neb.
Leonard Alvin Clark.....	Eden Prairie, Minn.

Mary Bernice Clark.....	Eden Prairie, Minn.
Solomon David David.....	Damascus, Syria
Emma Joy Frederick.....	Delano, Minn.
William Henry Wallace Holley.....	East Grand Forks, Minn.
Berenice Antoinette Kellogg.....	St. Paul, Minn.
Del Leslie Laughlin.....	Lisbon, N. D.
Bessie Elizabeth Lovell.....	Amboy, Minn.
Grace Eloise McClure.....	Litchfield, Minn.
Elmer Shepard McCourt.....	St. Paul, Minn.
Florence Amelia Otis.....	St. Paul, Minn.
Norton Walter Peet.....	Wolverton, Minn.
William Conkey Phillips.....	Preston, Minn.
Edythe Beatrice Pierson.....	Minnewaukan, N. D.
Ruth Lynn Porter.....	Madison, S. D.
Adeline Marie Rosebrock.....	Owatonna, Minn.
Ray Simons.....	Virginia, Minn.
Marie Gertrude Smits.....	Le Roy, Minn.
James Merton Snyder.....	Fulda, Minn.
Florence Adell Switzer.....	Two Harbors, Minn.
James Russel Thomas.....	Sherburne, Minn.
John Daniel Thomas.....	Minneapolis, Minn.
Katie Lillian White.....	Claremont, Minn.
Vera Mae Zimbeck.....	Montevideo, Minn.

Sophomore Class.

Carrie Ellen Alvord.....	Washburn, Wis.
Richard Harlow Anderson.....	Donnelly, Minn.
Wallace Jay Anderson.....	Eden Prairie, Minn.
Harold Harvey Baldwin.....	Milnor, N. D.
Romona Bell.....	St. Paul, Minn.
Hosea Greenwood Bosley.....	Harlem, Mont.
Arthur George Brown.....	Eden Prairie, Minn.
Truman Dean Brown.....	Eden Prairie, Minn.
Lulu Ellen Carey.....	Duluth, Minn.
Charles Edward Clark.....	Blue Earth, Minn.
Howard Edward Clark.....	Eden Prairie, Minn.
Margaret McGregor Doty.....	St. Paul, Minn.
Leslie Lisle Druley.....	Estherville, Iowa.
Vera Margery Dunlap.....	St. Paul, Minn.
Bertha Irene Gamble.....	Hopkins, Minn.
Lloyd Gilmore.....	Hope, N. D.
Frances Elizabeth Griswold.....	Minneapolis, Minn.
William Harry Haly.....	Minneapolis, Minn.
Harold Edwin Hullsiek.....	St. Paul, Minn.
Arthur Hanscome Johnson.....	St. Peter, Minn.
Pearl Johnson.....	St. Paul, Minn.
Robert Loyd Lang.....	Mapleton, Minn.
Myrtle Alicia Little.....	Le Sueur, Minn.
Robert Shepard McCourt.....	St. Paul, Minn.
Joseph Robert Neller.....	Hayfield, Wis.

Arthur Emanuel Nelson.....	Brown's Valley, Minn.
Evelyn Pickthorn.....	Brown's Valley, Minn.
Helen Marie Prosser.....	Duluth, Minn.
Mark Matthew Reed.....	St. Paul, Minn.
Mabel Josephine Scott.....	Winthrop, Minn.
Gertrude Gray Smith.....	St. Paul, Minn.
Ole Strand.....	Towner, N. D.
Helen Antonia Stratte.....	Dawson, Minn.
Selma Ovidia Stratte.....	Dawson, Minn.
John William Stuhr.....	Euclid, Minn.
John Henry Styles, Jr.....	Willmar, Minn.
Charles Albert Thomas.....	Brown's Valley, Minn.
Marie Ellen Thomas.....	Minneapolis, Minn.
Della Ann Trotter.....	Dawson, Minn.
Lucius Harlow Watkins.....	Carlton, Minn.
Susie Frances White.....	Claremont, Minn.

Freshman Class.

Clark Albin Abrahamson.....	Towner, N. D.
Carroll Willis Armstrong.....	Philadelphia, Pa.
Harry Edward Boyle.....	Eau Claire, Wis.
Julia Augusta Brathing.....	Battle Lake, Minn.
Paul Benjamin Bremicker.....	St. Paul, Minn.
Olive Margaret Brown.....	Pipestone, Minn.
Mary Reid Cardle.....	Blue Earth, Minn.
Etta Marie Sinclair.....	Montevideo, Minn.
Ruth de Moraes Clark.....	Rio de Janeiro, Brazil.
Herbert Oram Collins.....	Minneapolis, Minn.
Lucile Dahl.....	Bismarck, N. D.
William Albert Dalton.....	Christchurch, New Zealand
Donald Daniel.....	Minneapolis, Minn.
Marie Eleanor de Booy.....	Elk River, Minn.
Margaret Marie Defiel.....	St. Paul, Minn.
Phyllis Atherton Drew.....	St. Paul, Minn.
Edwin Gustaf Englund.....	Kennedy, Minn.
Ruth Marie Featherstone.....	Hastings, Minn.
Eunice Geer Finch.....	Slayton, Minn.
Alice Julia Flinn.....	St. Paul, Minn.
Henry Nels Granburg.....	St. Paul, Minn.
David Gustafson.....	Rush City, Minn.
Edith Almeda Haigh.....	St. Paul, Minn.
Arthur Peder Hansen.....	St. Paul, Minn.
John Leslie Harvey.....	Banbridge, Ireland.
Hillard Herman Holm.....	Carver, Minn.
Burton Patriquine Holt.....	Randall, Minn.
May Lucile Kingsland.....	St. Paul, Minn.
Custer Albert Lang.....	Mandan, N. D.
John Arthur Lensink.....	Ostburg, Wis.
Alvin Otto Leuzinger.....	Waverly, Minn.

Charles Louis Lick.....	St. Paul, Minn.
Alice Louise Lindsley.....	Marshall, Minn.
Edward Everett McCabe.....	St. Paul, Minn.
Grover James McGrath.....	Barnesville, Minn.
Christine McMartin.....	Claremont, Minn.
Finlay Hector McRae.....	Morgan, Minn.
Carl Mannheimer.....	St. Paul, Minn.
Harold James Matteson.....	Duluth, Minn.
Russell Briston Melin.....	Red Wing, Minn.
Erwin Herbert Metag.....	Morgan, Minn.
Mable Mohr.....	Buffalo, N. D.
Erling Monnes.....	Portland, Ore.
Esther May Neller.....	Hayfield, Minn.
Emily Helen Payne.....	St. Paul, Minn.
Bersha Fannie Peek.....	Ellendale, N. D.
John Paul Peterson.....	Moorehead, Minn.
Lyla Gladys Plantikow.....	St. Paul, Minn.
Miranda Mabel Plantikow.....	St. Paul, Minn.
Jessie Winifred Porter.....	St. Paul, Minn.
Llewellyn Demi Porter.....	Dassel, Minn.
Orson Bates Powers.....	St. Paul, Minn.
Leon Earl Rademacher.....	Fairmont, Minn.
Theron Libby Rank.....	Dover, Minn.
Ralph Edwin Richards.....	St. Paul, Minn.
Ralph Woods Ross.....	Calvin, N. D.
Plato Earl Sargent.....	Red Wing, Minn.
Samuel Gottlieb Schiek.....	Grant Park, Ill.
Herbert H. Sell.....	Cloquet, Minn.
Ruth Virden Slagg.....	Pipestone, Minn.
Henry Frank Softley.....	Colchester, England.
Smith Taylor.....	Towner, N. D.
Elmer Trolander.....	Alborn, Minn.
Arthur Elliott Vik.....	Willmar, Minn.
Gwendolyn Bromley Williams.....	Duluth, Minn.
Trevor George Williams.....	St. Paul, Minn.
Bert Benjamin Willmert.....	Blue Earth, Minn.
Ross Henry Willmert.....	Blue Earth, Minn.
Glenn Sumner Witherstine.....	Rochester, Minn.
Dorothy Womack.....	Minneapolis, Minn.

Special Students.

Benjamin Harrison Anderson.....	Litchfield, Minn.
Erma Wilhelmina Martha Appel.....	Springfield, Minn.
Louise Anna Christine Appel.....	Springfield, Minn.
Leila M. Black.....	Mankato, Minn.
Edith May Ellison.....	La Moure, N. D.
Alice Elvira Larson.....	Alexandria, Minn.
Blanche Hazel Macdonell.....	St. Paul, Minn.
Amelia Sophia Miller.....	Montrose, Minn.

Edna Lillian Mohr.....	Buffalo, N. D.
Alice Rosalia Olson.....	Fargo, N. D.
Lottie Mae Olson.....	Argyle, Minn.
Iva Nannette Palmer.....	Madison, S. D.
Ethel May Stewart.....	St. Paul, Minn.
Mary Frances Symonds.....	Wendell, Minn.
Glady's Ruth Ziesemer.....	St. Paul, Minn.

BALDWIN SCHOOL.

Senior Class.

Albert Christopher Barbo.....	Deronda, Wis.
George William Barbo.....	Deronda, Wis.
Jean Brawley.....	St. Paul, Minn.
Grace Emily Brown.....	St. Paul, Minn.
Ruth de Moraes Clark.....	Rio de Janeiro, Brazil
William Albert Dalton.....	Birmingham, England
Francis Marion Dana.....	St. Paul, Minn.
Margaret Douglass Downing.....	St. Paul, Minn.
Gwendolyn Latimer Eastman.....	St. Paul, Minn.
Christopher Leo Kenny.....	St. Paul, Minn.
Frederick Joseph Kenny.....	St. Paul, Minn.
Mabel Lenore Lundsten.....	Waconia, Minn.
John Thomas McCallum.....	St. Paul, Minn.
Stuart Ainslie McLeod.....	St. Paul, Minn.
Margaret Christina McRae.....	Lee, Mont.
Loana Miriam Miller.....	St. Paul, Minn.
Nina Carol Moore.....	St. Paul, Minn.
Mildred Pederson.....	Strum, Wis.
Lillian Sutherland Robinson.....	St. Paul, Minn.
Vera Marie Utter.....	St. Paul, Minn.
Mary Helen Wade.....	St. Paul, Minn.
George William Wells.....	St. Paul, Minn.

Junior Class.

Arthur Glenn Adams.....	Minneapolis, Minn.
Theodore Emil Anderson.....	St. James, Minn.
Lucy McRae Bosley.....	Harlem, Mont.
Charles Henry Bronson.....	Minneapolis, Minn.
Charlotte Agatha Burlington.....	Bolivar, N. Y.
Harriet Martha Caldwell.....	Monango, N. D.
Alice Blanche Carlson.....	St. Paul, Minn.
Katharine Currie Davies.....	St. Paul, Minn.
Grace Stewart Ewing.....	St. Paul, Minn.
Otis Andrew Fisher.....	Cobban, Wis.
Luther Barwise Harrison.....	St. Paul, Minn.

Henry Alexius Holmberg.....	St. Paul, Minn.
Helen Minerva Moore.....	St. Paul, Minn.
Earl Coy Padelford.....	Austin, Minn.
Zylpha Lauretta Sharpe.....	St. Paul, Minn.
Florence Victoria Slawik.....	St. Paul, Minn.
Ernest Alonzo Sletteland.....	Pigeon Falls, Wis.
Miriam Winifred Wallace.....	St. Paul, Minn.
Glendon Sidney Welshons.....	Stillwater, Minn.

Sophomore Class.

Everett Franklin Bosley.....	Harlem, Mont.
Henrietta Brawley.....	St. Paul, Minn.
Isabel Orva Browne.....	Hensler, N. D.
John Archibald Davies.....	St. Paul, Minn.
Frances Dunning.....	St. Paul, Minn.
Ernest Ellis.....	Harlem, Mont.
James Wentworth Freeman.....	St. Paul, Minn.
Howard Edwin Frost.....	St. Paul, Minn.
Raymond Kirk Gooch.....	St. Paul, Minn.
Mary Amelia Hitchcox.....	St. Paul, Minn.
Frank Orville Holmes.....	St. Paul, Minn.
John Macfarlane Johnson.....	St. Paul, Minn.
William Carroll Keesey.....	St. Paul, Minn.
Ernest Lindahl.....	Minneapolis, Minn.
Thomas Seward Lovering.....	St. Paul, Minn.
Wendell Scott McRae.....	St. Paul, Minn.
Swan William Mattson.....	Kensington, Minn.
Ruth Ludlow Moore.....	St. Paul, Minn.
William Riley.....	St. Paul, Minn.
Herbert George Skinner.....	Morgan, Minn.
David Leonard Strand.....	Morgan, Minn.
Lewis James Symonds.....	Wendell, Minn.

Freshman Class.

Richard Rea Bennett.....	St. Paul, Minn.
Alice Rowe Brown.....	St. Paul, Minn.
Elmo Frederick Brusck.....	St. Paul, Minn.
Bernice Burk.....	Minneapolis, Minn.
Edith Henrietta Cesander.....	St. Paul, Minn.
Orton Skinner Clark.....	Rio de Janeiro, Brazil
Elton Kellogg Crowell.....	Minneapolis, Minn.
Florence Anna Defiel.....	St. Paul, Minn.
Genevieve Emmons.....	Bethel, Minn.
Erling Johan Eriksen.....	Two Harbors, Minn.
John Louis Ferry.....	Outlook, Sask.
Roy Gardner Foote.....	St. Paul, Minn.
Fred George Framhien.....	St. Paul, Minn.
Marjorie Marie Fuller.....	St. Paul, Minn.
Lucile Janet Harrison.....	St. Paul, Minn.

James Hedden.....	Minneapolis, Minn.
Eugene Wilbur Hunt.....	St. Paul, Minn.
George Arthur Jensen.....	Glenwood, Minn.
Therian Cecil Lemon.....	St. Paul, Minn.
Lora Leola Lynch.....	Minneapolis, Minn.
Dean Esther McCorquodale.....	Delhi, Minn.
Mary Louise McGee.....	St. Paul, Minn.
Andrew Gaston McGinley.....	St. Paul, Minn.
Margaret McLeod.....	St. Paul, Minn.
Helen Willina McRae.....	St. Paul, Minn.
Norman Mellbye.....	Sherburne, Minn.
Dorothy Rose Anna Parado.....	St. Paul, Minn.
Ruth Cleone Parsons.....	St. Paul, Minn.
Alfred Melvin Peterson.....	Richville, Minn.
Kathryn Powers.....	St. Paul, Minn.
Marion Evangeline Schulz.....	St. Paul, Minn.
Alice Burgoyne Spencer.....	St. Paul, Minn.
Roy Andrew Stougaard.....	St. Paul, Minn.
Arnold John Swanson.....	Moose Lake, Minn.
Archibald Thomas.....	Sherburne, Minn.
Tom Edd Waddelow.....	Fairfield, Ill.
Fred Augustus Waterous.....	St. Paul, Minn.
Fridolf Westholm.....	Moose Lake, Minn.
Elsie Louise Woldt.....	St. Paul, Minn.

Special Students.

Chester Louis Coleman.....	St. Paul, Minn.
Alton Bard Cowin.....	Minneapolis, Minn.
Mae Appleman Gifford.....	Elkader, Iowa
Frank Aron Hinman.....	River Falls, Wis.
Vincent Parkhurst Keesey.....	St. Paul, Minn.
Faye Jeweld Kubach.....	Abilene, Kans.
Dorothy Helen Leach.....	St. Paul, Minn.
Henry Lewis.....	Minneapolis, Minn.
Lillian McRae.....	Lee, Mont.
Guy Francis Murray.....	Proctor, Minn.
Herbert William O'Dell.....	Little Falls, Minn.
Melvin Melington Oppegaard.....	Madison, Minn.
Lillie Page.....	Eden Prairie, Minn.
Ethelwyn Susan Phelps.....	Minneapolis, Minn.
Margaret Helen Prothero.....	Minneapolis, Minn.
Geneva Pearl Samson.....	St. Paul, Minn.
Elsie Elizabeth Scott.....	St. Paul, Minn.
Grace Seigman.....	St. Paul, Minn.
Henry Frank Softley.....	Colchester, Eng.
Grace Winifred Vickerman.....	Jasper, Minn.
Florence Annie Whitby.....	Sares, N. D.
Ethel Wilcox.....	Mankato, Minn.
Kate Carrie Young.....	St. Paul, Minn.

Summary of Students.

College	173
College Specials	15
Baldwin School	102
Baldwin School Specials.....	23
	<hr/>
Total	313
Counted Twice	4
	<hr/>
Net, Total	309

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