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MACALESTER COLLEGE BULLETIN

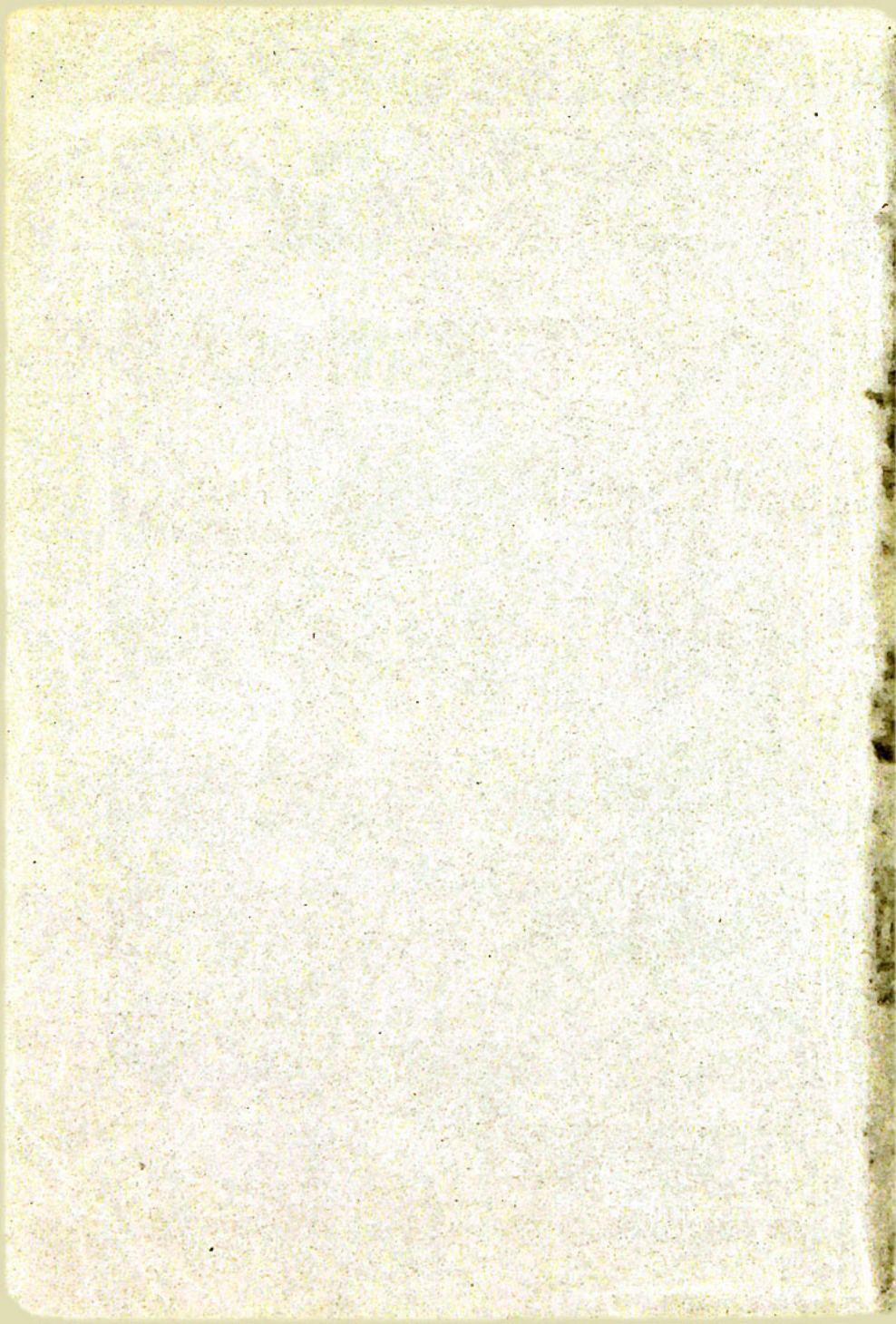


CATALOGUE NUMBER

APRIL 1913

VOLUME I, New Series

NUMBER 3



CIRCULATING COPY



GENERAL VIEW OF EDUCATIONAL PLANT.

Men's Dormitory

Main Hall

Science Hall

CATALOGUE
OF
Macalester College

Baldwin School
(Preparatory)
AND
School of Music

1912-1913

SAINT PAUL, MINNESOTA

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

Issued Quarterly in October, January, April and June.

College Calendar.

1913-1914.

1913

- May 30. Friday, Decoration Day.
- June 6. Friday, 8:15 p. m., Commencement, Baldwin School.
- June 7. Saturday, 8:15 p. m., Senior Class Play.
- June 8. Sunday, 10:30 a. m., Baccalaureate Sermon.
- June 8. Sunday, 8:00 p. m., Alumni and Christian Associations' Sermon.
- June 9. Monday, 8:15 p. m., Senior Class Play.
- June 10. Tuesday, 10:00 a. m., Class Day Exercises.
- June 10. Tuesday, 1:30 p. m., Annual Meeting of Board of Trustees.
- June 10. Tuesday, 8:15 p. m., Recital, School of Music.
- June 11. Wednesday, 10:00 a. m., Twenty-fourth Annual Commencement.
- June 11. Wednesday, 1:15 p. m., Alumni Banquet.
- June 11. Wednesday, 8:00 p. m., President's Reception.
- Sept. 8-10. Monday-Wednesday, Registration Days.
- Sept. 10. Wednesday, 10:30 a. m., First Semester begins.
- Nov. 27-28. Thursday, Friday, Thanksgiving Recess.
- Dec. 19. Friday, 4:20 p. m., Christmas Vacation begins.
- 1914.
- Jan. 7. Wednesday, 8:00 a. m., Christmas Vacation ends.
- Jan. 30. Friday, First Semester ends.
- Feb. 3. Tuesday, 8:00 a. m., Second Semester begins.
- Feb. 12. Thursday, Lincoln's Birthday.
- April 8. Wednesday, 4:20 p. m., Easter Vacation begins.
- April 15. Wednesday, 8:00 a. m., Easter Vacation ends.
- June 10. Wednesday, Second Semester ends.

Board of Trustees.

Officers of the Board.

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

Trustees.

TERMS EXPIRE JUNE, 1913.

B. H. SCHRIBER.....	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.

TERMS EXPIRE JUNE, 1915.

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.

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

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GEORGE D. DAYTON	G. W. WISHARD
R. C. JEFFERSON	

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H. C. SWEARINGEN	T. B. JANNEY
	R. A. KIRK

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	R. A. KIRK	

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R. A. KIRK		T. B. JANNEY
T. M. HODGMAN		B. H. SCHRIEBER

Auditing Committee.

B. H. SCHRIEBER	G. W. WISHARD	P. L. HOWE
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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.,
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, 1658 Lincoln Avenue.

DAVID NEWTON KINGERY, A. M.,
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., Registrar,

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.

GLENN CLARK, A. M.,

Professor of English.

A. B., Grinnell College, 1905; A. M., Harvard University, 1908. Principal Oak Park High School, Des Moines, Ia., 1905-1906. Instructor, North Des Moines High School, Ia., 1906-1907. Professor of English, William and Vashti College, Aledo, Ill., 1908-1912. Professor of English, Macalester College, 1912—
Residence, 1838 Grand Ave. N. W. Midway 1620.

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, 156 Cambridge Ave.

FRANKLIN WATERS PLUMMER, A. B.,

Associate Professor of Biology. Director of Athletics for Men.

A. B., Wabash College, 1908. Graduate student in University of Minnesota, 1908-1909. Student St. Paul College of Law, 1910-1913. Instructor, Macalester College, 1908-1910. Associate Professor of Biology, 1910—.

Residence, 1650 Princeton Ave.

HAROLD OMER BURGESS, A. B.,

Associate Professor of Latin Language and Literature.

A. B., Wabash College, 1908. Graduate student University of Minnesota, 1910—. 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, 1665 Lincoln Ave. N. W. Midway 2512.

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,

Adjunct Professor of Dramatic Art and English. Physical Director for Women.

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.,

Adjunct Professor of 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.,

Adjunct Professor of 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 and German.

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, 1084.

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.

Executive Committee.

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 ROGER WILSONFootball and Track
 JOHN P. HALLBaseball
 H. O. BURGESSBasket Ball

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 A. W. ANDERSON JULIA M. JOHNSON

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 A. W. ANDERSON H. S. ALEXANDER
 H. O. BURGESS HARRY PHILLIPS

GLENN CLARK

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CHARLES BREMICKER

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D. N. KINGERY

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D. N. KINGERY
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J. P. HALL
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CHARLES BREMICKER
H. D. FUNK

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JULIA M. JOHNSON
GLENN CLARK

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DR. W. R. HARSHAW

DR. HARRY N. WILSON

Dormitory.

JULIA M. JOHNSON
GRACE B. WHITRIDGE

THE PRESIDENT
R. U. JONES

Supervision of Buildings.

THE PRESIDENT
H. S. ALEXANDER

R. U. JONES
G. W. DAVIS

Advisory Members.

S. M. COOKMAN

L. C. WEIR

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

JAMES WALLACE
PAULINE PAYNE
GERTRUDE CRIST, Sec'y

Advisers.

A. W. ANDERSON
 JAMES WALLACE
 H. D. FUNK

H. O. BURGESS
 R. U. JONES
 H. S. ALEXANDER

College Council.

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LLOYD GILMORE	Junior Representative
ROSS H. WILLMERT	Sophomore Representative
JESSIE McCLURE	Freshman Representative
MIRIAM WALLACE	Academy Representative
J. W. FREEMAN	Academy Representative

Other Officials.

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Steward of Edwards Hall.....	E. H. METAG
Steward of Eutrophian Hall.....	ELMER TROLANDER
Steward of Uta Ota Club.....	RALPH ROSS
Steward of Euthenian Club.....	GEORGE JENSEN
Head Engineer.....	SAMUEL M. COOKMAN
Assistant Engineer, Wallace Hall.....	G. O. CHASE
Assistant Engineers, Main Building.....	DEL LAUGHLIN
	R. H. ANDERSON
Head Janitor	L. C. WEIR

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 Christian minister and 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. Edu-

cated 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 and Union. 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. Wallace's administration, with the energetic assistance of Robert A. Kirk, Thomas Shaw, and Rufus C. Jefferson,

the board was reorganized, the debt liquidated, and efforts for a permanent endowment begun. 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 Mr. Andrew Carnegie, \$50,000 from Mr. James J. Hill, \$50,000 from Mr. Frederick Weyerhaeuser, \$25,000 from Mr. O. A. Robertson and over \$75,000 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.

The trustees are now prosecuting a campaign for \$250,000 of additional endowment. Toward this sum \$135,000 has been pledged and the remainder is confidently expected before July 1, 1913.

The standing of the College is shown in the prominent men who have served as Commencement speakers in recent years:

Commencement Orators: Dr. J. W. Cochran, 1909; Dr. Booker T. Washington, 1910; Bishop John H. Vincent, 1911; Hon. W. J. Bryan, 1912; Dr. David Starr Jordan, 1913.

Baccalaureate Preachers: Dr. Geo. E. MacLean, 1910; Dr. Geo. L. Robinson, 1911; Dr. H. C. Swearingen, 1912; Dr. John H. Dewey, 1913.

Presidents of the College.

Rev. Edward Duffield Neill, D. D., 1873-1884.

Rev. Thomas A. McCurdy, D. D., 1884-1890.

Rev. David James Burrell, D. D., 1890-1891.

Rev. Adam Weir Ringland, D. D., 1892-1894.

Prof. James Wallace, Ph. D.,

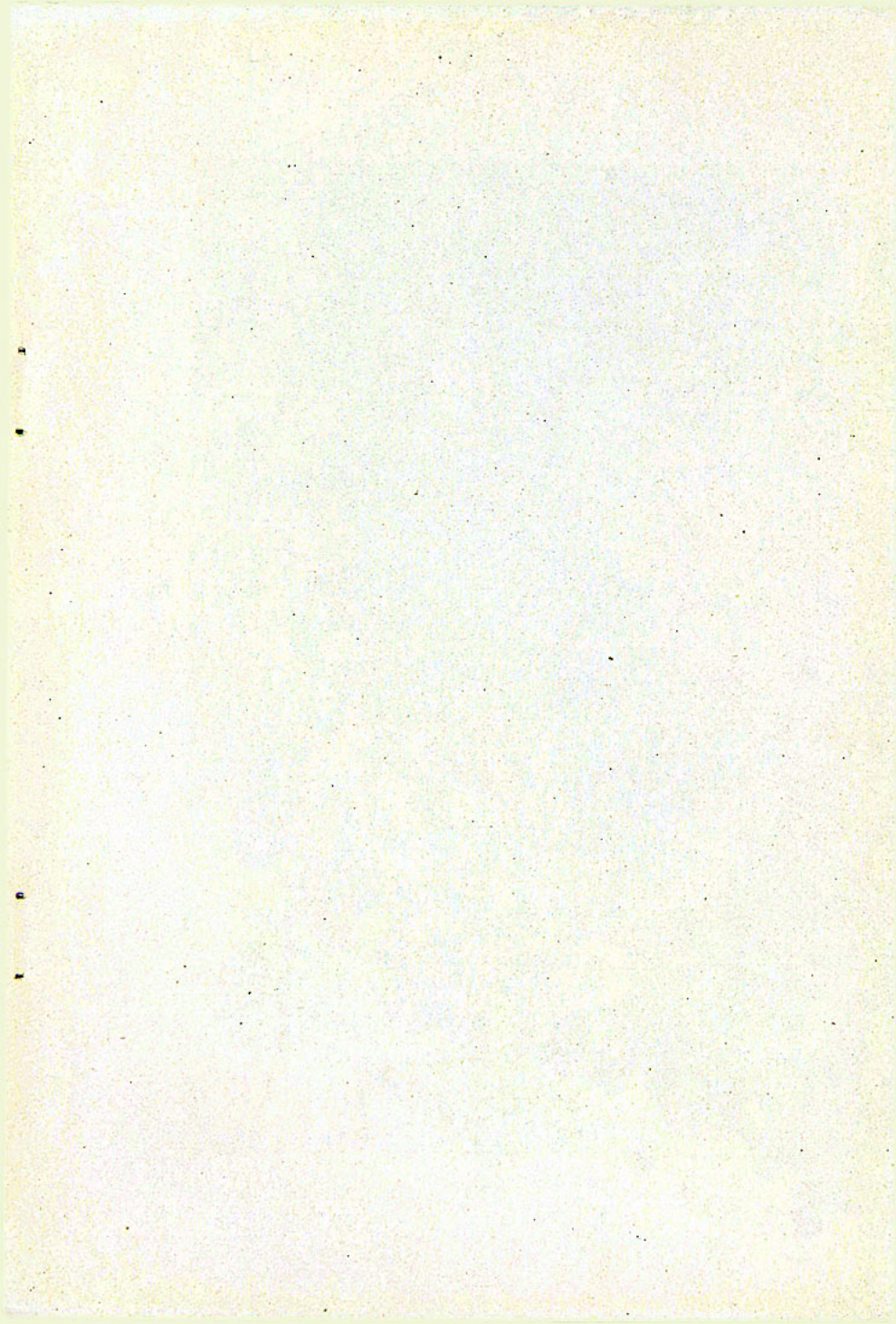
Acting President, 1894-1900; President 1900-1906.

Prof. Thomas Morey Hodgman, M. A., LL. D., Feb., 1907—.

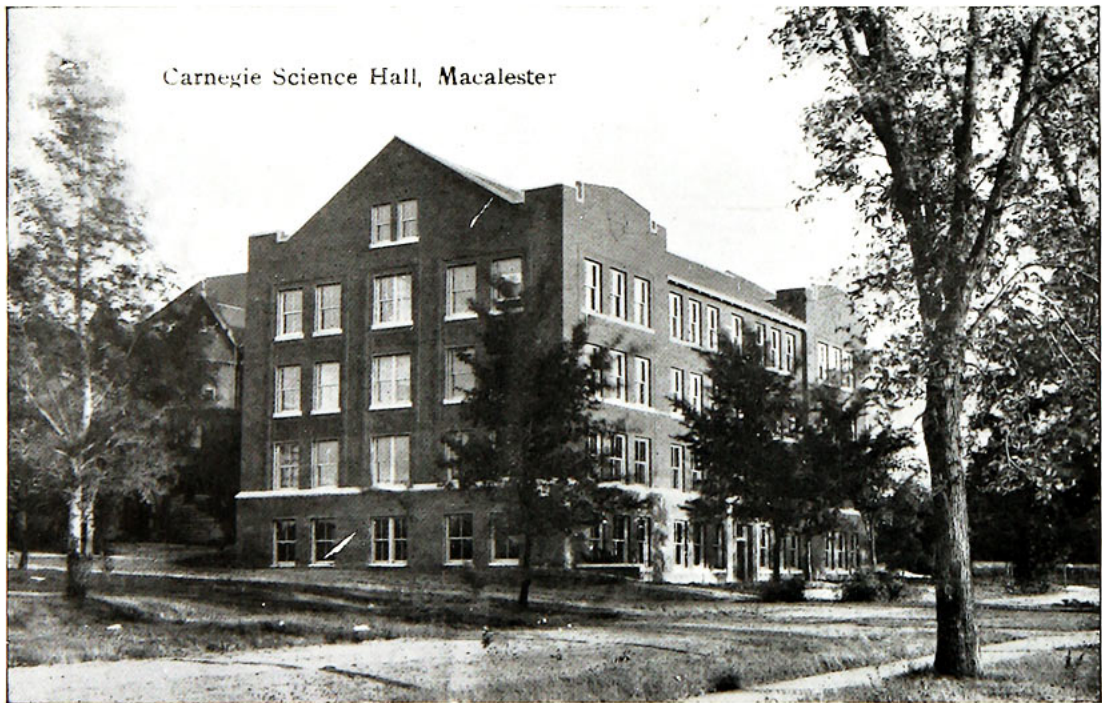
Form of Bequest.

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

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



Carnegie Science Hall, Macalester



CARNEGIE SCIENCE HALL

Location.

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

Campus.

The campus contains forty acres with a frontage of six hundred and sixty feet on Summit Avenue, a fine boulevard two hundred feet in width, which connects the Twin Cities. The College buildings, 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, and contains class rooms, society halls, men's gynasium, library, auditorium and executive office. The building is heated by steam and provided with its own electric light plant.

The Carnegie Science Hall, the gift of Mr. Andrew Carnegie, is a three story building with a full height basement. It is essentially 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 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.

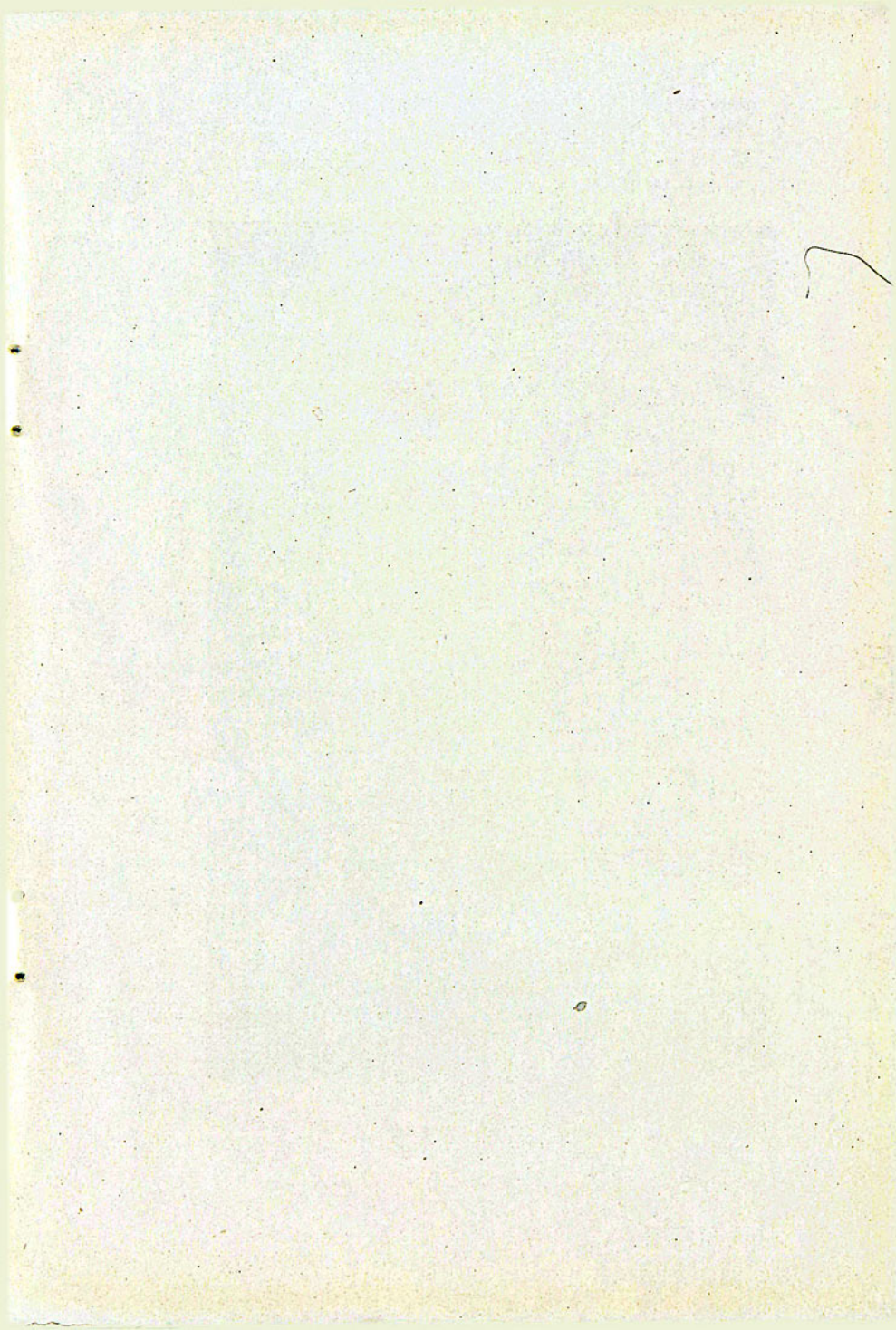
Museum.—In the Science Hall is the Museum, small at present but growing. The Lewis Collection of Indian relics is rare and valuable, as is also the Educational Collection of marine invertebrates and fishes contributed by Smithsonian Institution, Washington, D. C. Friends are invited to keep in mind the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

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



WALLACE HALL. WOMEN'S DORMITORY



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 commons 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 sets tables for seventy-five. The students in this building form a club and manage the boarding department under a matron and other officers of their own choice, subject to the general supervision of the faculty.

Moss Hall, named in memory of Henry L. Moss, an early trustee, 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 Euthrophan Hall Club. The rooms are furnished similarly to those in the men's Brick Dormitory. This building is under student government.

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

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.

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

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

Shaw Field.—Provision for the encouragement and development of outdoor athletics has been made by the construction of the Thomas Shaw Athletic Field. This contains four acres of the campus lying directly south of the main building and is 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 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 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 \$372,842.

Library.

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

The Neill collection includes rare works in Puritan and Colonial history and theology, and in early American travels, together with examples of fifteenth and sixteenth century printing and valuable autograph letters.

The Dewey system of classification is used.

For maintenance of the Library there is set apart each semester 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 at present four hundred dollars.

Mr. Allen H. Stem of St. Paul contributes fifty dollars annually for the Reed & Stem 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 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.

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

Incoming classes receive instruction in the care and use of books.

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

- | | |
|------------------------------------|------------------------------|
| Advocate of Peace. | La Follette's Weekly. |
| American Economic Review. | Literary Digest. |
| American Historical Review. | Littell's Living Age. |
| American Journal of Psychology. | McClure's Magazine. |
| American Journal of Sociology. | Missionary Review of the |
| American Naturalist. | World. |
| American Political Science Review. | Musican. |
| Les Annales Politiques et | Nation. |
| Litteraires. | National Geographic Maga- |
| Annals of the American | zine. |
| Academy. | North American Review. |
| Assembly Herald. | Outlook. |
| Association Men. | Phonographic World. |
| Atlantic Monthly. | Political Science Quarterly. |
| Aus Nah und Fern. | Popular Astronomy. |
| Bible Society Record. | Popular Mechanics. |
| Century Magazine. | Popular Science Monthly. |
| Christian Endeavor World. | Presbyterian. |
| Classical Journal. | Presbyterian Examiner. |
| Classical Philology. | Progress. |
| Commoner. | Psychological Clinic. |
| Continent. | Quarterly Journal of Econom- |
| Country Life in America. | ics. |
| Current Opinion. | Reader's Guide to Periodical |
| Dial. | Literature. |
| Educational Review. | Record of Christian Work. |
| Expository Times. | Religious Education. |
| Forum. | Review of Reviews. |
| Harper's Magazine. | St. Paul Pioneer Press. |
| Herald and Presbyterian. | School Review. |
| Hibbert Journal. | Scientific American. |
| Home Mission Monthly. | Scientific American Supple- |
| Independent. | ment. |
| Journal of Philosophy, Psy- | Scribner's Magazine. |
| chology and Scientific | Sunday School Times. |
| Methods. | Survey. |
| Journal of Political Economy. | Woman's Work. |
| Journal of the Royal Micro- | Woodcraft. |
| scopical Society. | World's Work. |
| | Yale Alumni Weekly. |

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 five years of experiment both faculty and students regard student self-government as a gratifying success.

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.

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.

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 Marion B. Jones, the junior to Vera M. Zimbeck and the sophomore to Joseph R. Neller.

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 fewer 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 Arthur E. Nelson.

Debate Prize.—House of Hope attorneys offer a prize of thirty dollars, to be distributed to the six students who win positions on the state intercollegiate teams. The winners last year were B. P. Holt, H. G. Bosley, L. H. Watkins, Lloyd Gilmore, W. E. Scott and P. E. Sargent.

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. Held this year by Lucia Brown.

Silliman Scholarship.—Offered by Mr. H. B. Silliman of Cohoes, N. Y., and yielding \$50 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. Held this year by Alice L. Lind-sley.

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. Held this year by Vergil H. Guthrie.

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

Biology Scholarship.—Two eminent surgeons contribute \$50 a year to aid a student in the department of Biology to be selected by the head of this department. This scholarship becomes effective next year.

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

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

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

Student Activities.

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 L. H. Watkins.

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 Ray Simons.

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

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

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

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

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. O. E. Alm 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, Hamline 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: Affirma-

tive—H. E. Clark, Del Laughlin and G. R. Collins; negative—H. F. Softley, P. E. Sargent and B. P. Holt. The affirmative team debated St. Olaf at Macalester, the negative team, Hamline at Hamline. The question was, "Resolved, That corporations doing interstate business be required to take out federal charters."

French Club.—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.

Education Club.—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.

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 freshmen. A trained coach for gymnasium and field sports for men is provided. The physical director is a regular member of the faculty.

Teachers' Bureau.

The college maintains a reliable teachers' bureau as a means of communication between graduates and superintendents and school boards desiring competent

teachers. Graduates will not be recommended to positions for which they do not give good evidence of fitness. This service is given without charge. Those desiring to make inquiry in regard to teachers should address The Teachers' Bureau, Macalester College, St. Paul, Minn.

Publications.

The following publications are issued from the college:

The College Catalogue, which is one number of

The Macalester College Bulletin, a quarterly 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.

The Macalester Graduate, published monthly, except in July, August and September, by the Macalester College Alumni Association.

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	3.00	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 on college and seven and a half dollars on school tuition.

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

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

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

The above concession, 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.

Room rents for all college buildings and board at Wallace Hall are to be paid in advance each month of 28 days. Otherwise rooms must be vacated.

Wallace Hall for Women

Board per week, each person.....\$4.00

Room rent per week, each person.....\$1.25 to \$2.00

Eutrophian Hall for Men

Room rent per week, each person.....\$1.00

Men's Dormitory

Room rent per week—corner rooms.....\$1.00

Room rent per week—inner rooms..... .75

For each person.

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

Men students board at Edwards, Eutrophian, Euthenian and Uta Ota Clubs, or in private families. Board costs on an average 50 cents a day or \$3.25 to \$4.00 a week.

Room rents in private families per month, \$4.00 and up.

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), mat-

tresses, 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.

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.

COLLEGE OF LIBERAL ARTS.

The *men of experiment* are like ants—they only collect and use.

The *reasoners* resemble spiders, who make cobwebs out of their own substance.

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

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

—*Francis Bacon.*

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. At least two credits must be secured each year.

(2) 6 credits in English 1.

(3) 6 credits in Social and Political Science and History.

(4) 5 credits in Mental Science 1.

—
33 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 Science.

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 Science.

Each freshman must select one of the following courses:

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

In the first semester of the freshman year registration is limited to sixteen 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. | 6. Mathematics and Astronomy. |

GROUP III.

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

A major consists of 20 credits in one department.

For B. A. degree, the major must be from group 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.

The following courses are not counted toward a major or minor: Chemistry 1, German 1 and 2, Greek 1A and 2A. In biology and physics students must present one year of high school work in order to begin a major or minor. Other requirements eliminate the following: English 1, Mental Science 1; Social and Political Science 1 and 3; Bible, all required courses.

No change in course of study is allowed without the consent of the instructor involved and adviser.

A student is classified conditionally as follows: freshman, on presenting $13\frac{1}{2}$ units of high school work; sophomore, on removing one unit of entrance conditions and obtaining 24 credits; junior, on removing all entrance conditions and obtaining 54 credits; senior, on obtaining 90 credits. All conditions must be removed by the end of the first semester of the senior 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.

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

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

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.

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 Departments.

Preparation for the Study of Medicine.—The courses in Biology and in Chemistry furnish excellent preparation for those who intend to study medicine.

Preparation for the Study of Law.—The courses in Social and Political Science, Argumentation and Constitutional History offer preparation for the study of law. Students desiring to study law, find excellent opportunity of doing so in evening classes at the St. Paul Law School.

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. Courses are now offered in laboratory shopwork and the teaching of manual training. These courses afford prospective teachers of science or manual training an opportunity for practical experience.

Preparation for the Christian Ministry.—The Bible training department and the electives in Greek Testament, Philosophy, Ethics and History offer a course well adapted to those who have the gospel ministry in view. Those, too, who are preparing to be missionary teachers will find in the wide range of Bible study pursued in the college an indispensable and very attractive adjunct to their course.

Senior Electives in Professional Schools.—Students intending to study for some profession, who are obliged to shorten their course in preparation, may in the fol-

lowing 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 Matriculation Committee. 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 filled out by the principal of the high school or academy in which their courses were taken, and mailed by him to the Registrar, by the eighth of September.

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 the following ten units:

English 3

Latin 4

Algebra $1\frac{1}{2}$

Geometry $1\frac{1}{2}$

also of the following, enough to aggregate five units:

History 1 or 2

German 1 or 2

Greek 1 or 2

French 1 or 2

Chemistry 1

Botany $\frac{1}{2}$ or 1

Physics 1

Civics $\frac{1}{2}$

Physiology $\frac{1}{2}$ or 1

Zoology $\frac{1}{2}$ or 1

Physical Geography $\frac{1}{2}$ or 1

Manual Training $\frac{1}{2}$ or 1

Those wishing to take the B. S. degree are advised to present nine units in the following subjects:

Mathematics 3

English 4

German 2

Physics or Chemistry 1

also of the following, enough to aggregate six units:

Botany $\frac{1}{2}$ or 1

History $\frac{1}{2}$, 1 or $1\frac{1}{2}$

Zoology $\frac{1}{2}$

French 1 or 2

Manual Training $\frac{1}{2}$

Physiology $\frac{1}{2}$

Greek 1 or 2

Physical Geography $\frac{1}{2}$ or 1

German 1 or 2

Civics $\frac{1}{2}$

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.

Student Advisers.—Six members of the faculty have been appointed by the Board of Trustees as Student Advisers. To one of these six professors each 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. He 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 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. These advisers are Professors Wallace in Religious Work, Anderson in Education and English, Funk in History and Political Science, Alexander in Professional and Technical vocations, Burgess in Ancient and Modern Language, Jones in Physical and Biologic Science.

Departments.

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, expression, 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 viewpoint of the gospel writers. By discriminating discussion of the teachings of Christ and a realistic presentation of the facts and incidents of his life an effort is made to deepen personal faith in Christ as the Savior of men and to bring the student into appreciation of Jesus as the master teacher of all time. Required, freshmen, 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 critical 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.

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. Not offered 1913-1914.

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.

4. **Animal Histology.**—A course in minute anatomy, including methods used in permanent and temporary preparations of the various mammalian tissues. Prerequisite, course 2. First semester, one lecture and five laboratory hours a week, three credits.

5. **Animal Embryology.**—A study of the embryonic development of the chick. Prerequisite, courses 2 and 4. Second semester, one lecture and five laboratory hours a week, three 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, and approval of the instructor. 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 and approval of the instructor. 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. 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 and English Composition.**—The aim of this course is to ground the students in the fundamentals

of good English style, and to develop in them the power of effective writing and speaking. Texts used will be Woolley's Handbook of Composition and Wendell's English Composition. Several representative works of literature will be read outside of class. The main work of the course will be the writing of daily and fortnightly themes. Required, freshmen, 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. Not offered 1913-1914.

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. Not offered 1913-1914.

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.

10. **Anglo Saxon, Beowulf.**—Prerequisite, courses 1 and 3. Second semester, three hours a week. Alternate for course 6.

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 and Debate.**—This is a practice course in debating. The fundamentals of the theory of debating as presented in the works of Foster and Thomas will be the basis of the course but the mastery of these fundamentals must be shown in actual debating. Those desiring a more thorough study of the laws of logic are urged to precede this course with Mental Science 2, which, although not a prerequisite is a valuable preparation for this course. First semester, two hours a week, two credits.

13. **Short-Story Writing.**—This course is designed for those desiring further training in narrative writing. It is open only to those who have shown special aptitude for writing in English 1. A large number of short stories will be studied and analyzed. Attention will be given to the gathering of material, the study of character types and the development of plot-germs. Four

original short stories will be written by each student and criticised by the class. Texts used for constant reference will be Cooper's *Craftsmanship of Writing*, Pitkin's *Short Story Writing* and Esenwein's *Study of the Short Story*. Second semester, two hours a week, two credits.

14. Debating: Advanced Course.—Open to those on the intercollegiate debating squad. The question for intercollegiate debate studied and briefed, and practice debates held. The chief work of the course will be research work on the part of the individual members of the squad. One semester, two hours a week, two 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.—Physical presentations of emotions including facial expression, gestures and attitudes. Platform work and original presentations. Prerequisite, course 1. One year, two hours a week, four credits.

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

FRENCH.

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.

1. **Elementary.**—Grammar, a study of the elements of the language, drill from vocabulary, syntax, easy readings from several authors, memorizing of poems, composition. One year, four hours a week, eight credits.

2. Intermediate.—Grammar reviewed, readings from Bacon, Mosher, Stern and others, Schiller's Wilhelm Tell, Die Glocke, Goethe's Egmont or others, memorizing from Wilhelm Tell and Die Glocke, conversation, composition. Prerequisite, course 1. One year, four hours a week, eight credits.

3. Classic Drama.—Goethe, Schiller, Lessing. Conversation and composition. Prerequisite, courses 1 and 2 or equivalent. One year, four hours a week, eight credits.

4. Romantic School and Modern Drama.—Selections from Schlegel, Tieck, Hauptmann, Sudermann and others. Prerequisite, course 3. First semester, three hours a week, three credits.

5. Modern Prose.—Scheffel's Ekkehard and selections from various modern authors, scientific German. Prerequisite, course 3, or equivalent. Second semester, three hours a week, three credits.

6. Narrative Poetry.—Hermann und Dorothea, Scheffel's Trompeter von Sakkingen, conversation and composition. Prerequisite, courses 1 and 2 or equivalent. First semester, three hours a week, three credits.

7. Lyric Poetry and the Modern Novel.—Selections from the leading authors, history of literature, lectures, essays. Prerequisite, course 3 or equivalent. Second semester, three hours a week, three credits.

8. History of German Literature and selections for reading from Luther, Heine, Kant and others. Prerequisite, course 3 or equivalent. First semester, three hours a week, three credits.

9. Teachers' Course.—Readings from different authors of the classical period, drill in grammar, syntax, word formation, composition. The second semester is devoted to a survey of the development of the German language as based on Benhagel's Deutsche Sprache, grammar, composition. Prerequisite, course

3 or equivalent. One year, two hours a week, four credits.

10. Middle High German.—Grammar of Middle High German, the Nibelungen Lied. Prerequisite, course 3 or equivalent. Second semester, three hours a week, three credits.

11. Goethe.—Faust. Conversation. Prerequisite, course 3 or equivalent. First semester, three hours a week, three credits.

GREEK.

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 accident and syntax of the Ionic dialect. Second semester, four hours a week, four credits.

3. Athenian Orators.—Selected orations of Lysias and Demosthenes. Theme work on Isaeus, Isocrates and others. Athenian legal procedure. Prerequisite, course 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.

Course 1 is offered every year and is required of all who major in history. The other courses are alter-

nated in such a way that three of them are taught each year.

1. **Early European History and the Middle Ages.**—From 31 B. C. to 1300 A. D. A suitable text-book, sources, and documents form the basis of the work, supplemented by collateral reading and topical reports. One year, 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 text-books are: Gardener'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, three hours a week, six credits.

3. **The Renaissance And The Reformation.**—This course covers the period from 1300 to 1648. The greater part of the first semester is devoted to the Renaissance and the remainder of the year is given to the Reformation. Topical reports and a thesis are required. One year, three hours a week, six credits.

4. **The French Revolution.**—In this course the causes bringing about the fall of the Bourbons, the revolution proper, and the Napoleonic era are studied. First semester, three hours a week, three credits. Not offered 1913-1914.

5. **American History.**—From the adoption of the constitution to 1850. First semester, three hours a week, three credits.

6. **American History.**—From 1850 to the present time. Second semester, three hours a week, three credits.

7. **American Colonial History.**—Beginning with the earliest settlements in the colonies this course aims to trace the development of those institutions and forces which led to American independence. It also includes a study of the making of the constitution and

its adoption. One year, three hours a week, six credits. Not offered 1913-1914.

8. **The Westward Movement.**—This is a study of the westward extension of the United States and of the economic and political development resulting from this expansion. Prerequisite, course 7. One year, three hours a week, six credits. Not offered 1913-1914.

9. **Modern European History.**—From 1815 to the present time. Special attention is devoted to the establishment of constitutional governments and the industrial evolution of this period. Second semester, three hours a week, three credits. Not offered 1913-1914.

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. Not offered 1913-1914.

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. Not offered 1913-1914.

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. One year, 2 hours a week, four 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.**—Cicero, *De Senectute*; Livy, selections from books I., XXI., and XXII.; Pliny's *Letters*. In this course the aim is to fix the student's knowledge of grammatical forms and syntax, and, by constant drill and prose composition, to familiarize him 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.**—(a) First Semester: Horace, *Odes*, *Epodes*, *Satires* and *Epistles*. A thorough knowledge of forms and syntax is presupposed. Much time is spent on literary content and style. A thorough study is made of the life of Horace, his 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 Early Empire.

(b) Second Semester: *Annals* of Tacitus or some other prose work, illustrative of the language, character of thought, social and political conditions of the Silver Age. Juvenal's *Satires*; private life of the Romans. Prerequisite, course 1. One year, three hours a week, six credits.

3. **The Latin Drama.**—Terence, Plautus, The Senecan Tragedies. A study of representative plays with lectures and topical work on the sources and treatment of material, the social conditions, the theatre, actors and spectators. First semester, three hours a week, three credits.

4. **Roman Philosophy.**—(a) Lucretius and Epicurean philosophy. This course consists of the reading

and interpretation of the text of Lucretius with a study of his philosophy and its sources. (b) Cicero.—The New Academy. (c) Seneca.—Stoicism. A study of the dialogues of Seneca and a survey of Stoicism in Rome. One year, three hours a week, six credits.

5. **Letters of Cicero.**—A course for those intending to teach Latin. In addition to the translation of selections from the Letters, collateral work will be assigned to familiarize the student with the life of Cicero, social and political conditions under the Republic. One semester, two hours a week, two credits.

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

7. **Teachers' Course.**—This course is designed to prepare students to teach the Latin of secondary schools; to make the student thoroughly familiar with grammar of the language. To secure by practice the ability to give idiomatic translations of Latin authors; to familiarize the student with the political and social conditions of the Roman Empire. Students in this course will be required to teach classes in Baldwin School occasionally under the instructor's supervision. One year, three hours a week, six credits.

8. **Roman Elegiac Poetry.**—Selections from Catullus, Tibullus, Propertius and Ovid with a study of the rise, development and characteristics of Roman elegiac poetry. One semester, three hours a week, three credits.

9. **Roman Law.**—This course consists of translation of the text of the Institutes of Justinian and a study of Morey's Outlines. One semester, two hours a week, two credits.

Prerequisite for courses 3 to 9, courses 1 and 2, or course 1 completed with a grade of 90.

10. **Roman Archaeology.**—A course of illustrated lectures with frequent quizzes covering the following subjects: Roman building materials, architectural styles and terms, Rome and the Campagna, Roman forum, temples, theatres, ampitheatres, circuses, thermae, arches and tombs. Open to juniors and seniors. No knowledge of Latin is required. One year, one hour a week, two credits.

MATHEMATICS AND ASTRONOMY.

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

2. **Trigonometry and Analytic Geometry.**—An attempt is made to give the student a clear understanding of trigonometric functions, development of formulae and their application to the solution of problems, plane and spherical. This is followed by a brief course in analytic geometry, sufficient for elementary courses in physics and astronomy. Second semester, four hours a week, four credits.

3. **Analytic Geometry.**—This is a continuation of course 2. Equations of straight lines, and the principal curves and their tangents are discussed by both rectilinear and polar co-ordinates. Prerequisite, course 2. First semester, 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.

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

Courses 5, 6, 7 and 8 are not offered 1913-1914. Course 9 is offered only in second semester 1913-1914.

THE MENTAL SCIENCES AND PHILOSOPHY.

1. Psychology.—An introductory course covering the main features of normal human psychology:

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

(2) A survey of the more prominent aspects of the conscious life. This part opens with a synopsis of the nervous mechanism and is followed by a consideration of the sensations, perceptions, affections, memories, judgments, etc. The work is carried on by means of text-book, collateral readings, lectures, observations by the student, and experiment. Required in all courses. Prerequisite, 32 credits. First semester, five hours a week, five credits.

1A. Advanced Psychology.—A course designed to study more exhaustively certain problems suggested in course 1, 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 childhood and adolescence; and, finally, the bearing of the science upon education, business and professional life are studied. Prerequisite, course 1. Students, not hav-

ing course 1, 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.

2. Logic and Scientific Method.—A course in logic, deductive and inductive. Special attention is given to logical definition and division, and their application in literary work, 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. Open to students having 40 credits. Second semester, three hours a week, three 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. Open to students who have completed course 1 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 on the approval of the

instructor. First semester, three hours a week, three credits.

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.

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. Not offered 1913-1914.

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. Open on the same terms as course 4. Second semester, three hours a week, three credits. Not offered 1913-1914.

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.

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 electricity, giving the student an opportunity to familiarize himself with electrical measuring instruments. The work in light includes measurements with the photometer, spectrometer, and interferometer. Prerequisite,

course 2. One year, six hours a week, eight credits. Not offered 1913-1914.

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 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. Not offered 1913-1914.

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.

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. Not offered 1913-1914.

6. International Law.—A brief course in the outlines 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. Not offered 1913-1914.

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. Not offered 1913-1914.

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, two hours a week, two 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, 1913-1914.

	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 Greek 2A Latin 2 Mathematics 3 Shop 1	Biology 3 English 8 Expression 1A Expression 1B French 2 German 4 History 1 Philosophy 1A Soc. & Pol. Sci. 2	Bible 1A Expression 3 History 7 Mathematics 8 Physics 1*	English 1B Home Making 3 Latin 3 Physics 2*
Tuesday	Bible 3 Bible 5 Chemistry 5 French 1 German 1 Greek 1	Chemistry 1B English 1A Expression 2 German 2 Mathematics 1 Philosophy 1 Physics 2	Bible 4 Chemistry 1A English 2 History 3 Latin 1 Mathematics 3 Philosophy 4 Shop 3	Biology 3 English 8 Expression 1B German 9 History 1 Philosophy 1A Physics 1	English 9 Greek 1A Mathematics 8 Shop 3	Biology 1* Education 1 English 7 German 3 Latin 3 Latin 7 Shop 1* Shop 3*
Wednesday	Bible 12 French 1 German 1 Greek 1 Soc. & Pol. Sci. 1	Bible 2B German 2 Greek 9 Mathematics 1 Philosophy 1	English 2 Geology Greek 2A Latin 1 Soc. & Pol. Sci. 2	Biology 1 Chemistry 3 Education 3 English 4 Expression 1A German 9 Latin 2	Bible 1B English 9 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 Philosophy 1	Chemistry 1A Geology Greek 2A History 3 Latin 1 Mathematics 3 Philosophy 4	Biology 1 Chemistry 1B English 8 Expression 1B French 2 German 4 History 1 Philosophy 1A	Bible 1A English 9 Greek 1A History 7 Latin 2 Mathematics 8	Education 1 English 7
Friday	French 1 German 1 Greek 1 Soc. & Pol. Sci. 1	English 1A Expression 2 German 2 Mathematics 1 Philosophy 1 Physics 2	Bible 4 Chemistry 2 English 2 Geology Greek 2A History 3 Latin 1 Philosophy 4	Biology 3 Education 3 Expression 1A French 2 German 4 History 1 Soc. & Pol. Sci. 2	Bible 1B Expression 3 Greek 1A Latin 3 Physics 1*	Biology 1* English 1B English 4 French 3 Latin 7 Latin 7 Physics 2*

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, 1913-1914.
Class Hours Begin as Follows:

Subject	Monday	Tuesday	Wednesday	Thursday	Friday
Bible 1, Sec. A.....	1:20		1:20	1:20	
Bible 1, Sec. B.....					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	8:00	
Biology 1.....		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 1, Sec. B.....		9:00		11:20	
Chemistry 2.....					10:20
Chemistry 3.....			11:20		
Chemistry 5.....		8:00		9:00	
Education 1.....		2:20	2:20	2:20	
Education 3.....			11:20		11:20
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 7.....		2:20		2:20	
English 8.....	11:20	11:20		11:20	
English 9.....		1:20	1:20	1:20	
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.....		9:00	9:00	9:00	9:00
German 3.....	9:00	2:20	2:20	8:00	
German 4.....	11:20			11:20	11:20
German 9.....		11:20	11:20		
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.....			9:00	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 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	9:00
Philosophy 1A.....	11:20	11:20		11:20	
Philosophy 4.....		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*
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. 2.....	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.

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.

CHARLES BREMICKER, A. B.
German.

HENRY DANIEL FUNK, A. M.
History.

GLENN CLARK, A. M.
English.

LILY ISABEL LEWIS.
German.

MARY PAULINE PAYNE, B. S.
Mathematics and English.

General Information.

HISTORICAL SKETCH.

Baldwin School.

The Preparatory Department of Macalester College is known as "Baldwin School." It was founded by Rev. E. D. Neill in 1853, thirty-two years before the opening of the college, and named after Mr. M. M. Baldwin of Philadelphia. This gentleman had contributed liberally toward the development of Christian education in the Northwest and contemplated the establishment of a university which should bear his name. A charter for such an institution was obtained in 1864, providing also that the preparatory department should be called "Baldwin Grammar School." Mr. Baldwin's untimely death made impossible the establishment of the proposed university. In 1874 the founder of "Baldwin School" obtained a bequest for a college from Mr. Charles Macalester. In appreciation of this gift the charter for "Baldwin University" was revised, the institution being named "Macalester College," and it was further provided "that the preparatory department of said Macalester College shall be known as the Baldwin School." From 1885 to 1890 the catalogues of the college omitted the legal title of "Baldwin School" in describing its courses, referring to it only as the "Preparatory Department." The founder of the School having directed the attention of the Board of Trustees to this omission, the Board ordered that in subsequent catalogues the academy be designated as "Baldwin

School." This request was observed during the next four years. Then the description of the preparatory department appears under the caption: "Macalester Classical Academy." As this name had been adopted without any change in the charter legalizing it the Board of Trustees in 1910 again directed the restoration of the original and charter name of the academy, "Baldwin School." That name it now bears.

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 will be admitted on presentation of certificate of completion of the eighth grade, or on passing examinations in subjects equivalent. 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 Margaret Douglass Downing.

Synopsis of Courses of Study.

Freshman Year.			Sophomore Year.			
	1st Sem.	2nd Sem.		1st Sem.	2nd Sem.	
Bible	..	(2)	Bible	(2)	..	
English	(5)	(3)	English	(3)	(5)	
Latin	(5)	(5)	Latin	(5)	(5)	
Mathematics	(5)	(5)	History	(5)	(5)	
Phys. Geography	} elect one (5)	(5)	Mathematics	(5)	(5)	
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			(5)	(5)	(5)	(5)
German } one						
Mathematics			..	..	(4)	(4)
Mathematics	} elect one	(4)	(4)	(4)	..	..
Chemistry						
Biology						
Manual Training	} elect one	..	..	..	(4)	(4)
Chemistry						
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			(5)	(5)	(5)	(5)
German } one						
Physics	} elect two	..	..	..	(4)	(4)
Chemistry						
Biology						
Manual Training	} elect one (4)	(4)	(4)	(4)	..	..
Physics						
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.

Description of Course.

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 recent 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. Freshman, first semester, five hours a week; second semester, three hours a week.

Rhetoric.—The first semester is given to the study of the general principles of unity, coherence and emphasis, with their application to the sentence, paragraph and complete discourse. The second semester is devoted to the study of vocabulary, diction, letter-writing and the forms of discourse. Frequent compositions, written and oral are required. Parallel with the study of rhetoric and composition, readings and studies in literature are carried. 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. The text is Long'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.—Spanhoofd's Elementar-Buch der Deutschen Sprache. A study of the elements of the language, drill in forms, syntax, easy reading and writing. Junior, five hours a week.

Second Year.—Review of grammar, readings from Mosher, Bacon, Schiller, Goethe and others, memorizing of parts from Schiller and Goethe, composition. 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. Not offered 1913-1914.

Botany.—A short course, including text-book, laboratory, and field work. Junior or senior, second semester, four hours a week. Not offered 1913-1914.

Zoology.—Text-book and laboratory work on type forms. Junior or senior, one year, four hours a week.

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, 1913-1914.

	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, 1913-1914.**

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, 1906-1913. Soloist and Director of chorus choir, same church, 1913—. Director and Instructor in Voice Culture, Macalester College, 1895—. Residence, Minneapolis, 3117 Humboldt Ave. S. N. W. Colfax 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 5258.

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.

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.

THEODORE F. MEIER,

Instructor in violin.

Leader of College Band and Orchestra. Residence, 419 Iglehart Ave., St. Paul. Tri-State 5165.

JENNIE STANLEY HODGMAN,

Lecturer in History of Fine Arts.

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

Course of Study.

The School of Music offers a thorough course of instruction in Voice, Piano, Organ, Violin and other stringed instruments; also a theoretical course including Harmony, Counterpoint, Composition, Musical History and Analysis. In each branch of musical study a systematic course, leading to graduation, will be pursued. Time required for completion varies, averaging three years, length of course depending on the pupil's ability and intelligent devotion to work.

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, 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 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. Completion of the eighth grade is required for entrance.

Teacher's Certificate.—Teachers' certificates will be given to all pupils who have completed the junior year

in full to the satisfaction of their individual teachers; along with two units of English, besides the 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. Further, graduates must have completed the equivalent of eight units of the course of the Baldwin School including two units of English, in addition to the 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 work in college or School.

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

Voice Culture.

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

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

First Year.—The method book, called "Voice and Song," is a compilation of all that is best in former treatises. It sets forth in a clear, logical and uncommonly practical manner the principles of singing, and has the most satisfying directions for instruction and practice. The material in this book, with vocalises by Sieber, Concone, and the study of songs, ballads by Larsen, Greig, Buck, Gounod and others, makes the first year's work complete.

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

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

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

Pianoforte.

Individual instruction is given and the regular course calls for one hour's instruction per week, divided into two lessons of thirty minutes each. Where but one lesson a week is taken, the lesson will be 45 minutes in length. In preparatory work, it is advisable to take one-hour lessons, instead of two half-hours per week.

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

First Year.—Czerny, Velocity Studies, Bertini, Loeschorn, Heller, etc. Bach—Little Preludes and Fugues. Sonatinas and easy Sonatas.

Second Year.—Czerny Op. 740, Cramer-Bulow, 50

Selected Studies, Heller, MacDowell, etc. Bach—Two or Three Part Inventions. French Suites. Sonatas of Mozart, Haydn and Beethoven.

Third Year.—Clementi, Tausig, Gradus ad Parnasum, Czerny Op. 740, Chopin Etudes, Kullak Octave School, Bach's Forty-eight Preludes and Fugues, Sonatas of Beethoven, Repertoire from Classical and Modern composers.

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

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

Pipe Organ.

Before beginning the study of the Pipe Organ, the student should have had at least one year's instruction on the piano and should have a thorough knowledge of the rudiments of music. The Director of the Department is organist of two leading churches in St. Paul, St. John's Episcopal and Mount Zion Hebrew Temple, at each of which places he has the use of a fine, large, modern organ for teaching and practice of pupils. Many of the younger organists in St. Paul are, or have been, pupils of Mr. Fairclough. The Temple, which possesses one of the largest three manual organs in St. Paul, and on which most of the lessons are given, is only ten minutes' ride by street car from the College.

Public School Music.

Miss Kay was for four years a supervisor of public school music and is thoroughly conversant with the most approved methods now in use.

One of the greatest inducements offered is the chance to visit different schools, and there get an idea of the practical side of the work, as given in all the grades of the St. Paul and Minneapolis schools.

There is a steady and constantly increasing growth in the demand for competent men and women thoroughly equipped for the teaching and supervising of music in public and private schools. There is, however, a corresponding advance in the preparation required, and it is no longer possible for one, however musical, to do satisfactory work without special training along well defined and systematic lines. This training is not only essential, but is demanded by superintendents and boards of education when employing teachers of public school music.

All students in public school music who are preparing to teach this branch will be required to take an examination in voice in order to receive a certificate, given by the Music Teachers' Association of Minnesota in their new plan of examining and classifying teachers according to their fitness for such work. School Superintendents will require such certificates from all applicants.

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

All students residing at Wallace Hall will arrange for piano practice at the School of Music.

All pupils must register with the director for any and all branches of music taken.

History of Music.

In the study of the history of music, which is obligatory to all music Pupils, Mathew's Popular History of Music and Fillmore's Lessons in Musical History are used. Students also have access to all of the best and most complete works bearing on the study of the voice and piano.

Sight Reading.

All pupils of vocal music must have at least one year of sight reading, before receiving either a Teach-

er's Certificate or Diploma. The cost of these lessons will be nominal. It is impossible to sing correctly and effectively at all times without an exact and practical knowledge of music and its notations.

The class in Appreciation of Music gives an opportunity for careful analysis of different forms and special works of music, bringing the student into close touch with the best in musical literature.

Classes in Public Performance are helpful in overcoming natural diffidence and nervousness, and in giving that confidence and poise so necessary to the successful player and singer.

Music students are required to take work in the College or Academy to the amount of five hours a week. For this there is no extra charge.

The cost of sheet music for a year is comparatively small, as reduced rates are given the students.

Music as an Elective.

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

Choral Class.

Each year a Chorus is formed for the purpose of studying some sacred cantata or oratorio, which, after thorough preparation, is given in the Westminster Presbyterian Church, Minneapolis, and the House of Hope Presbyterian Church, St. Paul. The benefit of such work is of untold value to everyone, whether music student or not, and is open to all students who

have good voices and wish to become members. The charge will not exceed \$1.50 per year.

Orchestra.

A College Orchestra, composed of students and under the leadership of Theodore F. Meier, is open to all students at a nominal fee of one dollar a year.

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

Musical Advantage of Location.

Because of the situation of Macalester College—between the two cities—exceptional opportunities present themselves to students for hearing the best in the world of music. The musical facilities of the Twin Cities are exceptionally good.

St. Paul and Minneapolis each have a magnificent auditorium and a large symphony orchestra, whose concerts present such artists as Schumann-Heink, Bisham, Chuan, Caruso, Busoni, Scotti, Jomelli, and Mero. Many independent artists of international fame are booked also, such as Dr. Ludwig Wullner, Isadora Duncan with Damrosch's Symphony Orchestra, Madame Marcella Sembrich in song recital, Maud Allan.

In St. Paul concerts are given by the Schubert Club. The Philharmonic mixed chorus of two hundred voices, the Apollo Club of one hundred male voices and

the Thursday Musicale represent the musical activity of Minneapolis.

This year Minneapolis had a short season of Grand Opera given by the Chicago Grand Opera Company. Olive Fremstad, Mary Garden, Jane Osborne-Hannah, Luisa Tetrazzini, Carolina White, Charles Dalmores, Hector Dufranne, Henri Scott, Clarence Whitehill, and others appeared in "Die Walkure," "Lucia di Lammermoor," "Thais," "Jewels of the Madonna," "Le Jongleur de Notre Dame."

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	$\frac{1}{2}$	Sight Reading.....	1	$\frac{1}{2}$
Chorus	1	$\frac{1}{2}$	Chorus	1	$\frac{1}{2}$
Recital	1	$\frac{1}{2}$	Recital	1	$\frac{1}{2}$
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	$\frac{1}{2}$	Sight Reading.....	1	$\frac{1}{2}$
Chorus	1	$\frac{1}{2}$	Chorus	1	$\frac{1}{2}$
Piano	1	1	Piano	1	1
Recital	1	$\frac{1}{2}$	Recital	1	$\frac{1}{2}$
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	2	Harmony 1st Sem... 2	2	2
Theory 2d Sem.....			Theory 2d Sem.....		
History of Music... 1	1	1	History of Music... 1	1	1
Recital	1	$\frac{1}{2}$	Recital	1	$\frac{1}{2}$
Chorus	1	$\frac{1}{2}$	Chorus	1	$\frac{1}{2}$
Ensemble playing. 1		$\frac{1}{2}$	Piano	1	1
German, French or any subject for which prepared.			German, French or any subject for which prepared.		

ORGAN.

Organ	2	2
Theory	2	2
History of Music...	1	1
Recital	1	½
Piano	1	1
Chorus	1	½
Chapel Playing....	1	½
German, French or any subject for which prepared.		

VIOLIN.

Violin	2	2
Theory	2	2
History of Music...	1	1
Recital	1	½
Piano	1	1
Chorus	1	½
Chamber Music....	1	½
French.		

Senior Year.

PIANO.

Piano	2	2
Vocal	1	1
Theory	2	2
Recital	1	½
Ensemble Playing..	1	½
Appreciation	1	½
History of Fine Arts	1	1
Chorus	1	½
Accompanying	1	
Graduating Thesis.		

VOCAL.

Vocal	2	2
Piano	1	1
Theory	2	2
Recital	1	½
Chorus	1	½
Appreciation	1	½
History of Fine Arts	1	1
Italian		
Graduating Thesis.		

ORGAN.

Organ	2	2
Piano	1	1
Vocal	1	1
Recital	1	½
Chorus	1	½
Appreciation	1	½
History of Fine Arts	1	1
Theory	2	2
Graduating Thesis.		

VIOLIN.

Violin	2	2
Piano	1	1
Vocal	1	1
Recital	1	½
Chorus	1	½
Appreciation	1	½
History of Fine Arts	1	1
Theory	2	2
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—Mr. Fairclough:	
Two 30 minute lessons a week.....	50.00
One 45 minute lesson a week.....	39.00
Pipe Organ:	
1 hour lesson per week	50.00
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
Harmony class lessons:	
Two lessons a week.....	12.00
History of Music.....	3.00
History of Fine Arts.....	5.00
Public School Music:	
Class of six	12.00
Class of four	15.00
Class of three	18.00
Class of two	27.00
Sight Reading	3.00
Violin—Mr. Meier:	
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
Cost of Graduation:	
Diploma	5.00
Expense	2.50

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. Charles T. Burnley.....Deceased.
D. D. to Rev. Alfred E. Driscoll.....Ashland, Wis.
D. D. to Rev. William Porter Lee, Macalester '89.....
.....Germantown, Pa.
D. D. to Rev. Harry Clinton Schuler, Macalester '95..
.....Teheran, Persia.
D. D. to Rev. John Hansen Sells, 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.

Alumni.

Alumni Association.

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

The Alumni Association of Macalester College has two purposes in view: to bind into a unit the graduate body and help to preserve and increase the value of the friendships formed in college, and to further the interests of the Alma Mater and make her more widely known. To assist in this work it publishes "The Graduate," a monthly paper devoted to the interests of the alumni, College and students generally. Communications to either "The Graduate" or Alumni Association should be sent to the College.

Officers.

W. P. Kirkwood	President
H. S. Alexander	Vice President
H. D. Funk	Secretary
N. K. Tully	Treasurer.

Roll of Alumni.

Class of 1889.

George Washington Achard Business, Minneapolis, Minn.
 Joseph Wilson Cochran Minister, Philadelphia, Pa.
 Ulysses Grant Evans Minister, Sweetwater, Ill.
 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, Wellsville, Ohio.
 Judson L. Underwood Missionary, Ashland, 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, Brown's Valley, 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, Resht, 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, Warren, Minn.
 Samuel F. Sharp Minister, Exeter, Ontario, Can.

Class of 1897.

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

Class of 1898.

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

Class of 1899.

Hugh S. Alexander..Prof. Macalester College, St. Paul, Minn.
 Walter Baker Augur.....Minister, Jasper, Minn.
 Charles Allen Clark.....Missionary, Seoul, Korea.
 Ralph Elmo Clark.....Minister, Erskine, Alberta, Can.
 Paul Doeltz.....Missionary, Iloilo, Philippine Islands.
 George C. Edson Minister, Hasbrouck Heights, N. J.

Thomas George Jamieson.....Business, Calgary, Can.
 Almira F. Lewis.....Denver, Colo.
 James Murray.....Minister, Othello, Wash.
 Samuel Merton Pinney..Superintendent, Dodge Center, Minn.
 Jacob Elmer Smits.....Deceased.
 George Stanley.....Minister, Bloomington, 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, Ellensburg, Wash.
 Roy Walker Smits.....Deceased.
 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.....Lawyer, 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.....Prof. 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.....Deceased.
 Robert L. Davidson.....Teacher, Kent, Wash.
 Sarah A. Haines.....Seattle, Wash.
 Grace Iddings-Fletcher.....Grand Forks, N. D.
 Leonard L. Mann.....Minister, Ipswich, S. D.
 Francis H. Newton.....Minister, Creston, Wash.
 Winifred R. Pringle-Weber.....Bayfield, Wis.
 Edgar E. Sharp.....Lawyer, Moorhead, Minn.
 Benjamin Bruce Wallace.....
 Instructor, N. W. University, Evanston, Ill.
 Helen Margaret Wallace-Davies.....Chicago, Ill.

Class of 1903.

John Morton Davies.....	Minister, Chicago, Ill.
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.....	St. Paul, Neb.
Robert McMaster Hood.....	Minister, Madera, Cal.
Peter Westin Jacobson.....	Minister, Panora, Iowa.
Raymond Lewis Kilpatrick	Sulzer, Alaska.
Donald Norman MacRae.....	Minister, Glace Bay, Cape Breton, N. S.
Henry Morgan.....	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	Moorhead, Minn.
Peter Arthur Davies.....	Minister, St. Paul, Minn.
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...	Inspector of schools, 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.....	Superintendent, St. Petersburg, Fla.
James Ekin Detweiler.....	Missionary, Yamada, Japan.
James Hamilton.....	Minister, Hebron, Neb.

Roscoe Cliver Higbee.....Prin. of School, St. Paul, Minn.
 Alexander Hood.....Missionary, North Fork, Cal.
 Albert Kuhn.....Prof. Presby. Sem., Dubuque, Iowa.
 Paul H. Th. Rusterholz.....Principal, Red Wing, Minn.
 Ruth Estelle Swasey-Rusterholz.....Red Wing, Minn.
 Gordon Graham Thompson.....Physician, Seattle, Wash.
 Frank Harvey Throop.....Missionary, Soo Chow, China.
 Margaret Turnbull.....Principal, Watertown, S. D.

Class of 1907.

William Harvey Amos.....Minister, Ida Grove, Iowa.
 James Albert Caldwell.....Hannah, N. D.
 Robert W. Davies.....Superintendent, Morris, Minn.
 Josephine Elmer-Ballou.....St. Paul, Minn.
 Marshall Gregory Findley..Prof. Parsons College, Fairfield, Ia.
 Richard David Hughes.....Minister, Cotter, Iowa.
 Martha Antoinette Jacobson.....Teacher, St. Paul, Minn.
 Henrietta Cecelia Lundstrom.....Teacher, Morris, 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, Ellsworth, Wash.
 Mary Pauline Payne..Instr. Macalester College, St. Paul, Minn.
 Minerva Schlichting.....Deceased.
 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, Roslyn, Wash.
 Hanna Sophia Berg.....Teacher, Nymore, Minn.
 Ralph Brinks.....Principal, Wimbledon, N. D.
 Richard Stanley Brown.....Minister, Fairgrove, Mich.
 Edith Frederica Cale.....Deceased.
 Clifford Clement Cornwell.....Minister, Sherman, N. Y.
 Evan Milton Evans.....Newfolden, Minn.
 Rosella Evans.....Le Sueur, Minn.
 James Todd Guy.....Lawyer, Milwaukee, Wis.
 Mary Elizabeth Guy-Wallace.....Lyons, Wis.
 Walter Mell Hobart.....Principal, Buffalo, N. D.
 Lucy MaBelle Hyslop-Flinn.....Redwood Falls, Minn.
 Nina Foy Johnson-Wallace.....Harrison, Ark.
 Margaret Edith Lakey-McDonald.....Chicago, Ill.
 Peter McEwen.....Minister, Earl Park, Ill.
 Luke Edward Marvin.....Eveleth, Minn.
 Martha Bessy Olson-Bromley.....Sitka, Alaska.
 Stanley Hall Roberts.....Minister, Eden Prairie, Minn.
 Lydia Anna Schroedel-Hobart.....Buffalo, N. D.

Clarence Mason Stearns.....Business, Sheldon, Iowa.
Robert Sinclair Wallace..U. S. Forest Service, Harrison, Ark.

Class of 1909.

Emma Bertelle Barker.....Teacher, Slayton, Minn.
Lucas H. Brinks.....Principal, Flandrau, S. D.
Albert Daniel Davies.....Teacher, Dover, Minn.
David Roy Jones.....Minister, Carlinville, Ill.
Lulu Lane Piper-Aiken.....Roslyn, Wash.

Class of 1910.

George Samuel Barclay Acheson.....
Teacher Protestant Coll., Beirut, Syria.
William Jefferson Bell.....Theo. Student, Princeton, N. J.
Joseph Vaclav Beran.....Hibbing, Minn.
Charles Taylor Burnley.....Kansas City, Mo.
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.....Potlatch, Idaho.
William Andrew Horne.....Theo. Student, Chicago, Ill.
Helen Mary Hunt.....Teacher, 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, Pipestone, Minn.
Mildred Gretchen Phillips-Kindy.....St. Paul, Minn.
Minnie Mae Pierson.....Minnewaukan, N. D.
Mary Elsie Raymond-Muhr.....Eugene, Ore.
Gladys Isabelle Roberts.....Teacher, Grand Rapids, Minn.
Jeannette Paulina Sawyer-Guild.....St. Paul, Minn.
Frederick Samuel Shimian....Theo. Student, Omaha, Neb.
Elmer Stuart Smith.....Law Student, So. St. Paul, Minn.
Elizabeth Libby Staples.....St. Paul, Minn.
Vernon Elliott Stenerson...Law Student, Minneapolis, Minn.
Anna Elizabeth Taylor.....Teacher, Faribault, Minn.
Norman Kendall Tully.....Y. M. C. A., St. Paul, Minn.
Ruth Minerva von Dorn-Gammons.....San Anselmo, Cal.
June Adelia Woodward.....Teacher, Slayton, Minn.

Class of 1911.

William Ernest Baskerville.....Y. M. C. A., Omaha, Neb.
Charles Bremicker..Prof. Macalester College, St. Paul, Minn.
Allan Hill Brown.....Milwaukee, Wis.
Homer Clyde Cardle.....Business, Winnipeg, Can.
Fred F. Carson.....Teacher, Grand Rapids, Minn.
Janet Isabella Dodds.....Teacher, Gibbon, 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, Huron, S. D.
 Arthur Billings Hunt.....Midale, Sask.
 Ernest Wilburt Johnson.....Teacher, Larimore, N. D.
 Ina Elizabeth Lindsley.....Marshall, Minn.
 Anna Mae Little-Johnson.....Larimore, N. D.
 Luella Irene Murphy.....Teacher, Pierpont, S. D.
 William Earls Noyes.....Teacher, Flandrau, S. D.
 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.

Class of 1912.

Anna Elizabeth Anderson.....Teacher, Anoka, Minn.
 Dorothy Elizabeth Baumgart.....Teacher, Austin, Minn.
 Clara Berdan.....Teacher, Mora, Minn.
 James Brinks.....Business, Zillah, Wash.
 Orville Clifton Cardle.....Business, Winnipeg, Can.
 Bessie Florence Clark.....Teacher, Mapleton, Minn.
 Mabel Emma Cosgrove.....Teacher, Pipestone, Minn.
 Elva May Davis.....Teacher, Kenyon, Minn.
 Louise Lombard Davison.....Madison, S. D.
 Jessie Ellen Fisher-Thomas.....Omaha, Neb.
 Clarence Oscar Graue.....Brimson, Minn.
 Lilah Agnes Holden.....Teacher, Hudson, Wis.
 Florence Hunt.....Teacher, St. Paul, Minn.
 Earl Duane Jenckes.....Tribune, Minneapolis, Minn.
 Clarence Eugene Johnson.....Wayland, Minn.
 Marion Burdick Jones.....Teacher, Sanborn, Minn.
 Ruth Anna McKinlay.....Teacher, Silver Lake, Minn.
 Clarice Audrey Miller.....Teacher, Preston, Minn.
 Pearl Margueritte Palmer.....Madison, S. D.
 John Gottfried Schmidt.....Teacher, Ashland, Neb.
 William Ellison Scott.....Teacher, Kasson, Minn.
 Ella A. Stearns.....Teacher, McIntosh, Minn.
 Edna Alda Stewart.....Teacher, Rushford, Minn.
 Cassie Marie Stoddart.....North St. Paul, Minn.
 Oakley Russell Tripp.....Y. M. C. A., Minneapolis, Minn.
 Oscar Westerlund.....Theo. Student, Rochester, N. Y.
 Murlle Faye Wheeler.....Teacher, Zumbrota, Minn.
 Harry Merrium Willmert.....St. Paul, Minn.
 Ralph Calvin Wilson.....Teacher, Luverne, 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.....Ida Grove, Iowa.

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.....Red Wing, Minn.

Class of 1907.

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

Class of 1908.

Ethel Erckenbrack-Funk, voice.....Minneapolis, 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.....Madella, 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 Heger, voice.....	St. Paul, Minn.

Class of 1912.

Genevieve M. Carver.....	Luverne, Minn.
Ethel Wilcox.....	Mankato, Minn.
Lottie M. Olson.....	Argyle, Minn.
Alice R. Olson.....	Fargo, N. D.
Louise Appel.....	Springfield, Minn.
Erna Appel.....	Springfield, Minn.

Roll of Students.

COLLEGE.

Senior Class.

Enoch Newman Bengtson.....	Rush, City, Minn.
Ragna Leonora Bye.....	St. Paul, Minn.
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.
Emma Joy Frederick.....	Rockford, Minn.
William Henry Wallace Holley.....	East Grand Forks, Minn.
Berenice Antoinette Kellogg.....	St. Paul, Minn.
Robert Lloyd Lang.....	Mapleton, Minn.
Del Leslie Laughlin.....	Lisbon, N. D.
Grace Eloise McClure.....	Litchfield, Minn.
Joseph Robert Neller.....	Austin, Minn.
Norton Walter Peet.....	Wolverton, Minn.
William Conkey Phillips.....	Eastberg, Alberta.
Edith Beatrice Pierson.....	Minnewaukan, N. D.
Ruth Lynn Porter.....	Madison, S. D.
Adeline Marie Rosebrock.....	Owatonna, Minn.
Mabel Josephine Scott.....	Dawson, Minn.
Ray Simons.....	Virginia, Minn.
James Merton Snyder.....	Fulda, Minn.
Marie Ellen Thomas.....	Minneapolis, Minn.
Lucius Harlow Watkins.....	Carlton, Minn.
Katie Lillian White.....	Claremont, Minn.
Vera May Zimbeck.....	Montevideo, Minn.

Junior Class.

Oscar Enoch Alm.....	Winthrop, Minn.
Carrie Ellen Alvord.....	Washburn, Wis.
Richard Harlow Anderson.....	Donnelly, Minn.
Wallace Jay Anderson.....	Eden Prairie, Minn.
Harold Harvey Baldwin.....	Milnor, N. D.
Hosea Greenwood Bosley.....	St. Paul, Minn.
Ruby Bredenhagen.....	St. Paul, Minn.
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.
Gerald Curtis Dale.....	Madison, Minn.
Margaret MacGregor Doty.....	St. Paul, Minn.
Leslie Lisle Druley.....	Prescott, Wis.
Vera Margery Dunlap	St. Paul, Minn.
Lloyd Gilmore.....	Hope, N. D.
Nell Greeley.....	Minneapolis, Minn.
Burton Patriquine Holt	Whitman, Mass.
Constance Pearl Johnson	St. Paul, Minn.
Alice Louise Lindsley	Marshall, Minn.
Mable Mohr	Buffalo, N. D.
Evelyn Pickthorn	Brown's Valley, Minn.
Helen Maria Prosser	Duluth, Minn.
Harold Percy Roberts	Minneapolis, Minn.
Gertrude Gray Smith	St. Paul, Minn.
Ole F. Strand	Towner, N. D.
Helen Antonia Stratte	Dawson, Minn.
Selma Ovidia Stratte	Dawson, Minn.
Florence Adell Switzer.....	Two Harbors, Minn.
Charles Albert Thomas	Brown's Valley, Minn.
Della Ann Trotter	Dawson, Minn.

Sophomore Class.

Clark Albin Abrahamson	Towner, N. D.
Paul Benjamin Bremicker	St. Paul, Minn.
Olive Margaret Brown	Pipestone, Minn.
Margaret Buckbee	Minneapolis, Minn.
Mary Reid Cardle	Blue Earth, Minn.
Etta Marie Cinclair	Montevideo, Minn.
Edward Maurice Clark	Eden Prairie, Minn.
Lucile Dahl	Bismarck, N. D.
William Albert Dalton	Birmingham, England.
Marie Eleanor de Booy	Elk River, Minn.
Edwin Gustaf Englund	Hallock, Minn.
Ruth Marie Featherstone	Hastings, Minn.
Eunice Geer Finch	Slayton, Minn.
Alice Julia Flinn.....	St. Paul, Minn.
Edith Almeda Haigh	St. Paul, Minn.
Urban Homer Hanson	Ashland, Wis.
John Leslie Harvey	Banbridge, Ireland.
Hillard Herman Holm	Carver, Minn.
May Lucile Kingsland	St. Paul, Minn.
Charles Louis Lick	St. Paul, Minn.
Edward Everett McCabe	St. Paul, Minn.
Christine McMartin	Claremont, Minn.
Harold James Matteson	Duluth, Minn.
Russell Briston Melin	Red Wing, Minn.
Erwin Herbert Metag	Morgan, Minn.
Erling Monnes	Vancouver, Wash.
Esther May Neller	Austin, Minn.

Emily Helen Payne	St. Paul, Minn.
John Paul Peterson	Moorhead, Minn.
Jessie Winifred Porter	St. Paul, Minn.
Llewellyn Demi Porter	Dassel, Minn.
Madge Porter	Madison, S. D.
Frieda Jeannette Radosch	St. Paul Park, Minn.
Ralph Woods Ross	Calvin, N. D.
Plato Earl Sargent.....	Red Wing, Minn.
Herbert Harrison Sell	Cloquet, Minn.
Ruth Virden Slagg	Pipestone, Minn.
Henry Frank Softley	Colchester, England.
Smith Taylor	Towner, N. D.
Elmer Trolander	Albion, 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.
Dorothy Lee Womack	Minneapolis, Minn.

Freshman Class.

Wilburt Fred Bagley	St. Paul, Minn.
Albert Christopher Barbo	St. Paul, Minn.
Mabel Borg	Redwood Falls, Minn.
John Franklin Boyles	Sioux Falls, S. D.
Adalbert Ferdinand Bremicker.....	St. Paul, Minn.
Grace Emily Brown	St. Paul, Minn.
Lucia Rebecka Brown	St. Paul, Minn.
Beryl Alberta Brownlee	Blue Earth, Minn.
Gordon Lyman Brownlee.....	Blue Earth, Minn.
Karl William Buckholz	Sanborn, Minn.
Rex Henry Burger	Sioux Falls, S. D.
Josephine Byrnes	Minneapolis, Minn.
Harriet Martha Caldwell	Monango, N. D.
William Lloyd Caldwell	Monango, N. D.
Howard Eugene Cammack	St. Paul, Minn.
Alice Blanche Carlson	St. Paul, Minn.
Ellen Mary Chase	Minneapolis, Minn.
George Rowland Collins	Wahalla, N. D.
Luella Clara Conley	Williston, N. D.
Marguerite Edna Cottrell	Luverne, Minn.
Francis Marion Dana	St. Paul, Minn.
Margaret Defiel	St. Paul, Minn.
Hortense Alpha De Tuncq	St. Paul, Minn.
Josephine Dixon	Warren, Minn.
Marion Ellen Dolan	St. Paul, Minn.
Margaret Douglass Downing	St. Paul, Minn.
Edmund Smith Durment, Jr.	St. Paul, Minn.
Gwendolyn Lotimer Eastman	St. Paul, Minn.
Verna Pearl Fenstermaker	Beaver Creek, Minn.

Emanuel Ossian Franklin	Pennock, Minn.
Donna Louise Geddes	St. Paul, Minn.
James Parker Gordon	Little Falls, Minn.
Lloyd Walter Green	Carlton, Minn.
William Taber Greig	St. Paul, Minn.
Helen Charlotte Gullikson	Blue Earth, Minn.
Vergil Homer Guthrie	Newton, Iowa.
Ruby Alberta Headley	Two Harbors, Minn.
Carl Forest Hillweg	Minneapolis, Minn.
James Kidd Hilyard	St. Paul, Minn.
Ralph Edward Hubbard	St. Paul, Minn.
Howard Huelster	St. Paul, Minn.
Vincent Raymond Hunt	Bricelyn, Minn.
Constance Darling Hunter	Langdon, N. D.
Bertha Mamie Hurr	Shakopee, Minn.
Floyd Dennis Hynes	Carlton, Minn.
Louis Iverson	Badger, Minn.
Emil Henry Jensen	Glenwood, Minn.
William Watson Kane	St. Paul, Minn.
Gordon Lewis Keeley	Hudson, Wis.
Christopher Leo Kenny	St. Paul, Minn.
Fred Joseph Kenny	St. Paul, Minn.
Glenn Dale Lacey	Litchfield, Minn.
Thomas Kees Laird	Oakland, Minn.
John Archie Lawler	Rochester, Minn.
Catharine Deaver Lealtad	St. Paul, Minn.
Clarence Ervin Lee	Walhalla, N. D.
John Harry Lewis Jr.	St. Paul, Minn.
David Nathanael Ling	Kerkhoven, Minn.
Lillian Beatrice Luckert	St. Paul, Minn.
Harriet J. McAllister	Slayton, Minn.
John Thomas McCallum	St. Paul, Minn.
Jessie Elizabeth McClure	Litchfield, Minn.
Emily Lois McConkey	Brewster, Minn.
Kidwell Ritenour MacKnight	St. Paul, Minn.
Angus James McLaughlin	Blue Earth, Minn.
Ivy Fern Mack	St. Paul, Minn.
Loana Miriam Miller	St. Paul, Minn.
Mabel Griffiths Montgomery	Oriska, N. D.
John Moody	Minneapolis, Minn.
Samuel Minnis Munson	Withee, Wis.
Carl Oscar Nelson	Minneapolis, Minn.
Conrad Arthur Nelson	Glenville, Minn.
Lyle Thomas Olcott	St. Croix Falls, Wis.
Adolf Olson	St. Paul, Minn.
Alice Mabel Olson	St. Paul, Minn.
Lewis Olson	Aurora, Ill.
Herbert Comstock Otis	St. Paul, Minn.
Victor Sigurd Pearson	St. Paul, Minn.
Dan Elmer Peterson	Colton, S. D.

Sadie Louise Porter	Dassel, Minn.
Theron Libby Rank	Dover, Minn.
Howard Johnson Rankin	St. Paul, Minn.
Morris Roberts	St. Paul, Minn.
Lillian Sutherland Robinson	St. Paul, Minn.
Walter Nelson Rowley	Rochester, Minn.
Elsie Mabel Salisbury	Montevideo, Minn.
Samuel Gottlieb Schiek	Grant Park, Ill.
Zylpha Laurretta Sharpe	St. Paul, Minn.
John Lyman Sheean	Cloquet, Minn.
Florence Victoria Slawik	St. Paul, Minn.
Justus Eugene Smith	Minneapolis, Minn.
Edith Louise Speckman	St. Paul, Minn.
Helen Stanley	Minneapolis, Minn.
Alice Emma Stearns	Jasper, Minn.
Minnie Olina Stone.....	Dassel, Minn.
William McIntyre Stronach	Delhi, Minn.
William Summerfield	Cloquet, Minn.
Ellen Elizabeth Swanson	Gladstone, Minn.
Fred Maxwell Switzer	Two Harbors, Minn.
Fay Lex Taylor	Towner, N. D.
Vera Marie Utter	St. Paul, Minn.
William Liston Walker	Stephen, Minn.
Marie Siloam Watkins	Carlton, Minn.
Irving Howard Williams	Winona, Minn.
Sidney Williams	Flint, Mich.
Allen Clement Wolff	Hector, Minn.

Special Students.

Anna Merita Armstrong	Cloquet, Minn.
Daisy A. Christensen	Madelia, Minn.
Hazel Gertrude Clark	Mankato, Minn.
Mildred Annëtta Dossett	Madelia, Minn.
Tilda Alvina Ferring	Lamberton, Minn.
Alice Elvira Larson	Alexandria, Minn.
Erma Violet Pierson	Minnewaukan, N. D.
Hazel Louisa Roche	Farmington, Minn.
Ethel May Stewart	St. Paul, Minn.
Marjorie May Sweeney	Red Wing, Minn.
Mary Frances Symonds	Wendell, Minn.
Stella Alice Tuttle	Hastings, Minn.
Hermia Gazelle Viets	Fairmount, N. D.
Margaret Jane Williams	Minneapolis, Minn.
Amelia Wolf	Nerstrand, Minn.
Vernie Henrietta Wolfsberg	St. Paul, Minn.
Agnes Valerian Wunderlich	Faribault, Minn.
Gladys Ruth Ziesemer	St. Paul, Minn.

Baldwin School.

Senior Class.

Arthur Glenn Adams	Minneapolis, Minn.
Theodore Emil Anderson	St. James, Minn.
Lucy McRae Bosley	Coburg, Mont.
Adalbert Ferdinand Bremicker	St. Paul, Minn.
Charlotte Agatha Burlington	St. Paul, Minn.
Carroll Clayton Chase	St. Paul, Minn.
Katharine Currie Davies	St. Paul, Minn.
Luther Barwise Harrison	St. Paul, Minn.
Milton Boyce Hebeisen	Carver, Minn.
Swan William Mattson	Kensington, Minn.
Helen Minerva Moore	Minneapolis, Minn.
Ethel Grace O'Neale	Calvin, N. D.
Ernest Alonzo Sletteland	Pigeon Falls, Wis.
Miriam Winifred Wallace	St. Paul, Minn.
Glendon Sidney Welshons	Stillwater, Minn.
Dorothy Yetter	Stephen, Minn.

Junior Class.

Alta Marion Bean	St. Paul, Minn.
Everett Franklin Bosley	Harlem, Mont.
Henrietta Brawley	St. Paul, Minn.
Henry Wheeler Chase	Minneapolis, Minn.
Vida Lucinda Clow	Humboldt, Minn.
Frances Dunning	St. Paul, Minn.
Ernest Ellis	Harlem, Mont.
James Wentworth Freeman	St. Paul, Minn.
Robert Francis Gale	Carver, Minn.
Laura Ella Griffith	St. Paul, Minn.
Mary Hitchcox	St. Paul, Minn.
Frank Orville Holmes	St. Paul, Minn.
George Arthur Jensen	Glenwood, Minn.
Ernest Lindahl	Minneapolis, Minn.
Thomas Seward Lovering	St. Paul, Minn.
Daniel Wallace McCaul	Walhalla, N. D.
Wendell Scott McRae	St. Paul, Minn.
Ruth Ludlow Moore	Minneapolis, Minn.
William Riley	St. Paul, Minn.
Kate Carrie Young	St. Paul, Minn.

Sophomore Class.

Richard Hunter Bennett	St. Paul, Minn.
Ernest Frederick Bremmer	St. Paul, Minn.
Alice Rowe Brown	St. Paul, Minn.

Elmo Frederick Brusch	St. Paul, Minn.
Edith Henrietta Cesander	St. Paul, Minn.
Erling Johan Eriksen	Two Harbors, Minn.
Raymond Kirk Gooch	St. Paul, Minn.
Wallace Sumner Hall	St. Paul, Minn.
Lucile Janet Harrison	St. Paul, Minn.
Ira Easton Hurley	Walhalla, N. D.
John Macfarlane Johnson	St. Paul, Minn.
Irvin Adin Lowry	Oakland, Minn.
Andrew McGinley	St. Paul, Minn.
Helen Willina McRae	St. Paul, Minn.
Ruth Cleone Parsons	St. Paul, Minn.
Alfred Melvin Peterson	Richville, Minn.
Kathryn Powers	St. Paul, Minn.
Alice Burgoyne Spencer	St. Paul, Minn.
David Leonard Strand	Morgan, Minn.
Arnold John Swanson	Moose Lake, Minn.
Lewis James Symonds	Wendell, Minn.
Fremont David Taylor	Aitkin, Minn.
Thomas Edward Waddelow	Fairfield, Ill.
Margaret Thompson Walters	St. Paul, Minn.
Fred Augustus Waterous	St. Paul, Minn.
Fridolf Lawrence Westholm	Moose Lake, Minn.

Freshman Class.

Mary Pittenger Blakeslee	St. Paul, Minn.
Ralph Bernhard Bremmer	St. Paul, Minn.
Gladys Grace Carlson	St. Paul, Minn.
Elton Kellogg Crowell	Minneapolis, Minn.
Thomas Rolla Crowell	Minneapolis, Minn.
Florence Anne Defiel	St. Paul, Minn.
Muriel Emily Carr Eastman	St. Paul, Minn.
John Lewis Ferry	Outlook, Sask.
Roy Gardner Foote	St. Paul, Minn.
Martha Gray Freeman	St. Paul, Minn.
Victor Karl Funk	St. Paul, Minn.
George Peter Gordon	Odanah, Wis.
Walter Chris Hanson	Hammond, Wis.
Jeannette L. Headley	Two Harbors, Minn.
Helen Gertrude Kearns	St. Paul, Minn.
Margaret McLeod	St. Paul, Minn.
Norman Mellbye	Sherburne, Minn.
Robert Hugh Owen	Minneapolis, Minn.
Norma Edith Reed	Burr Oak, Iowa.
Henry Jacob Soltau	Lester Prairie, Minn.
Roy Andrew Stougaard	St. Paul, Minn.
Frank Edmond Trolander	Albion, Minn.
Albert Edward Wardle	Sandstone, Minn.

Special Students.

Pearl Lucretia Fox	Comfrey, Minn.
Marjorie Marie Fuller	St. Paul, Minn.
Mae Appelman Gifford	Elkader, Iowa.
Ruby Alberta Headley	Two Harbors, Minn.
Amy Jane Kingston	Armstrong, Iowa.
Lillian McRae	Lee, Mont.
Aziz Nofel	Tripoli, Syria.
Melvin Melington Oppegard	Madison, Minn.
Geneva Pearl Samson	St. Paul, Minn.
Clarence John Vokoun	St. Paul, Minn.
Harry Ellis Weinberg	Duluth, Minn.
Bertha Esther Williams	Minneapolis, Minn.

Summary of Students.

College	212
College Specials	18
Baldwin School	85
Baldwin School Specials	12
Total	327
Counted Twice	2
Net, Total	325

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