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# MACALESTER COLLEGE BULLETIN



CATALOGUE NUMBER

APRIL 1911

VOLUME VII

NUMBER 4





CIRCULATING COPY



MEN'S DORMITORY.

MAIN BUILDING.



CATALOGUE OF

Macalester College

Baldwin School

(Preparatory)

AND

School of Music

—  
1910-1911

SAINT PAUL, MINNESOTA

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

# College Calendar.

1911-1912.

- May 13. Saturday, Senior Vacation begins.  
 June 1. Thursday, 8:15 p. m., Class-Day Exercises, Baldwin School.  
 June 2. Friday, 8:15 p. m., Commencement, Baldwin School.  
 June 3. Saturday, 8:15 p. m., Senior Class Play.  
 June 4. Sunday, 10:30 a. m., Baccalaureate Sermon.  
 June 4. Sunday, 8 p. m., Alumni and Christian Associations' Sermon.  
 June 5. Monday, 8:15 p. m., Recital, School of Music.  
 June 6. Tuesday, 10 a. m., Class Day Exercises.  
 June 6. Tuesday, 1:30 p. m., Annual Meeting of Board of Trustees.  
 June 6. Tuesday, 8:15 p. m., Senior Class Play. Second Rendition.  
 June 7. Wednesday, 10 a. m., Twenty-third Annual Commencement.  
 June 7. Wednesday, 1:15 p. m., Alumni Banquet.  
 June 7. Wednesday, 8 p. m., President's Reception.  
 Sept. 11-13. Monday-Wednesday, Registration Days.  
 Sept. 13. Wednesday, 10:30 a. m., First Semester begins.  
 Nov. 30-Dec. 1. Thursday, Friday, Thanksgiving Recess.  
 Dec. 20. Wednesday, 4:20 p. m., Christmas Vacation begins.

1912.

- Jan. 3. Wednesday, 8:10 a. m., Christmas Vacation ends.  
 Jan. 29-Feb. 2. Monday-Friday, Examinations and Registration.  
 Feb. 2. Friday, First Semester ends.  
 Feb. 6. Tuesday, 8:10 a. m., Second Semester begins.  
 Feb. 22. Thursday, Washington's Birthday.  
 April 3. Wednesday, 4:20 p. m., Easter Vacation begins.  
 April 10. Wednesday, 8:10 a. m., Easter Vacation ends.  
 June 12. Wednesday, Second Semester ends.



# Board of Trustees.

## Officers of the Board.

THOS. SHAW .....	President
R. A. KIRK.....	Vice-President
B. H. SCHRIBER.....	Secretary
C. E. MACKEAN .....	Treasurer

## Trustees.

### TERMS EXPIRE JUNE, 1911.

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, 1912.

REV. H. C. SWEARINGEN, D. D.....	St. Paul, Minn.
R. A. KIRK.....	St. Paul, Minn.
REV. JOHN E. BUSHNELL, D. D.....	Minneapolis, Minn.
*REV. A. B. MARSHALL, D. D.....	Minneapolis, Minn.
FREDERICK WEYERHAEUSER.....	St. Paul, Minn.

### 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.
P. L. HOWE.....	Minneapolis, Minn.

T. MOREY HODGMAN, ex-officio..... St. Paul, Minn.

\*Resigned. To take effect June, 1911.

## Committees of the Board.

### Executive Committee.

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

### Committee on Endowment.

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T. M. HODGMAN.	THOS. SHAW.
GEO. D. DAYTON.	G. W. WISHARD.
R. C. JEFFERSON.	

### Committee on Instruction.

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

### Committee on Property.

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

### Finance Committee.

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

### Auditing Committee.

B. H. SCHRIBER,	G. W. WISHARD,	A. B. MARSHALL.
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### Committee on Commencement.

H. C. SWEARINGEN,	B. H. SCHRIBER,	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 to 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., LL. 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 to 1886. Student in Greece, 1875-1876. Greek Language and Literature, Macalester College, 1887 to 1906. President, Macalester College, 1894 to 1906. Leave of absence, 1907-1909. Professor of Bible, 1909—.

Residence, 1628 Laurel Ave.

ANDREW WORK ANDERSON, A. M., Dean,

Professor of Philosophy and Education.

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

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

DAVID NEWTON KINGERY, A. M., Registrar,

Professor of Mathematics and Astronomy.

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

Residence, 135 Amherst Ave.

JULIA MacFARLANE JOHNSON, A. M.,

Dean of Women,

Professor of English Literature and Old English.

Graduate of Mt. Holyoke, 1885. Student, University of Pennsylvania, 1887 and 1888. Student, University of Cincinnati, 1889 and 1890. A. M., University of Minnesota, 1905. Professor of Latin Language and Literature in Coates College, 1890 to 1893. Graduate student, University of Minnesota, 1905—. English Literature and Old English, Macalester College, 1897—.

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

## HENRY DANIEL FUNK, A. M.\*

Professor of History.

Student Dubuque (Ia.) German Theological Seminary, 1891 to 1897. A. B., Macalester College, 1901. A. M., University of Minnesota, 1903. Harvard Summer School 1903. Graduate student, University of Minnesota 1904—. German Language and Literature, Macalester College, 1901—.

## RICHARD URIAH JONES, A. B.,

Professor of Chemistry.

A. B., Macalester College, 1901. Graduate student, University of Minnesota, 1901 to 1902. Graduate student, University of Chicago, Summer Quarters, 1908 and 1909. Instructor in Mathematics and Physics, Macalester Classical Academy, 1901 to 1903. Chemistry and Physics, Macalester College, 1903 to 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 to 1906. Physics, Macalester College 1906—. Residence, 1596 Summit Ave.

## JOHN PORTER HALL, A. B.,

Professor of Greek and Principal of Baldwin School.

A. B., Princeton University, 1897. Adj. Professor of Greek, Macalester College, 1897 to 1903. Instructor in Greek, Princeton University, 1903 to 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, N. Y., 1886. Graduate Student Yale University, Conn., 1888 to 1890. Ph. D., (Yale) 1891. Professor Macalester College, 1892 to 1899. D. D., Macalester College, 1901. Student College de France, Paris, 1899 to 1901. Pastor, 1901 to 1907. Professor Macalester College, 1907—. Residence, 2268 Blake Ave. N. W. Midway 1152.

## FREDERICK GIBBS AXTELL, A. M.,

Librarian. Associate Professor of Bibliography.

A. B., 1888, Wesleyan University, Conn., A. M., 1891. Graduate student in long semester, 1901-02, University of Berlin. Graduate student in Summer Quarter, 1905, University of Chicago. Librarian Macalester College, 1902—. Associate Professor of Bibliography, 1909—.

Residence, 68 So. Snelling Ave.

\*On leave of absence 1910-1911.



**WILLIAM HENRY KLOSE, Ph. D.,**

Associate Professor of Modern Languages.

A. B., Roanoke College, 1886. B. D., Yale University, 1889. M. L., University of Minnesota, 1899. Ph. D., State University of Iowa, 1906. Instructor, German, Washington University, 1907-1908. Professor of Modern Languages, William and Vashti College, 1908-1909. Associate Professor of Modern Languages, Macalester College, 1909—.

Residence, 1236 Selby Ave.

**FRANKLIN WATERS PLUMMER, A. B.,**

Associate Professor of Biology. Physical Director for Men.

A. B., Wabash College, 1908. Graduate student in University of Minnesota, 1908-9. Instructor, Macalester College, 1908-10. Associate Professor of Biology, 1910—.

Residence, 1736 Princeton Ave.

**HAROLD OMER BURGESS, A. B.,**

Associate Professor of Latin Language and Literature.

A. B., Wabash College, 1908. Graduate student University of Minnesota, 1911. Principal New Market, Ind., High School, 1905-7. Principal, Remington, Ind., High School, 1908-9. Superintendent, Remington, Ind., School, 1909-10. Associate Professor of Latin Language and Literature, Macalester College, 1910—.

Residence, 196 Vernon Ave.

**GRACE BEE WHITRIDGE,**

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

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

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

**REV. FARQUHAR DAVID McRAE, Ph. D., D. D.,**

Instructor in Apologetics and History. Student Pastor.

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

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

**MAY GIBSON, A. B.,**

Latin.

University of Minnesota, A. B. 1905. 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.

**LILY ISABEL LEWIS,**

Instructor in French.

Student, Munich, Germany, 1891-4. Student, Ecole Superiure Lausanne, Switzerland, 1895-6. Student, Ecole Normale Lausanne, Switzerland, 1896-7. Teacher Foreign Languages, Minneapolis School of Music, Oratory and Dramatic Art, 1909-10. Teacher French and Music, Eleanor Miller School, St. Paul, 1909-10. Instructor in French, Macalester College, 1910—.

Residence, 191 Macalester Ave. N. W. Midway 1084.

**FRANK DICKEY SCOTT, A. B.,**

Instructor in English and Argumentation.

A. B., Waynesburg College, 1910. Graduate student University of Minnesota, 1910—, Instructor in English and Argumentation, Macalester College, 1910—.

Residence, 196 Vernon Ave.

**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—.

**Committees of the Faculty.****Rules and Discipline.**

THE PRESIDENT  
A. W. ANDERSON

J. P. HALL  
JULIA M. JOHNSON

**Curriculum.**

R. U. JONES  
A. W. ANDERSON

JAMES WALLACE  
H. S. ALEXANDER

**Library and Reading Room.**

F. G. AXTEL  
A. W. ANDERSON  
W. H. KLOSE

JAMES WALLACE  
F. D. SCOTT  
MAY GIBSON

**Gymnasium and Athletics.**

F. W. PLUMMER  
H. S. ALEXANDER

R. U. JONES  
GRACE B. WHITRIDGE

H. O. BURGESS

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THE PRESIDENT  
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J. P. HALL  
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**Publications.**

D. N. KINGERY  
F. D. SCOTT

J. P. HALL  
THE PRESIDENT

**Matriculation.**

THE PRESIDENT  
D. N. KINGERY

J. P. HALL  
A. W. ANDERSON

**Religious Work.**

F. D. McRAE  
G. W. DAVIS  
ADVISORY MEMBERS:

JAMES WALLACE  
JULIA M. JOHNSON

DR. J. E. BUSHNELL      DR. H. C. SWEARINGEN.

**Dormitory.**

THE PRESIDENT  
JULIA M. JOHNSON

H. S. ALEXANDER  
W. H. KLOSE

**Supervision of Buildings.**

R. U. JONES  
H. S. ALEXANDER

THE PRESIDENT  
S. M. COOKMAN

**Teachers' Bureau.**

D. N. KINGERY  
JAMES WALLACE

R. U. JONES  
H. O. BURGESS

**College Council.**

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D. N. KINGERY

A. W. ANDERSON  
GRACE B. WHITRIDGE

LELAND W. PORTER ..... Senior Representative  
OAKLEY R. TRIPP ..... Junior Representative  
J. MERTON SNYDER ..... Sophomore Representative  
LLOYD GILMORE ..... Freshman Representative  
EMILY H. PAYNE ..... Academy Representative  
JOHN T. McCALLUM ..... Academy Representative

**Other Officials.**

Housekeeper of Wallace Hall.....MISS ALICE M. CLOUGH  
Steward of Edwards Hall .....LLOYD GILMORE  
Steward of Eutrophian Hall.....E. W. JOHNSON  
Steward of Uta Ota Club.....O. M. ELLISON  
Head Engineer .....SAMUEL M. COOKMAN  
Carpenter, Assistant Engineer.....H. E. OLSON  
Assistant Engineer, Wallace Hall .....G. O. CHASE  
Assistant Engineers, Main Building.....DEL LAUGHLIN  
J. M. SNYDER  
Head Janitor .....H. G. BOSLEY



## General Information.

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### 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, graduated from Amherst in 1842. After completing his theological studies under Rev. Albert Barnes, he came west, and in 1849, commissioned by the presbytery of Galena, Ill., came to St. Paul as a missionary to the whites. Thereafter until his death (except during the civil war) he devoted his time about equally to the work of the Christian minister and to that of an educator. He was the first territorial superintendent of public instruction and the first chancellor of the state university. He is the author of Neill's History of Minnesota, and also of two volumes of valuable historical monographs. He died Sept. 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, Union and others. The purpose, therefore, in the minds of these men was to build up in the Northwest an institution after the noble character and aims of these institutions whence they came. This was their ideal.

From the beginning Macalester College was burdened with debt, and although, under the leadership of Dr. James Wallace and Rev. David C. Platter, financial secretary, this debt was considerably reduced, yet, on account of the hard times of the nineties, it had, by June 1898, risen to \$180,000. Again, under Dr. Wallace's administration, with the energetic assistance of Robert A. Kirk, Thos. Shaw, and Rufus C. Jefferson,

the board was reorganized, the debt liquidated, and efforts for a permanent endowment begun. By February 1907, pledges had been made amounting to about \$175,000.

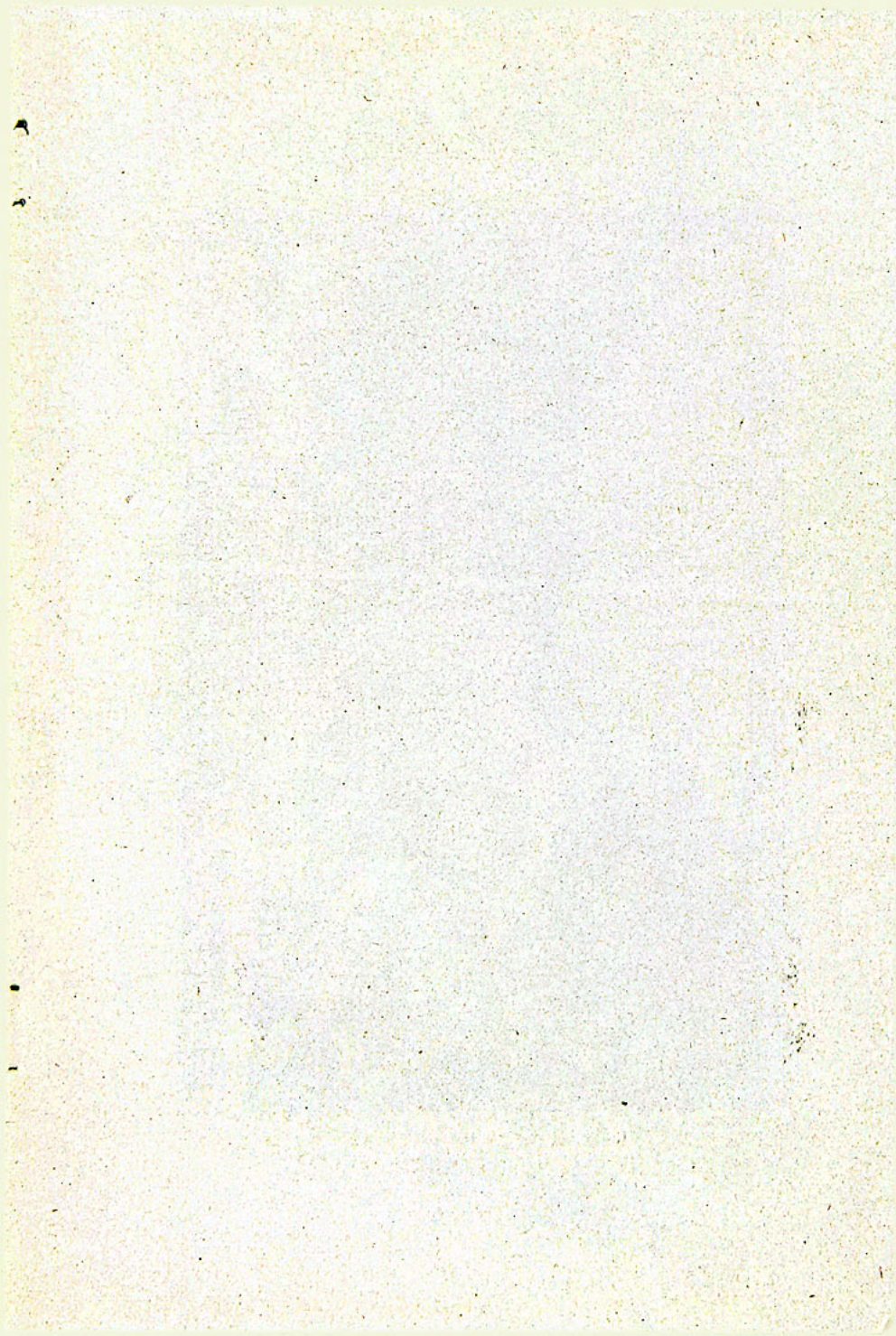
Dr. James Wallace resigned the presidency June, 1906, and in January, 1907, Thomas Morey Hodgman of the University of Nebraska was elected president. By June, 1909, a fund of \$450,000 had been pledged all of which except \$25,000 has now been paid and invested in buildings or securities. Of this total, \$150,000 has been expended in Wallace Hall and Carnegie Science Hall and \$300,000 has been set aside for endowment. The chief gifts to this fund were \$75,000 from the General Education Board, \$50,000 from Hon. Andrew Carnegie, \$50,000 from Mr. James J. Hill, \$50,000 from Mr. Frederick Weyerhaeuser and over \$100,000 from the Trustees. The debt of gratitude which church and college owe those who clung to the institution and who came to its help in the dark days—many of them are still members of the Board of Trustees—is not yet fully appreciated and can never be repaid. The patience, devoted loyalty and heroic sacrifices wrested a great victory out of apparent defeat.

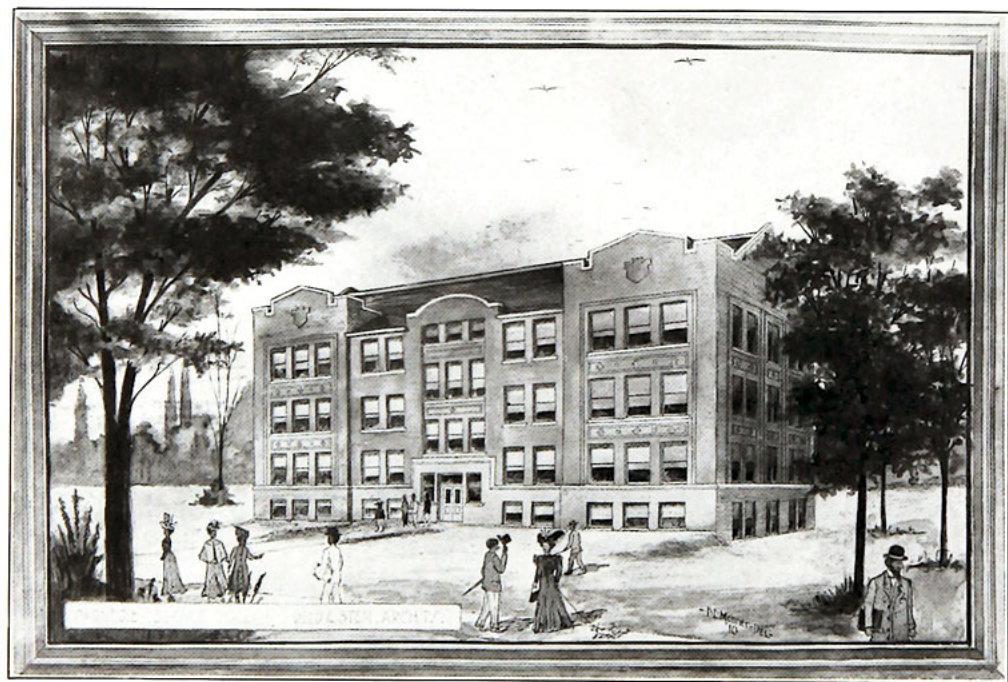
Macalester College celebrated its quarter centennial June, 1910 with impressive ceremonies. By direction of the Board of Trustees and at the expense of the College, a History of Macalester College was published by Professor Henry D. Funk.

### Location.

Macalester College is located in Macalester Park, a beautiful suburb in the so-called Midway district, between the Twin Cities of Minneapolis and Saint Paul. Although this district is now experiencing a rapid growth and is destined to be the choice residential section of these cities, the College is still away from the distractions and temptations of city life. There are







CARNEGIE SCIENCE HALL.



no saloons or other places of temptation in the vicinity. The location is favorable for study, for the development of a pure and wholesome college life, and for careful supervision of the conduct of students. Easy access to these cities, however, is afforded by the Grand Avenue and Snelling Avenue electric lines—the latter of which connects with all four interurban electric lines. This combination of college and city life is a unique advantage to Macalester students. The cultural opportunities which the public libraries, churches, lecture courses and musical entertainments of these cities offer, are important and react most beneficially upon both faculty and students.

### Campus.

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

### Buildings and Equipment.

The **Main Building** is of brick, one hundred feet long and fifty feet wide, three stories high with basement, containing class rooms, society halls, men's gymnasium, library, reading room, auditorium and executive office. The building is heated by steam and provided with its own electric light plant.

The **Library** contains about eleven thousand nine hundred volumes, not counting duplicates, most of it classified on the Dewey system. The department of bound periodicals at present contains more than eleven hundred volumes, not counting duplicates, most of it works in Puritan and Colonial history and theology, and in early American travels, together with examples



of fifteenth and sixteenth century printing and valuable autograph letters. For greater security this collection has been removed to the museum room in Science Hall.

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

Sixty-five current periodicals are on file in the Reading Room.

There is set apart each semester, for maintenance of the Library and Reading Room, one dollar of every registration 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. Income from this bequest has been received for the first time—one hundred and fifty dollars.

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

An annual gift of twenty-five dollars from Frank M. Hall, Esq., of Lincoln, Nebraska, has been assigned to the alcove of education.

The alcove of economics receives an equal amount, from Mr. F. A. Hodgman of New York City, in memory of his mother, Mary Hurlbut Hodgman.

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

Annual gifts or permanent funds are desired for other alcoves—especially for political science, natural science and biography.

The Library is conducted on approved modern lines of helpfulness by a trained librarian, who gives his entire time to the work. As associate professor of bibliography, the librarian gives systematic instruction

to the incoming classes in the care and use of books. It is planned to enlarge this instruction in the near future. It is believed that in efficiency this library ranks high among college libraries.

**The Carnegie Science Hall** is a three story building with a full height basement. It is essentially fire proof, being constructed of reinforced concrete and brick. The exterior is of colonial brick with trimmings of Bedford limestone. The floors are of maple over reinforced concrete except those of the halls which are of cement with terrazzo borders. There is a lift from the basement to the attic. 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. 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. Its equipment is described under the various science departments.

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

The building is heated with steam, and lighted with gas. Students must care for their own rooms or arrange with some one to do so.

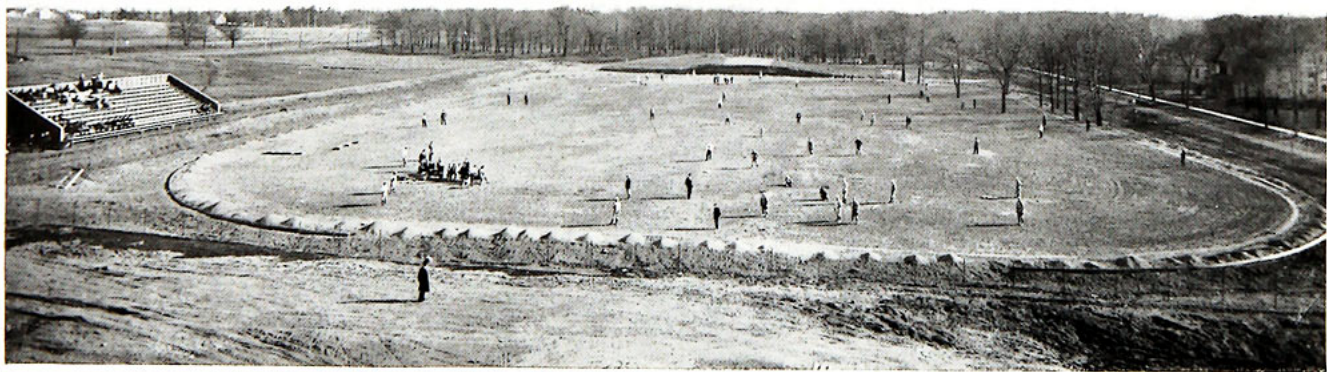
**Wallace Hall** is a new building for women, situated at the corner of Summit and Macalester avenues, 60 by 127 feet, and so arranged that sunlight falls into every room. In addition to the students' rooms there are elegant parlors, a dining room that seats one hundred, and a large gymnasium in the basement. The classes for the physical training of women are held here. It is heated by steam, lighted by electricity, has hot and cold water in every room, shower and tub bath facilities. It accommodates eighty students. The whole building has every modern appointment and is absolutely fireproof. It is believed that no building of its kind west of Chicago can approach it or be compared with it in plan and equipment. Choice of rooms will be given in order of application.

**Edwards Hall** is a substantial three-story dormitory for men, on Macalester Avenue, one block south of the college. It is named after W. C. Edwards, Esq., of St. Paul, through whose liberality it was erected. It furnishes accommodations for twenty-two men, and sets tables for forty. The plain, but excellent accommodations provided in this building and offered at very moderate rates have proved a great boon to students who find it difficult to meet the expenses of a college education. The students in this building form a club and manage the boarding department under a matron and other officers of their own choice, subject to the general supervision of the faculty.

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







SHAW ATHLETIC FIELD.



Brick Dormitory. This building is under student government.

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

**Heat, Light and Power Plant.**—A central plant containing three 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 first of these which is already built is completely inclosed underneath, providing room for the storing of the field equipment and for ticket offices.



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

Shaw Field which was dedicated at the opening of the school year in 1909 was named in honor of Prof. Thomas Shaw, President of the Board of Trustees, on account of his interest and assistance in the athletics of the institution.

The college buildings with their furnishings, laboratory equipment, library, together with the campus, are conservatively valued at \$345,000.

### Administration.

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

Some regulations, however, are necessary, and when students matriculate it is understood that they thereby submit themselves to the government of the college and pledge themselves to support the same while they are members of the institution. They are expected, and, by virtue of their matriculation as students of the institution, are understood to obligate themselves to act as ladies and gentlemen, to be faithful in attendance upon recitations, examinations, daily morning prayers, and Sunday morning service, and to be diligent in preparation of all tasks assigned.

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

The dormitories are organized on the self-government plan under adequate faculty co-operation. A Col-

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

### Religious Activities.

Devotional exercises are held in the college chapel daily at 10 A. M., at which all students are required to be present. These exercises are under the direction of a regularly appointed college chaplain. All students are expected to attend public worship each Sabbath morning. Those living in the dormitories are expected to attend the Macalester Park Presbyterian Church unless excused, for good reason, to worship elsewhere. The pastor of this church is an instructor in the college and, by appointment of the board, also Student Pastor. Each fall, under his direction, a series of special evangelistic meetings are held under joint arrangement between the church and the college. In this church special classes are organized for the students in the Sunday school, and the Christian Endeavor Society is largely composed of students. The Christian Associations of the college are large and active. The Y. M. C. A. has a membership of about forty students. It holds its regular meeting every Tuesday evening with missionary and Bible study classes at regular intervals. A committee of the association is present at the college two or three days before the opening to assist the new students. The President of this Association is F. F. Carson.

The Y. W. C. A. is also large and aggressive, with similar Bible study and missionary classes. The President is Miss Effie Ellison. The Y. W. C. A. and the Hyperion Literary Society occupy a commodious and

handsomely furnished room in the Main Building. In this building also a similarly furnished room is under the joint control of the Athenaeum Society and the Y. M. C. A.

### Literary Societies.

Four literary societies and one debating club are in operation under the general oversight of the faculty. In the college there are the Hyperion and Eulogian societies, admitting to membership both young men and young women; the Athenaeum Debating Club, for young men; the Clonian Society, for young women; and in Baldwin School, the Parthenon, open to all students.

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

**Oratorical Association.**—This association seeks to promote an interest in Oratory. The interests of the college in the state association are under the control of this association. By means of a preliminary contest it selects one member to represent the college at the State oratorical contest. F. F. Carson 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. This year, two preliminary class debates were held, a senior vs. junior debate, a sophomore vs. freshman, and an inter-collegiate debate against St. Olaf College. The inter-collegiate team for 1911 consists of: L. W. Porter, B. W. Heed, E. E. McCabe.

Next year's team or teams will be chosen from the various debates held this year.



## Prizes and Scholarships.

Through the kindness of some of its friends the college is able to announce a number of prizes as follows:

**Noyes Prizes.**—Mrs. D. R. Noyes of St. Paul offers one hundred dollars annually to be given in prizes as the Faculty may direct. The Faculty has apportioned the prizes as follows: To that member of the sophomore class having the highest standing in the first two years of the college course, twenty-five dollars; to that member of the junior class having the highest standing for that year, twenty-five dollars; to that member of the graduating class taking the first honors, fifty dollars. Students competing for these prizes must be without conditions.

Last year the senior prize was awarded to Mildred Gretchen Phillips, the junior to Marjory Hanson and the sophomore to Marion B. Jones.

**Stringer Prize.**—Through Mr. E. C. Stringer of St. Paul, the College is able to offer an annual prize of twenty-five dollars, to be given to that student of the College who, having not less than fourteen recitations a week, takes the first place in the preliminary oratorical contest mentioned above, and represents the college in the state contest. Awarded last year to R. W. Baskerville.

**Mr. James Suydam**, of St. Paul, offers a prize of Ten Dollars to be given to that student who does the best work in any Bible class conducted by Dr. Wallace. Awarded last year to Marie G. Smits.

**Shaw Scholarship.**—Given by Prof. Thomas Shaw of St. Paul, to the nominee of the Central Presbyterian Church of St. Paul, yielding \$50.00 per annum.

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

**Silliman Scholarship.**—Offered by H. B. Silliman, of Cohoes, N. Y., and yielding \$50.00 per annum. Awarded this year to E. W. Johnson.

**High School Scholarships.**—Free tuition for the ensuing year is offered to the young man and young woman who rank highest in the graduating classes of accredited high schools and academies.

### Physical Training and Athletics.

Athletics and careful physical training are encouraged, and three dollars of the registration 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 five 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. A trained coach for gymnasium and field sports for men is provided. The physical director is a regular member of the faculty.

### 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.

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 p. m. Attendance upon these examinations is obligatory.

### Degrees.

Graduates from the Classical course receive the degree of B. A.; those from the Scientific course the degree of B. S.

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

### Teachers' Bureau.

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



teachers. Graduates will not be recommended to positions for which they do not give good evidence of fitness. This service is given without charge. Those 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**, an eight page monthly paper devoted to the advertisement and advancement of the institution.

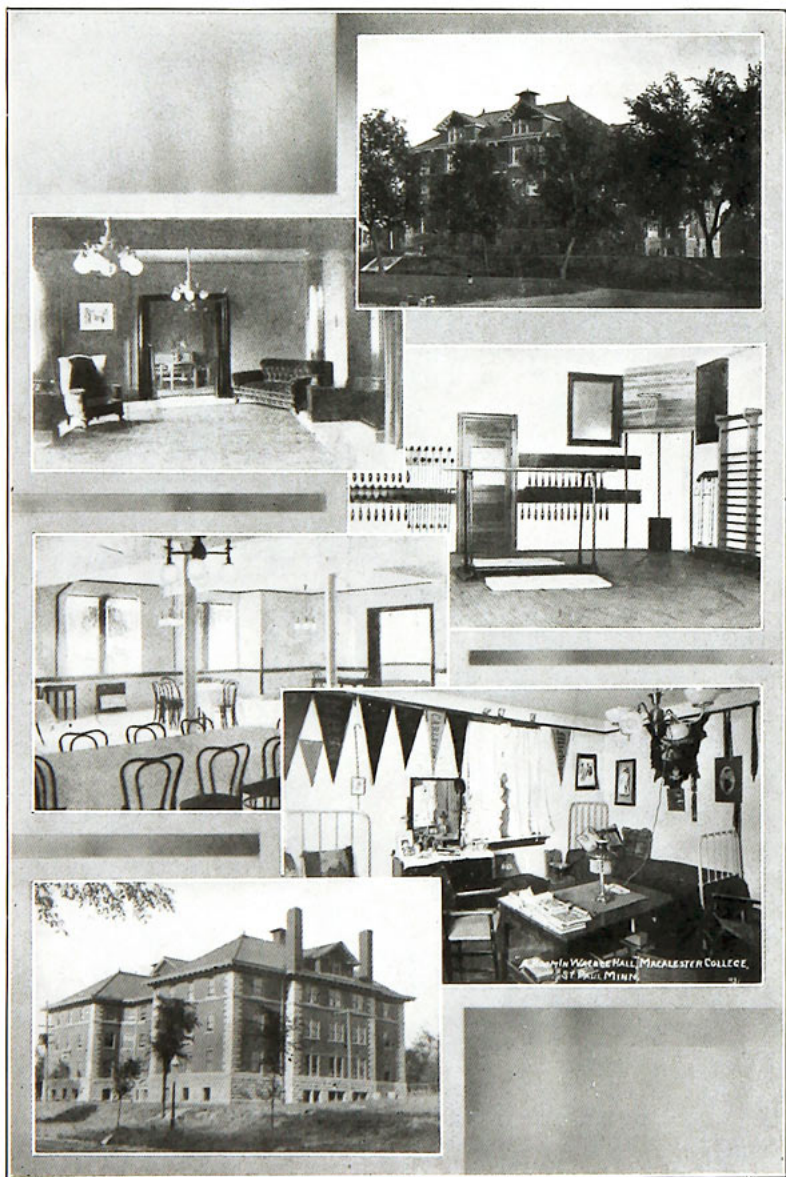
**The Y. M. and Y. W. C. A. Handbook**, a booklet full of information for new students, and a veritable vade mecum for all.

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

### Self-Support.

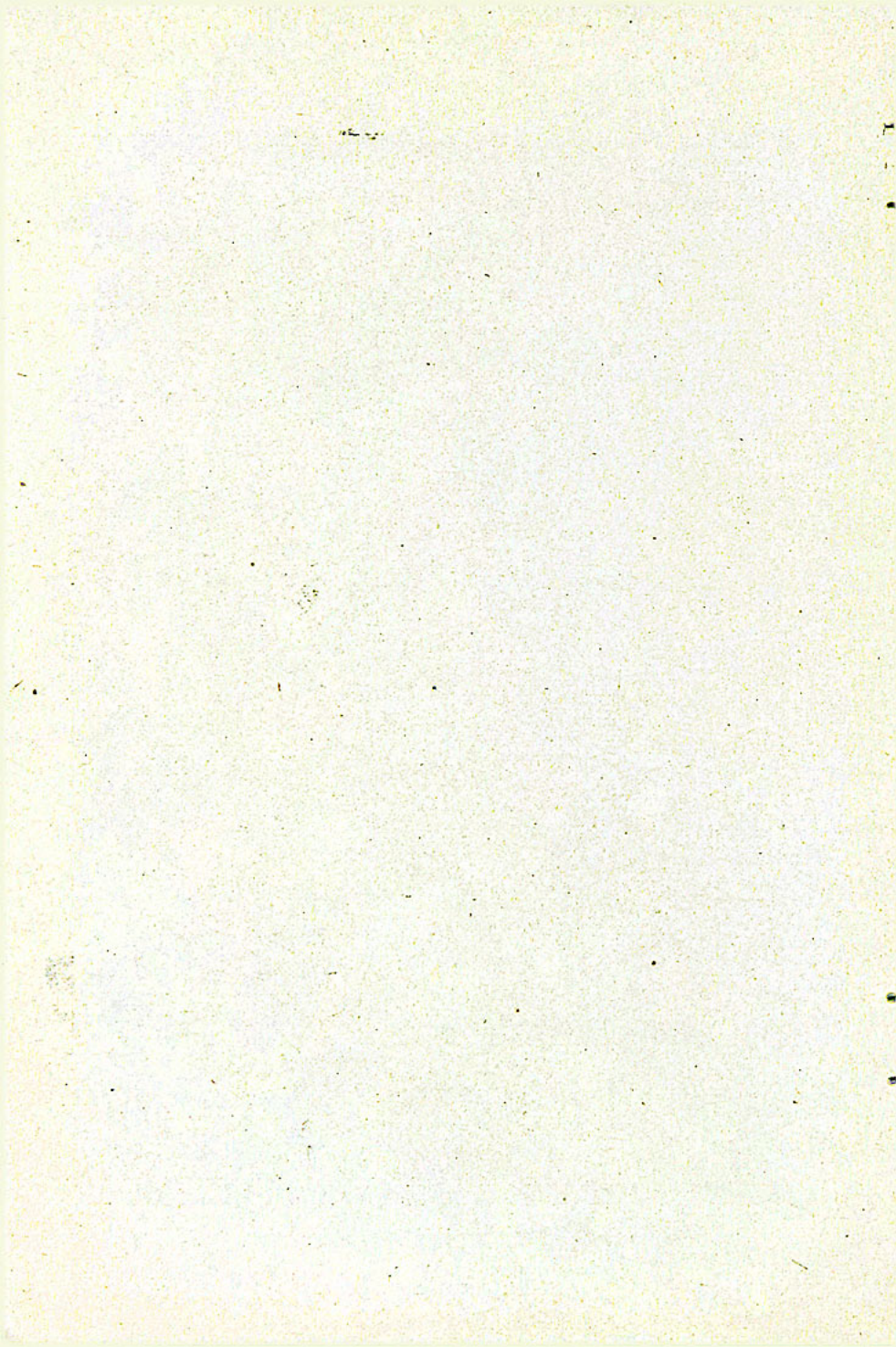
Students desiring to do something towards defraying their own expenses can usually find some way of doing so. Many find work on Saturdays, in stores and other places of business, and have thus paid a large part of the expense of their board. Others have earned their board by working mornings and evenings.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

The Y. M. C. A. employment bureau has been organized to assist students in finding work. There are opportunities in stores and offices, care of furnaces, as waiters in clubs and carriers of newspapers, and in



EXTERIOR AND INTERIOR VIEWS OF WALLACE HALL.







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-J, Eutrophian Hall, Midway 171-J, Men's dormitory, Midway 320-J, Edward's Hall, Midway 1259.

### Expenses.

Students' fees are paid at the beginning of each semester, as follows:

College .....	{ Tuition,	\$16.00
	{ Registration fee,	7.50
Baldwin School .....	{ Tuition,	15.00
	{ Registration fee,	6.00
Edwards Hall (for young men)—Board, per week, average .....		\$2.80 to 3.00
Room rent, per week .....		.35
Light and heat, per week, estimated.....		.25
Eutrophian Hall (for young men)—Board, per week .....		\$2.80 to 3.00
Room rent, per week .....		1.00
A monthly rental is charged the clubs for the use of dining room and kitchen.		
Wallace Hall—Board, per week .....		3.50
Room rent, per week, including light and heat, two in a room, each .....		\$1.00 to 1.50

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

Extra Charges—

College.

Biology, per semester .....	3.00
Chemistry, per semester .....	5.00
Physics, per semester .....	2.50
Shop work, per semester .....	4.00
Geology, per semester .....	1.00
Home making, per semester .....	1.00
Diploma .....	5.00

Baldwin School.

Biology, per semester .....	1.50
Chemistry, per semester .....	5.00
Physics, per semester .....	1.00
Manual Training, per semester .....	3.00
Typewriting, per semester .....	.50
Diploma .....	2.50

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 institution.

**Payment of Fees.**—Tuition and registration fee must be paid in advance.

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, receive an equitable rebate on tuition paid. The registration fee, however, is not returned.

**Half Rates.**—Sons and daughters of ministers are charged half the usual rates of tuition. This concession is not limited to Presbyterian ministers.

All candidates for the ministry, of whatever church or denomination, receive tuition at half rates, 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 received in the event of their abandoning their purpose to enter the ministry.

N. B.—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.



Students taking nine hours or less per week are charged half tuition and full registration fee.

**Special Discount.**—When more than one person from the same family attend college at the same time a discount of twenty-five per cent will be allowed on the tuition of each person after the first. This rule does not apply to those receiving half tuition.

### Rooms.

(1) **Furniture.**—All rooms in men's dormitories are furnished with bedsteads (two-thirds size), mattresses, 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.

(3) **Payment of Room Rent.**—Room rent in the dormitories is payable monthly in advance.

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.

COLLEGE OF LIBERAL ARTS.

### Courses of Study.

The College of Liberal Arts embraces the following general courses:

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

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

A total of 126 hours is required for graduation.

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

(1) 16 semester hours of subjects listed under Bible training department, Greek, 9 and Philosophy 3. At least one hour per week must be taken throughout the course.

(2) 6 semester hours of English 1.

(3) 4 semester hours of Expression 1.

(4) 8 semester hours of Social and Political Science 1, 3.

(5) 12 semester hours of Philosophy 1, 2, 3.

In the Classical Course, the following subjects in addition, 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.

In the Scientific Course in addition to the general requirements, the following are necessary to graduation:

(1) Eight semester hours, Mathematics 1 and 2, based upon one and one-half years each of algebra and geometry.



(2) Science, five years, selected from the following: Astronomy, Biology, Chemistry, Geology, Shop Work, Mathematics other than 1 and 2, Physics. In one of these subjects a two years' course must be taken.

For information on courses offered, see the Particular Description.

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

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

**Preparation for the Study of Law.**—The required and elective studies in Political Economy and Social Science and the electives in Forensic Oratory and Constitutional History offer an admirable course to those who are preparing for law. Students, who, while pursuing certain studies in college, wish also to take up the study of law, find excellent opportunity of doing so in connection with the St. Paul Law School, which gives all its lectures in the evening in the City Hall, but twenty-five minutes' ride from the college.

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

**Preparation for the Christian Ministry.**—The Bible training department and the electives in Greek Testa-

ment, Ethics and History offer a course unusually well adapted to those who have the gospel ministry in view. Those, too, who are preparing to be missionary teachers will find in the wide range of Bible study pursued in the college an indispensable and very attractive adjunct to their course.

**Senior Electives for Medical Students.**—Students intending to study medicine, who are obliged to shorten their course in preparation, may in the following manner save one year while still obtaining their degrees. After completing three years of the college course and being enrolled for the fourth year, they may take the first year of the medical course in any medical 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 medical school, showing the successful completion of the work of the first year in that school.

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

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

case is more than half time allowed for such courses.

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

Students submitting fewer than 15 units may make up their deficiencies in Baldwin School. Unconditioned freshmen, who may lack certain preparatory studies necessary for the courses they wish to pursue may take these studies in Baldwin School without extra charge for tuition. A five hour course so taken counts for four hours on the college course. Students intending to take the B. A. degree are advised to present not fewer than 10 units in following subjects:

English 3.  
Latin 4.

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

Also of the following enough to aggregate 5 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 not fewer than 9 units in the following subjects:

Mathematics 3.  
English 4.

German 2.  
Physics or Chemistry 1.

Also of the following enough to aggregate 6 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  $1\frac{1}{2}$  units.  
 Geometry 1 or  $1\frac{1}{2}$  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  $1\frac{1}{2}$  units.  
 Geometry  $1\frac{1}{2}$  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.

## Particular Description.

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### BIBLE TRAINING DEPARTMENT.

#### On the John C. Martin Foundation.

Professors Wallace, Davis, McRae and Anderson.

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

The courses in this department embrace the following:

1. **The Life of Christ.**—This is studied by means of a harmony of the gospels. By way of introduction, attention is directed to the political and religious condition of the time and to the characteristics and view point of the gospel writers. By discriminating discussion of the teachings of Christ and a realistic presentation of the facts and incidents of his life an effort is made to deepen personal faith in Christ as the Savior of men and to bring the student into appreciation of Jesus as the master teacher of all time. Required, freshman, one hour a week.

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 hour a week.

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.

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. Two semesters, two hours a week.

**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.

**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.

**7. Oriental History contemporary with the Old Testament.**—This course includes (1) a study of the

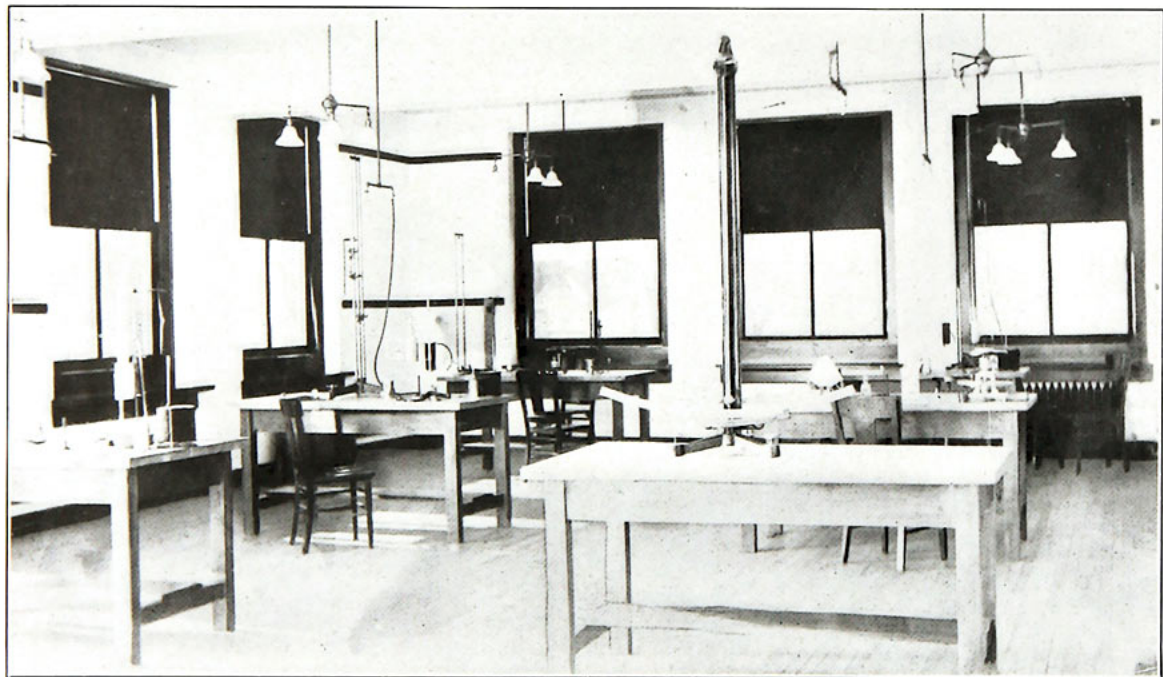
history and religion of Babylonia, Assyria and Egypt; (2) the relation of this material to the explication of Old Testament history. The course is based on the histories of Winckler, Rogers, McCurdy and others. Prerequisite, courses 1 and 2. Second semester, two hours a week on alternate years.

**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.

**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.

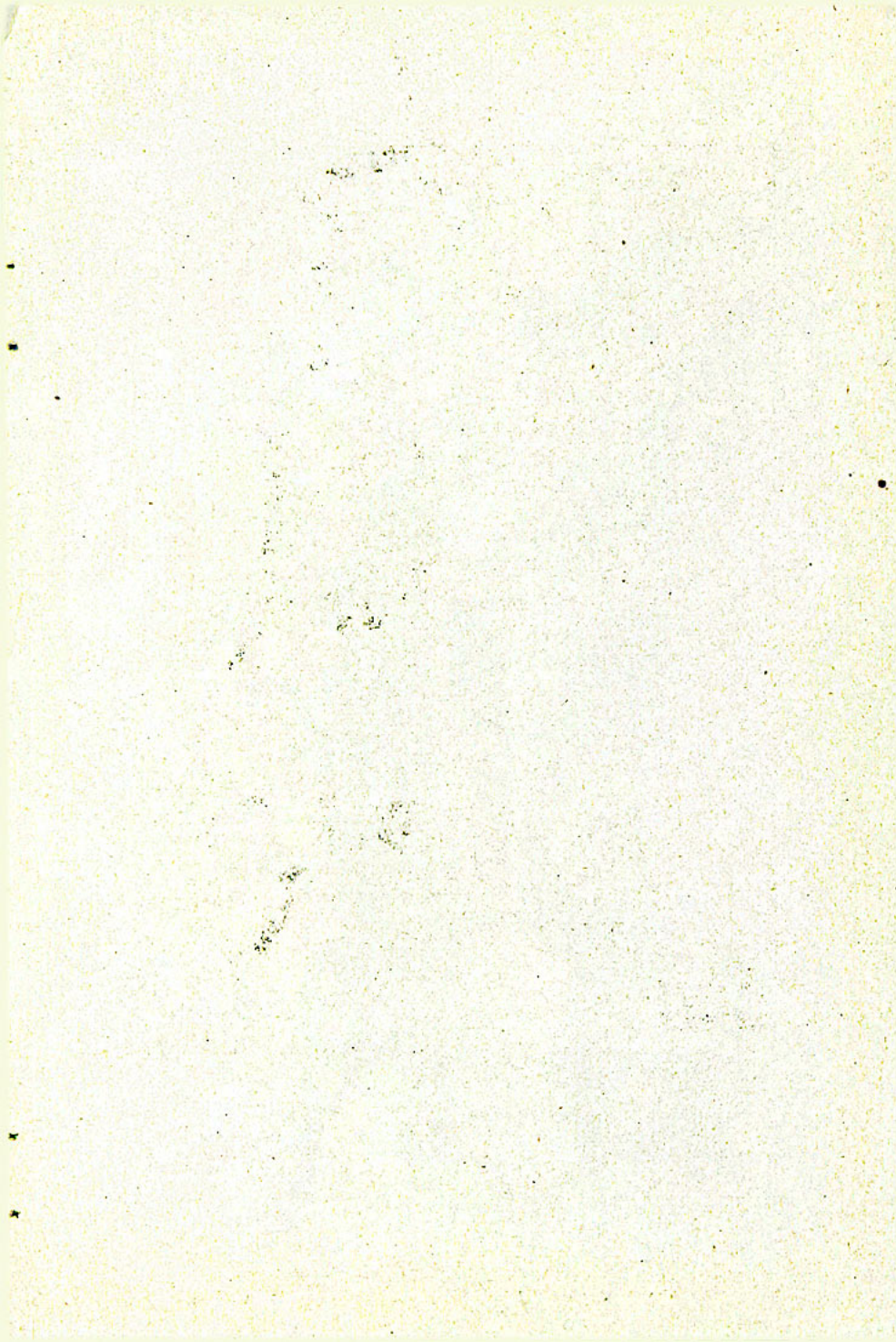
**10. Hebrew.**—The object of this course is to prepare students for advanced work in this subject as soon as they enter the seminary. The work embraces a thorough study of Genesis 1-8, including the grammatical principles of the language, acquisition of a good vocabulary, translation of English into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

**11. Advanced Hebrew.**—In the second year a critical study is made of one or more minor prophets in-



PARTIAL VIEW OF ONE OF THE PHYSICAL LABORATORIES.  
CARNEGIE SCIENCE HALL.





cluding text, grammar, exegesis and history. Prerequisite, course 10. One year, two hours a week.

**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.

**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.

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.

## 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, four hours a week.

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, four hours a week. Not offered in 1911-12.

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.

## 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 and cabinets, and desks with water and gas at every desk. 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, four hours credit.

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, three hours credit.

3. **Qualitative Analysis.**—Lecture and laboratory work, including the detection and separation of the metals and the identification of the acids. The last few weeks of the year are spent in the analysis of specimens of rock and earth. Instead of this, the student may make a study of materials used as paint pigments and the methods used in paint analysis. Prerequisite, course 1. One year, five hours a week, three hours credit, or second semester, eleven hours a week, six hours credit.

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, three or four hours credit.

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

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, two hours credit.

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, three hours credit.

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

9. **Water Analysis.**—Prerequisite, courses 1, 3 and 4. One semester, five hours a week, three hours credit.

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. Two or four hours a week, one or two hours credit. No fee is charged.

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

## EDUCATION.

1. **The History of Education.**—A view of the history of education by means of lectures, readings, class discussions and papers. It is intended that the course should have a high cultural value through the survey which it furnishes of a most important aspect of human thought and progress. The course includes the following: education among the ancient oriental nations, among the Greeks, the Romans, early Christians; schools in the Middle Ages, and finally the various movements of modern times. The theories of philosophers and reformers, as well as the actual practice of the peoples, are studied. Monroe's History of Education will be the basis for the work. Prerequisite, 32 credits. First semester, three hours a week.

2. **Education in the United States.**—This course consists of three parts: (1) a history of educational development in this country, elementary and higher, public and private; (2) a study of our educational systems and institutions as seen at the present time; (3), as throwing light on the significance of the preceding, a survey of the foreign systems of our own time, especially those of Germany, France and Great Britain. Prerequisite, course 1. Second semester, three hours a week.

3. **The Theory of Education.**—This course consists of three parts, as follows:

(a) **The Principles of Education.** A study of the nature of education, its objects and purposes, its means



and methods. Horne's Philosophy of Education is the basis of work.

(b) School Organization and Management. This is an important course to any who are looking forward to the profession of teaching. Chancellor's Our Schools: Their Administration and Supervision, and Brown's The American High School are read. Lectures and papers supplement the above, especially in dealing with the problems of school management.

(c) The Growing Child: a brief study, including both the body and the mind. Tyler's Growth and Education will be used as a guide. Supplementary lectures will deal with the facts of educational psychology more fully.

(d) The Art of Teaching. A study of the immediate aims of the teacher; of the devices and methods made use of by teachers in the work of teaching, with a critical estimate of their value. De Garmo's Principles of Secondary Education will be read critically, with McMurry's Method of the Recitation and other works for constant reference. Members of the class will be expected to visit schools and make written reports on their observations. Opportunities for practice work will be offered in Baldwin School to members of the class, under the supervision of the regular instructor and of the teacher in Education.

(e) In addition to the above, there will be given in the course of the year a series of lectures on the Sunday-school: its history, function, organization and the methods of work. While this part of the course will be brief, probably not more than six lectures, it is believed that it will give a valuable insight into an important branch of the educational and the Christian work of our day. Prerequisite, 64 credits. One year, three hours a week.

4. **A Critical Reading Course.**—This course proposes a reading and discussion in some of the more im-

portant educational writers of ancient and modern times. The authors suggested for reading next year are Aristotle, Quintilian, Rousseau and Herbart. Prerequisite, courses 1 and 2, or 3. One year, two hours a week.

For additional courses see Mental Sciences and Philosophy courses, 1, 2, 3 and 4; Latin, 7; German, 17; Shop Work, 2.

### ENGLISH.

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

2. **Anglo-Saxon and Middle English.**—Study of grammatical forms; reading of Sweet's Anglo-Saxon Primer and other selections; Sweet's First Middle English Primer; complete text of Chaucer. Prerequisite, course 1. First semester, four hours a week.

3. **American Literature.**—Readings, studies and themes, under the direction of the professor, in the lives and masterpieces of our great writers. Prerequisite, course 1. Second semester, four hours a week.

4. **English Literature.**—The aim of the course is to emphasize the main facts in the development of the literature. Spenser, Shakespeare and Milton are extensively read and discussed. Prerequisite, course 1. One year, three hours a week.

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

**6. Modern English Poets.**—(1) From Milton to Tennyson.—A critical study of short selections. Each representative poet is studied in relation to his personal environment and the intellectual condition of his age. (2) A Study of Browning. Prerequisite, courses 1 and 4. Second semester, four hours a week.

**7. Argumentation.**—This course aims to teach sound methods of thinking and clear, convincing expression in a study of the many public problems of interest. A careful study is made of analysis, brief-drawing, proof, forms of arguments, fallacies, refutation, and formal debates. The fundamental principles of argumentation are thoroughly mastered by a study of the text: Wm. Trufant Foster's *Argumentation and Debating*. This is supplemented by actual practice in analyzing specimens of arguments, by construction of briefs, by argumentative writing and by formal debate. Prerequisite, course 1. One year, two hours a week.

## 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, two hours credit.

**2. Action.**—Sir Chas. Bell's *Anatomy and Philosophy of Emotions*. Physical presentations of emotions including facial expression, gestures and atti-



tudes. Platform work and original presentations. Prerequisite, course 1. One year, three hours a week.

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

## FRENCH.

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

1. **Elementary French.**—In the first year the aim is to give a thorough grounding and drilling in grammar—with exercises in translation, conversation and pronunciation. In the second semester the reading of some easy work in prose is begun. Books used—Fraser and Squair's French Grammar, L'Abbe Constantin, by Halevy. One year, four hours a week.

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. Books—Works of Gréville, Daudet and others—Francois—Introductory French Prose Composition. Prerequisite, course 1. One year, three hours a week.

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

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.

## GEOLOGY.

The library contains valuable reference works, including the state geological reports of Minnesota. There is a good collection of specimens, to which additions are made each year.

A general course in structural, dynamic and historical geology, also a brief course in mineralogy and crystallography. Lectures, laboratory and field work. One year, three hours a week.

## GERMAN.

In the German courses as much time as possible will be given to conversation, but the main purpose is to gather from the rich treasures of literature. Students are invited to help select suitable courses. Instruction will be given at one time in as many courses as the teaching force will permit.

1. **First Year.**—Grammar, reading, writing and speaking of German. One year, four hours a week.

2. **Second Year.**—Review of grammar and reading of various prose selections from modern authors. Conversation. One year, four hours a week.

3. **Third Year.**—Selected readings in modern or easy classical prose and poetry. One year, four hours a week.

4. **Historical German.**—The authors to be studied are Schiller and Freytag. One semester, three hours a week.

5. **The Modern Novel.**—The readings will be from Scheffel, Freytag or other suitable authors. One semester, three hours a week.

6. **Epic Poetry.**—The works here considered are from Gottsched, Herder, Goethe and Scheffel. One semester, two hours a week.

7. **Modern German Plays.**—Plays from Kleist, Freytag, Wildenbruch, Hauptmann and others. One semester, two hours a week.

8. **Goethe's Wilhelm Meister.**—One semester, two hours a week.

9. **Heine's Prose and Poetry.**—One semester, two hours a week.

10. **Goethe's Period of Classical Sympathies.**—One semester, two hours a week.

11. **Grillparzer's Work.**—One semester, two hours a week.

12. **Schiller's Works.**—One semester, two hours a week.

13. **Lessing's Works.**—One semester, two hours a week.

14. **The Romantic School.**—Selected authors. One semester, two hours a week.

15. **Goethe's Faust, Part I.**—Including a study of the Faust legend and literature. One semester, two hours a week.

16. **Goethe's Faust, Part II.**—This course presupposes Faust, Part I. One semester, two hours a week.

17. **Teachers' Course.**—Grammar, composition, a sketch of the history of the German language, methods of teaching German. One semester, three hours a week.

18. **A Brief History of German Literature.**—Collateral reading of German. One semester, three hours a week.

19. **Middle High German.**—Grammar and readings from Middle High German literature. One semester, two hours a week.

## GREEK.

The general aim in this department is to learn to read Greek readily, to become acquainted with the



Greek people as revealed in their great creations in history, oratory, philosophy, poetry and art and to arrive at a just estimate of the contribution of the Hellenic race to human progress.

Courses 1, 2, 3 and 4 constitute the required subjects in this department.

1. **Lucian.**—The Charon or Timon and selected short dialogues. Literary and social conditions of the age. First semester, four hours a week.

1a. **Xenophon.**—Hellenica, Books I and II, with discussion of the earlier stages of the Peloponnesian war. A substitute for course 1, at the option of the professor. First semester, four hours a week.

2. **Herodotus.**—Stories and selections from Book VII. Careful consideration of accident and syntax of the Ionic dialect. Second semester, four hours a week.

2a. **The Iliad.** Books I-III. Literary and grammatical study. The Trojan legends. Introduction to the Homeric question. A substitute for Course 2, at the option of the professor. Second semester, four hours a week.

3. **Athenian Orators.**—Selected orations of Lysias and Demosthenes. Theme work on Isaeus, Isocrates and others. Athenian legal procedure. Prerequisite, courses 1 and 2. First semester, three hours a week.

4. **Plato.**—The Apology and Crito. Socrates and his teachings with readings from Xenophon's Memorabilia. Survey of Greek philosophy. Prerequisite, courses 1 and 2. Second semester, three hours a week.

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, four hours a week.

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.

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.

8. **Lyric Poetry.**—Selections from the elegiac and lyric poets. Prerequisite, courses 1, 2, 3 and 4. Second semester, two hours a week.

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.

Students who have pursued the study of German or French to the end of the sophomore year may take as an elective the Greek of Baldwin School (Lessons and Anabasis).

## HISTORY.

1. **European History.**—From 31 B. C., to the close of the fifteenth century. Text-books: Emerton's Introduction to the Middle Ages, Emerton's Mediaeval Europe, Henderson's, Ogg's and Robinson's Mediaeval Documents. Lectures, collateral reading and quizzes. One year, four hours a week. Not given 1911-1912.

2. **English History.**—An outline course of the political and constitutional history of England. Text-book:

White's *The Making of the English Constitution*. Lectures, collateral reading, study of sources and topical assignments. One year, three hours a week.

3. **The Reformation Period.**—The protestant revolt and Europe to the Peace of Westphalia. Text-book: Haeuser's *Reformation Period*. Collateral reading, select documents, lectures and quizzes. Second semester, three hours a week. Not given 1911-1912.

4. **Modern Europe.**—The French revolution and Europe in the nineteenth century. Text-books, study of documents and special topics, lectures. One year, three hours a week.

5. **United States History.**—From the American Revolution to 1829. Textbook, collateral reading, MacDonald's *Documents*, lectures, topical work and quizzes. First semester, three hours a week. Not given 1911-1912.

6. **United States History.**—From 1829 to the present time. Conducted the same as Course 5. Second semester, three hours a week. Not given 1911-1912.

7. **American History.**—From 1607 to the present time with particular emphasis on the development of the west. Conducted as courses 2 and 4. One year, three hours a week.

## HOME MAKING.

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

1. **The Home.**—Evolution of the modern home from primitive conditions. Its object. Selection of site with regard to climate, soil, drainage and neighborhood. Location of house with regard to exposure and distribution of light. Elementary study of architecture in connection with planning a house and plans that meet



the requirements, comfort and convenience of the family for which the house is intended. Lectures, problems and recitations. First semester, two hours a week.

**2. Domestic Hygiene.**—The health and happiness of the home are built upon cleanliness. Systems and methods of ventilation, heating and lighting. Water and water tests of the household and plumbing. Care of the house and household belongings. Prerequisite, course 1. Second semester, two hours a week.

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

**4. Social Culture.**—Family life ought to be the highest expression of good society. 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.

## LATIN.

**1. Freshman.**—Livy, selections from books I., XXI., and XXII.; Cicero de Senectute; Terence. In this course the aim is to fix the student's knowledge of grammatical forms and syntax and by constant drill and prose composition to familiarize him thoroughly with fundamental principles and enlarge his vocabulary. Prerequisite, four years work in Latin equivalent to the course in Baldwin School. One year, four hours a week.

**2. Sophomore.**—Pliny's Letters; odes, satires and epistles of Horace; Germania or Agricola of Tacitus, a

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

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

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

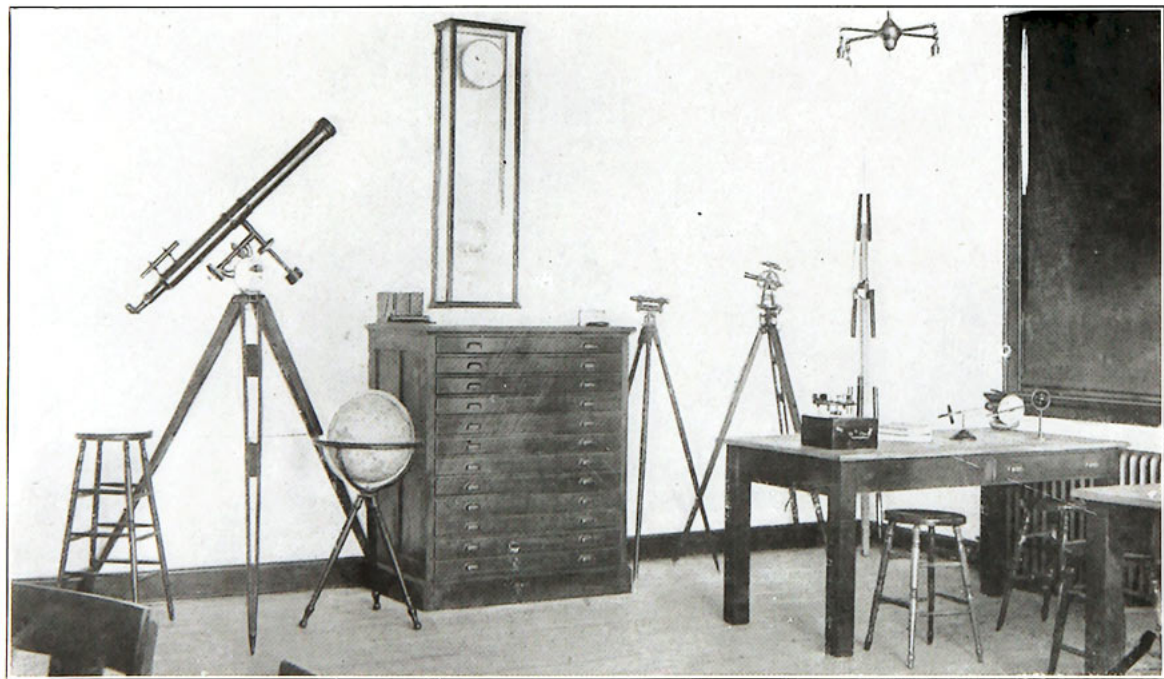
**5. The Silver Age.**—Examination of the language, character of thought, social and political conditions. Private life of the Romans. (a) Annals of Tacitus; (b) Juvenal. One year, three hours a week.

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

**7. Teachers' Course.**—This course is designed to fit students to teach the Latin of the Secondary schools, impart to them a thorough knowledge of the grammar of the language, to familiarize them with the







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history and life of the Roman Empire and to secure by practice the ability to give idiomatic translations of Latin authors. Students in this course are required to teach classes in Baldwin school occasionally under instructor's supervision.

In the first semester a systematic review of Latin grammar and prose composition supplemented by lectures on Latin style, selections from books I.-V. of Gallic War are translated. In the second semester three or four orations of Cicero and two books of the Aeneid form the basis of translation. Study of the history of Roman eloquence and lectures on Roman civil and political institutions supplement class work. A study of the quantitative method of reading Latin verse will be given emphasis. One year, three hours a week.

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

## MATHEMATICS AND ASTRONOMY.

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

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.

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.

4. **Differential and Integral Calculus.**—A brief study of the principles of differential calculus based on theory of limits, followed by a short course in integral calculus. Prerequisite, course 3. Second semester, four hours a week.

5. **Advanced Calculus.**—Continuation of course 4. One year, three hours a week.

6. **Surveying.**—Prerequisite, course 2. Second semester, three hours a week.

7. **Advanced Algebra.**—Intended especially for those preparing to teach. Prerequisite, course 1. One year, three hours a week.

8. **Astronomy.**—Text-book, lectures and practical work with sextant, transit and clock. Prerequisite, course 2. One year, three hours a week.

#### THE MENTAL SCIENCES AND PHILOSOPHY.

1. **Logic and Scientific Method.**—This course comprises a study of logic, deductive and inductive, of fallacies, logical theories and of scientific method. Abundant exercise is given in order to fix facts and principles and to cultivate keenness in analysis and discrimination. Required, four hours a week, first fourteen weeks of the junior year.

2. **Psychology.**—This course aims at a comprehensive view of the most important divisions of the science. Because of the value of psychology as a factor both in science and culture and because of its fundamental importance with reference to the other studies included in this department and to education, the course is made as strong as possible. It opens with a brief course in experimental psychology to awaken interest and cultivate observation. This is followed by a general course, with James's Briefer Course as basis. Instruction is by means of recitation, experiment, lectures and class



discussions. Required, four hours a week through last twenty-two weeks of the junior year.

3. **Ethics.**—Ethics is placed near the end of the course in order that the philosophic aspects of the subject may be the better appreciated. The ethical facts are studied as they appear in life; then the theories of ethics are taken up for the purpose of obtaining a philosophical basis; and finally practical questions are handled by means of lectures and discussions. Required, second semester, three hours a week.

4. **The History of Philosophy, Ancient, Mediaeval and Modern.**—This course reviews the course of thought in philosophy from the time of the early Greek philosophers down. It aims to trace the development of philosophic conceptions and systems and their connection, and to point out their connection with the life of the times in which they arose. Special attention is given in Greek philosophy to Plato and Aristotle and in modern philosophy to Kant. The course requires readings by the students in a number of the more important thinkers. Open to seniors and juniors, the first twenty-four weeks of the year, three hours a week.

5. **Introduction to Philosophy.**—Following the course in the history of philosophy, the course in introduction to philosophy places before the student a systematic view of the divisions of philosophy and of its problems, including that of method. It aims not only to clarify the views of the student, but also to develop some defensible convictions. Open to all who have completed Course 4; the last twelve weeks of the year, three hours a week.

6. **A Course of Readings in Philosophy.**—This course aims to introduce the student at first hand to the complete text of some of the more important works, by a critical reading. For this course the following are open to choice: (1) Greek philosophy, Plato and

Aristotle; (2) Kant, chiefly devoted to the Critique of Pure Reason; (3) English philosophy, Locke and Hume; (4) American philosophers, James's Pragmatism and The Pluralistic Universe and Ormond's Concepts of Philosophy, with other works so far as time permits. Open to students who have completed course 5, and others, on approval of the teacher. One year, three hours a week.

### PHYSICS.

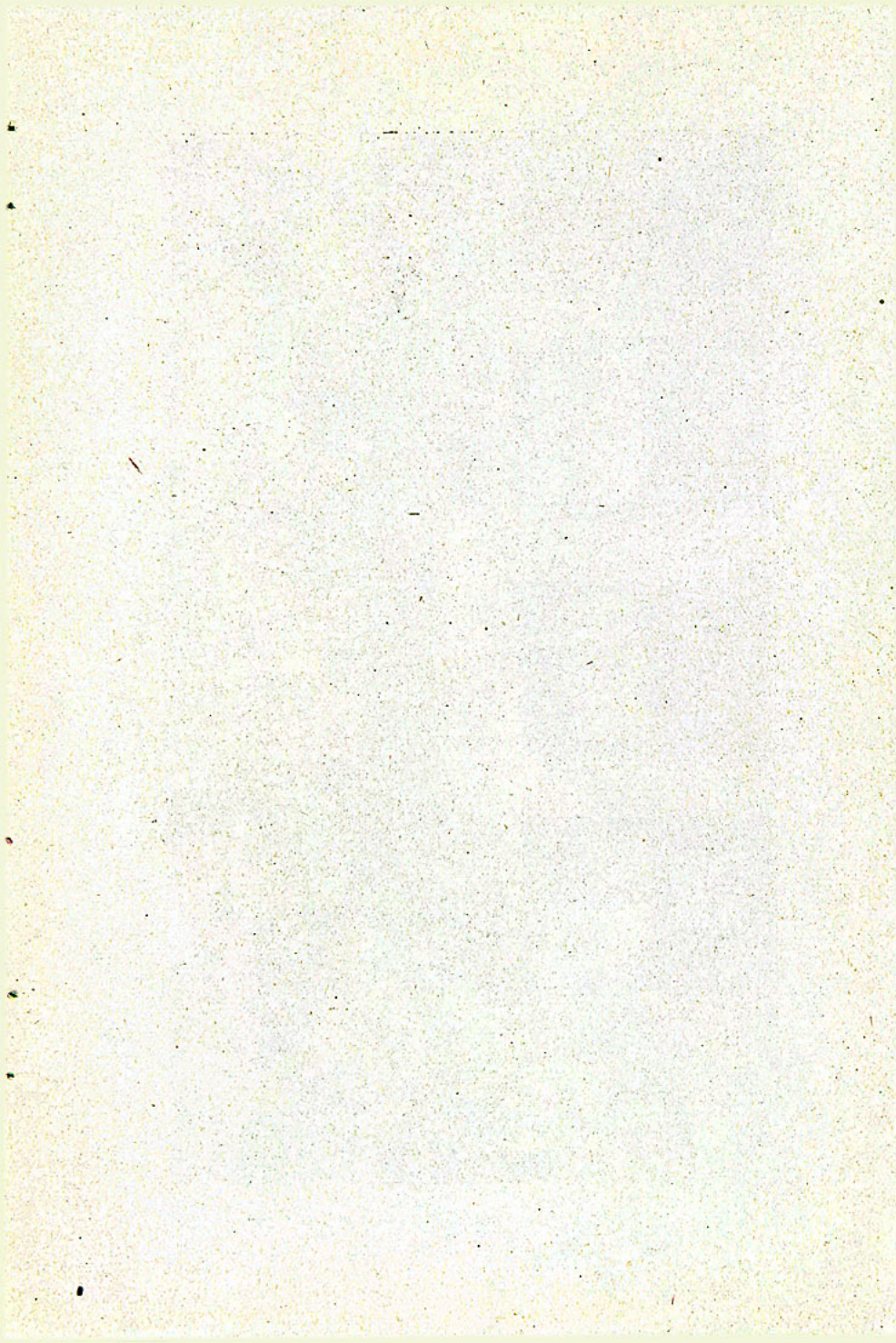
The Physical Laboratories occupy practically the entire first floor of the Carnegie Science Hall. There are two large laboratories, one for general physics and the other for electricity. Each of these has a smaller laboratory adjoining for special research work. In connection with this department there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

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

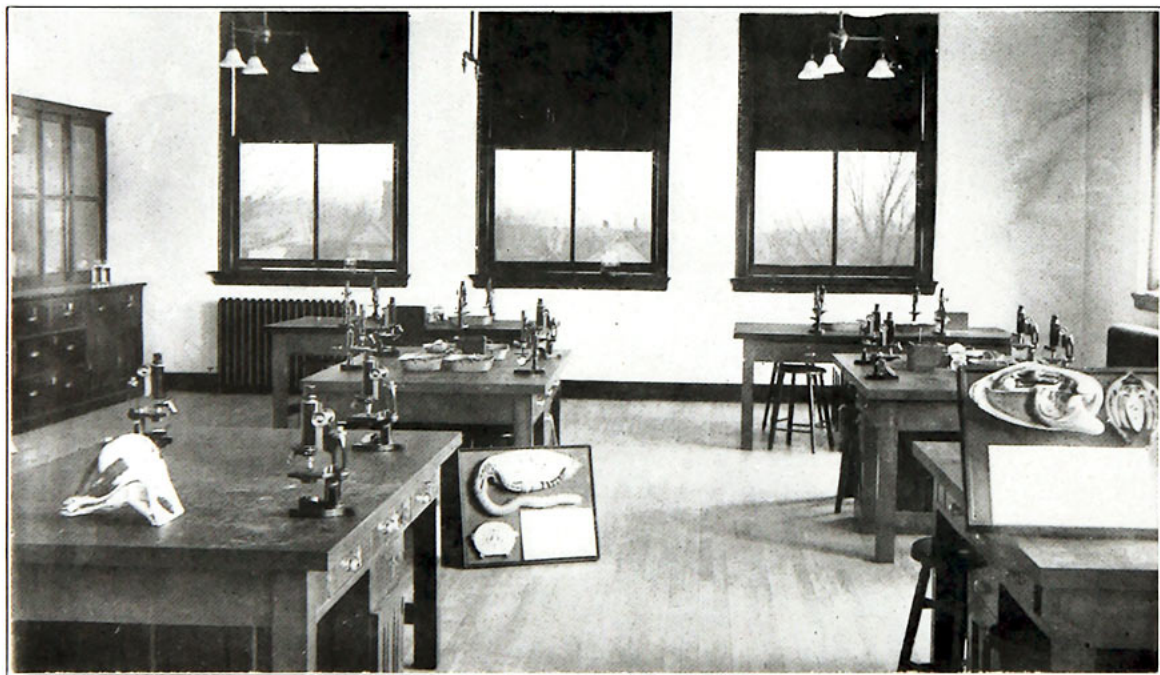
The following courses are offered:

1. **Short Course.**—This is a short course which covers the entire subject in one year. Demonstrations in connection with the lectures are substituted for a considerable amount of the individual laboratory work that is done by the student in the long course, and some of the more technical features of the subject that are not of general importance are omitted. The aim is to offer a thorough year's work in the general principles of physics to those who are taking courses which will









PARTIAL VIEW MAIN BIOLOGICAL LABORATORY,  
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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, four hours credit.

**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, five hours a week, three hours credit.

**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, five hours a week, three hours credit.

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.

## SHOP WORK.

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

**1. General Shop Course.**—Work in wood and the use, care and adjustment of the common wood working tools; a study of the common stains and varnishes and various methods of finishing wood surfaces; glue and methods of glueing; glasscutting, boring, grinding and cementing; solders and methods for soldering and brazing; use of the hammer—bending, drawing and peening; the files—flat filing, round filing and draw filing; cold chisels—cutting and chipping; scrapers; hand and press drill work; the lathe and lathe work; visits to the large shops of the Twin Cities. The object is to lead the student to an appreciation of the modern mechanical processes and at the same time develop his ability to perform them. One year, five hours a week, three hours credit.

**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, two hours credit.

**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, two hours credit.

## 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 textbook is used, but the systems of sociology as presented in Spencer, Ward and others are presented and discussed. First semester, four hours a week.

**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. Not given 1911-1912.

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.

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.

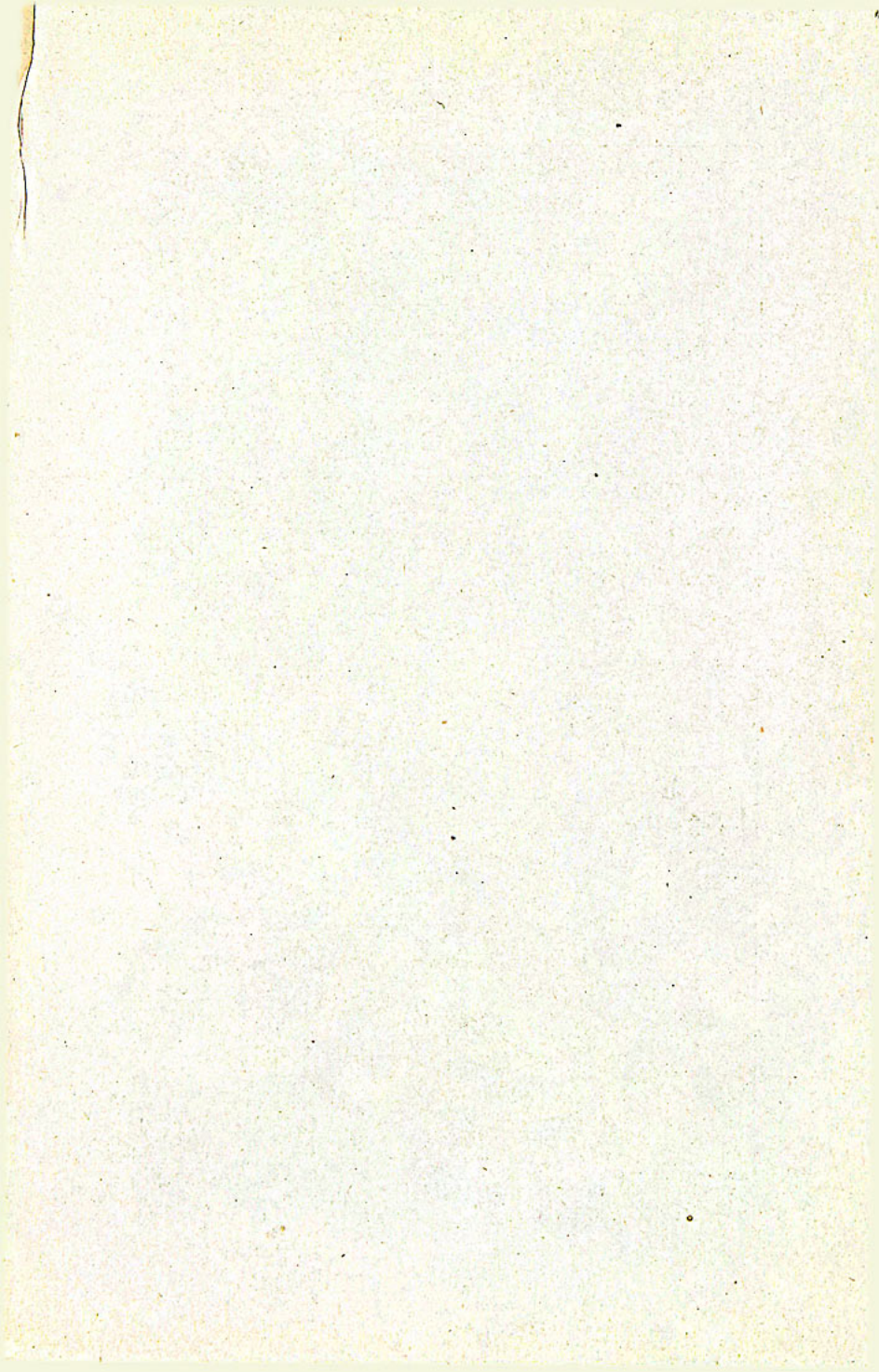
5. **History of Civil Government.**—The State, by Professor Wilson, is used as a text-book, with collateral study of constitutions. The aim is to trace clearly the great and distinctive features in the government of the leading European nations. Prerequisite, course 3. First semester, three hours a week.

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. Not given 1911-1912.

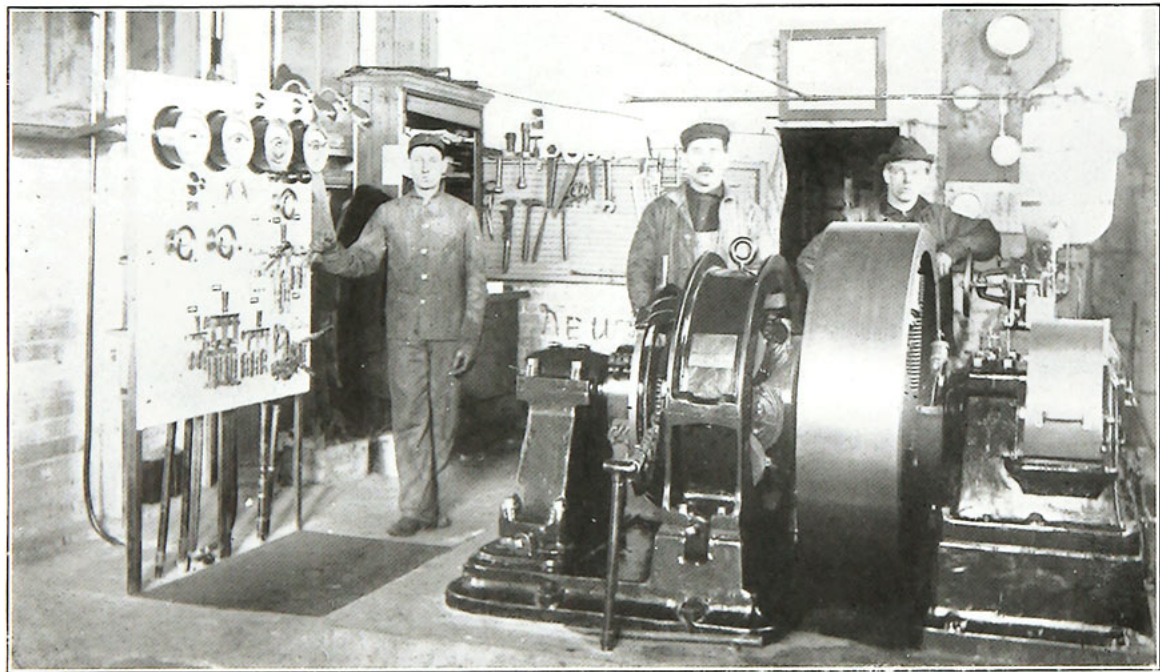
7. **Roman Law.**—Morey's Outlines of Roman Law is used. The object is to make the student acquainted with (1) the origin and development of Roman Law; (2) its relation to modern systems of jurisprudence. Prerequisite, course 3. Second semester, two hours a week.

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









POWER AND LIGHTING PLANT.

a text-book. Prerequisite, course 3. Second semester, three hours a week.

### PHYSICAL TRAINING FOR WOMEN.

**Theory—Personal Hygiene.**—The means of preserving and improving the health and efficiency of the human mechanism and the conditions necessary to the perfect state of the body and the activity of the various functions.

**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.

A credit of one hour will be given for two hours of physical training 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, 1911-12.

	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 2. A German 3. Greek 3. Latin 7. Mathematics 3. Philosophy 1.	Education 3. English 4. Shopwork 1. Latin 2.	Biology 3. English 5. Expression 1. French 2. German 5. Soc. & Pol. Sci. 5.	English 1. History 7. Mathematics 8. Physics 1. *	Latin 3.
Tuesday	Bible 3. Bible 5. Chemistry 5. English 2. French 1. German 1. Greek 1.	Expression 2. Greek 9. Latin 7. Mathematics 1. Philosophy 1.	Bible 4. Chemistry 1. History 4. Shopwork 2. Latin 1. Philosophy 4.	Biology 3. English 5. Physics 1.	Education 1. Mathematics 8.	Biology 1. * German 3. Greek 3. Latin 3. (3:20) Mathematics 3.
Wednes.	Bible 12. French 1. German 1. Greek 1. Soc. & Pol. Sci. 1.	Bible 2. B Mathematics 1. Philosophy 1.	English 2. Geology 1. Latin 1. Soc. & Pol. Sci. 5.	Biology 1. Chemistry 3. Education 3. English 4. Latin 2.	Bible 1. A Education 1. History 7.	English 7. German 3. Physics 1.
Thurs.	Bible 5. Bible 12. German 3. Greek 3. Soc. & Pol. Sci. 1.	Education 3. Greek 9. Latin 7. Mathematics 1. Physics 2.	Chemistry 1. Geology 1. History 4. Latin 1. Philosophy 4.	Biology 1. English 5. Expression 1. French 2. German 5.	English 1. History 7. Latin 2. Mathematics 8.	English 2. Mathematics 3.
Friday	Chemistry 5. English 7. French 1. German 1. Greek 1. Soc. & Pol. Sci. 1.	Bible 3. Expression 2. Mathematics 1. Philosophy 1.	Bible 4. English 2. Geology 1. History 4. Latin 1. Philosophy 4.	Biology 3. English 1. Expression 1. French 2. German 5. Soc. & Pol. Sci. 5.	Bible 1. B Education 1. Latin 3. Physics 1. *	Biology 1. * English 4.

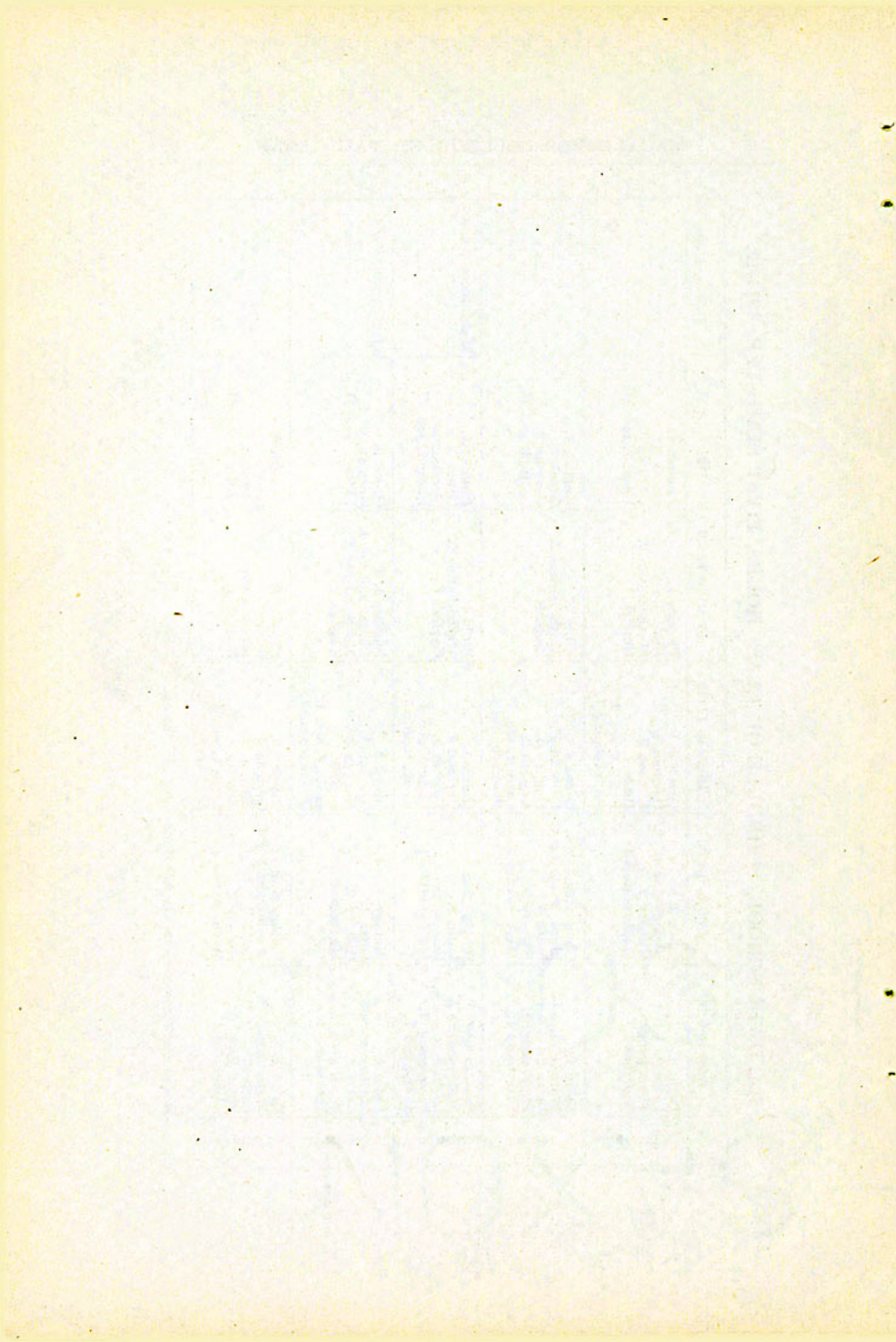
Hours marked with asterisk are double for laboratory.  
Subjects scheduled for 2:20 to 4:20 are single hour classes unless starred.



## BALDWIN SCHOOL, SCHEDULE OF CLASS HOURS, FIRST SEMESTER, 1911-12.

	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.	Greek 4. German 4. English 3. Bible 2. Latin 1, sec. I. Bookkeeping 1.	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.	Greek 4. German 4. English 3. English 2. Latin 1, sec. I. Bookkeeping 1.	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.	Greek 4. German 4. English 2. Latin 1, sec. I. Bookkeeping 1.	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.	Greek 4. German 4. English 3. Bible 2. Latin 1, sec. I. Bookkeeping 1.	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.	Greek 4. German 4. English 3. English 2. Latin 1, sec. I. Bookkeeping 1.	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.

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



## Faculty.

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

JAMES WALLACE, Ph. D.  
*Bible.*

DAVID NEWTON KINGERY, A. M.  
*Mathematics.*

RICHARD URIAH JONES, A. B.  
*Chemistry.*

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

GRACE BEE WHITRIDGE.  
*English.*

FARQUHAR DAVID McRAE, Ph. D.  
*History.*

GERTRUDE CRIST.  
*Commercial Studies.*

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

MAY GIBSON, A. B.  
*Latin.*

WILLIAM HENRY KLOSE, Ph. D.  
*German.*

HAROLD OMER BURGESS, A. B.  
*Latin.*

FRANK DICKEY SCOTT, A. B.  
*English.*

EDNA FRANCES WHITE.  
*Algebra.*

## General Information.

### Historical Sketch

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

### Admission and Courses.

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

Two courses are offered, Classical and Scientific.

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

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

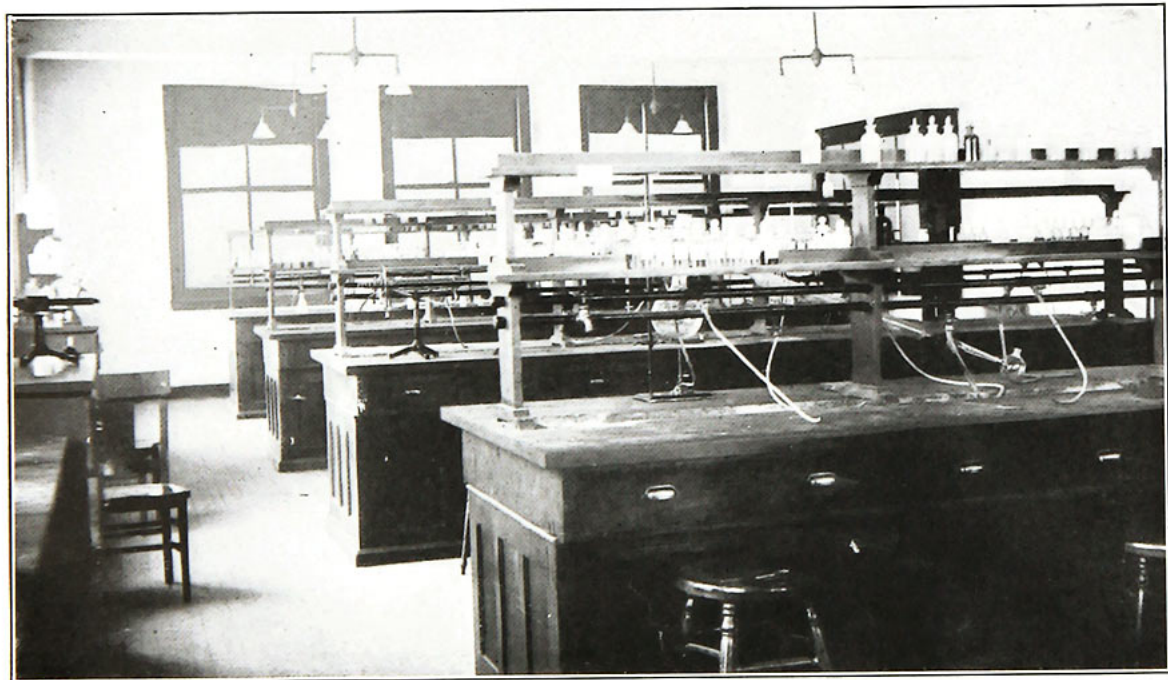
**Requirements for Entrance.**—Applicants for admission to the freshman class are examined in orthography, elementary English and arithmetic (through proportion), descriptive geography, and United States history. Applicants for admission to higher classes will, in addition to the above, be examined in the studies of the classes below that for which they apply. Certificates 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.

Students should bring with them certificates of standing and grades in schools from which they may come, stating the text-books used and the amount of time spent upon each study.

### 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 Edward E. McCabe.





INORGANIC CHEMICAL LABORATORY. PARTIAL VIEW.  
CARNEGIE SCIENCE HALL.



## 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						
German } one			(5)	(5)	(5)	(5)
Mathematics			..	..	(4)	(4)
Mathematics	} elect one	(4)	(4)	(4)	..	..
Chemistry						
Biology						
Manual Training						
Chemistry						
Biology	} elect one	..	..	..	(4)	(4)
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						
German } one			(5)	(5)	(5)	(5)
Physics	} elect two	..	..	..	(4)	(4)
Chemistry						
Biology						
Manual Training						
Physics						
Chemistry	} elect one (4)	(4)	(4)	(4)	..	..
Biology						
Manual Training						
History and Civics						
Com'l Law and Economics						

Classical course must include one year of science.

Figures refer to number of hours per week.



## Particular Description.

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### 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 (4 ft. x 7 ft.), published by the Palestine Exploration Society of England, also of other up-to-date maps and charts.

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

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

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

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

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

### ENGLISH.

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

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

**Analysis and Expression.**—The third year's work is essentially a reading and expression course. Care-

ful 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 of short selections from the various authors. Careful attention is given to the historical relations of the different periods in their effect on literature, also the life history of the great English writers, and a brief study of their style. Research and topical reports are frequent, especially in the first semester. The text is Painter's *History of English Literature*, which is supplemented by brief selected readings from representative authors. 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.**—Vos' Essentials of German, Allen's Herein, conversation and composition. Junior, five hours a week.

**Second Year.**—Review of grammar, reading of Storm's *Immensee*, Gerstacker's *Germelshausen*, Seidel's *Der Lindenbaum*, Heyse's *Das Madchen von Treppi*. Other readings, including a play. Conversation and 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, 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, six hours a week, four hours credit. Not offered in 1911-1912.

**Botany.**—A short course, including text-book, laboratory, and field work. Junior or senior, second semester, six hours a week, four hours credit. Not offered in 1911-1912.

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

**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 proper 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.

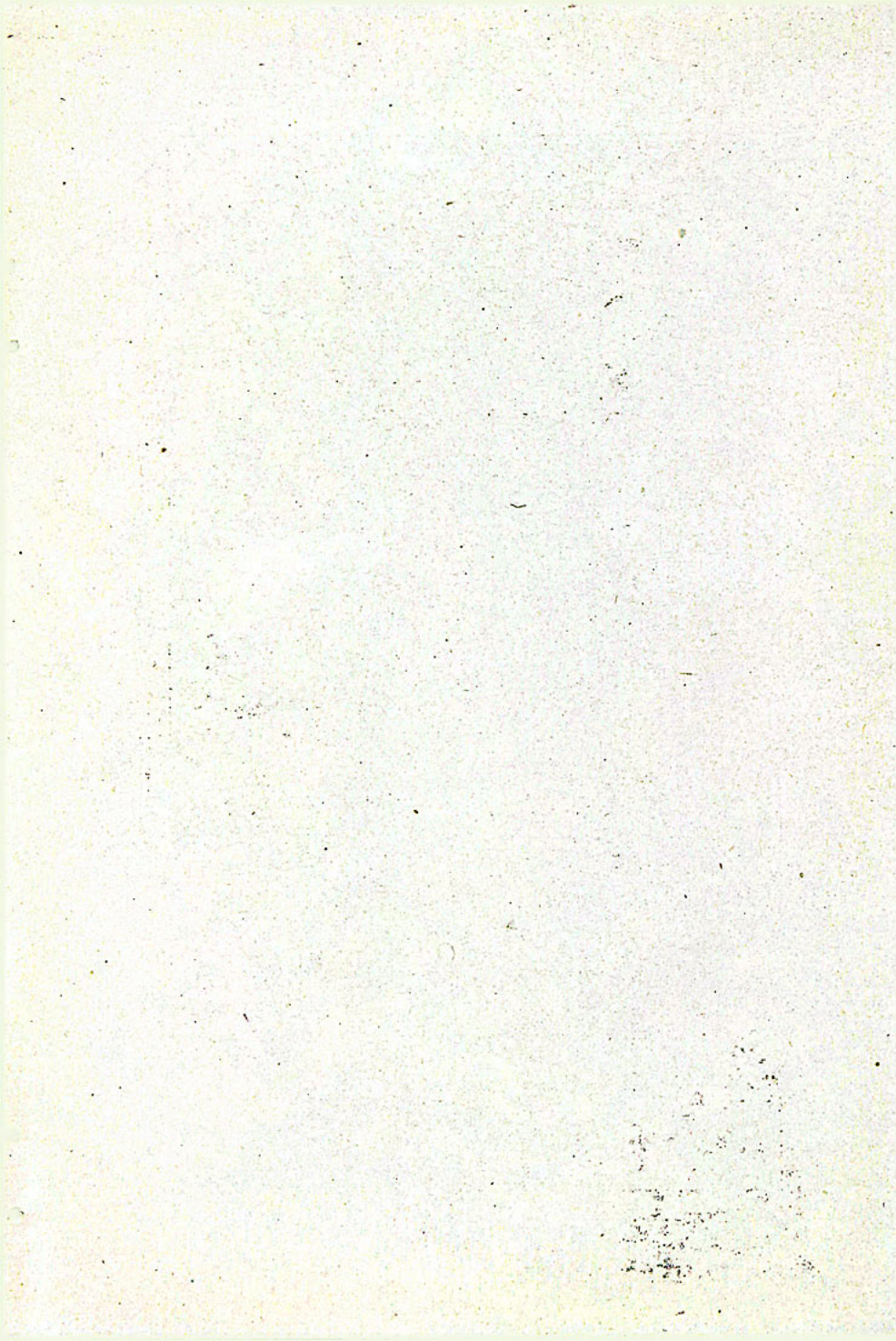
**Bookkeeping.**—There is but one set, double entry, to be written up by the student. This begins with the simplest transactions and extends through corporation bookkeeping. The student is made thoroughly familiar with the usual business forms such as checks, invoices, promissory notes, certified checks, 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.



A BIT OF THE MANUAL TRAINING SHOPS.  
CARNEGIE SCIENCE HALL.







SCHOOL OF MUSIC.

## Faculty.

### HARRY PHILLIPS,

Director. Instructor in Voice Culture.

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

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

### GEORGE HERBERT FAIRCLOUGH,

Instructor in Piano, Organ, Theory.

Certificate from Royal High School of Music, Berlin, Germany, (1893 to 1896), under Professors Barth, von Peterson, Ernest, Schelling, Piano; Bargiel and Succo, Theory; Clemens, Organ. Director of Music, Presbyterian Ladies' College, Brantford, Ont., 1891 to 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.

### JANE PINCH,

Vocal Instructor.

Three years in Conservatory of Music at Ripon College, Wis., under Dr. D. S. Stillman and Mr. Ellenberger, followed by one year under Signor Vittorio Carpi, of the Chicago Conservatory of Music, and Mr. Young, of Chicago.

Residence, 872 Dayton Ave.

### BESSIE A. GODKIN,

Instructor in Piano.

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

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

### EMILY GRACE KAY,

Instructor in Harmony, Appreciation of Music and Sight-Singing.

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

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

**MILDRED G. PHILLIPS, A. B.,**

Instructor in Piano and History of Music.

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

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

**GEORGE A. THORNTON,**

Instructor in Violin, Leader of College Orchestra.

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

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

**MRS. AUGUSTA MacLEOD.**

Instructor in Public School Music and Methods.

Special work in Public School Music with Miss Shawe, Teach-  
er in the public schools of St. Paul for twenty-four years.

Residence 630 Ashland Ave. N. W. Dale 860.



The School of Music issues a special catalogue giving courses of study, advantages of location, representative recital programs, electives in music, etc., which is sent on request to the President of Macalester College. For this reason a few points only of general interest are here included.

**Entrance Requirements.**—All pupils on entering the School are examined by the Director and classified according to their knowledge and ability.

Each student is required to take a minimum of five hours a week in Macalester College or Baldwin School.

**Teacher's Certificate.**—At the end of the second year certificates are given to those wishing to teach, stating their proficiency and fitness for teaching in whatever branch they have been studying. To receive this certificate it is necessary to have had one year of Harmony.

**Graduation.**—All students completing the required course of three years, in either Vocal Culture, Piano, Organ or Violin, to the satisfaction of the Director of that particular subject and having taken a year of Advanced Harmony, Composition, the Forms, etc., are granted diplomas. No diploma is awarded unless the student has attended the School of Music at least one year.

**Orchestra.**—A College Orchestra, composed of students and under competent leadership, has been organized this year with great satisfaction to members and public. It is open to all students at a nominal fee of one dollar a year.

### Terms for Instruction.

Piano, per semester—Miss Godkin:	
One hour lesson per week .....	\$36.00
Two 30 minute lessons per week .....	36.00
One 45 minute lesson per week .....	28.00
Piano or Pipe Organ, per semester—Mr. Fairclough:	
Two 30 minute lessons per week .....	50.00
One 45 minute lesson per week .....	39.00
Vocal Lessons, per semester—Mr. Phillips:	
Two 20 minute lessons per week.....	68.00
Two 30 minute lessons per week .....	85.00
One 30 minute lesson per week .....	50.00
Vocal Lessons, per semester—Miss Pinch:	
Two 30 minute lessons per week .....	54.00
One 30 minute lesson per week .....	30.00
Harmony, class lessons, per semester:	
Two lessons per week .....	12.00
Public School Music:	
Class of six per semester .....	12.00
Class of four per semester .....	15.00
Class of three per semester .....	18.00
Class of two per semester .....	27.00
Violin, per semester:	
Two 30 minute lessons per week .....	36.00
One 30 minute lesson per week .....	20.00
Rent of Piano for practice, per semester:	
One hour per day .....	4.00
Two hours per day .....	8.00
Three hours per day .....	12.00
Four or more hours per day .....	14.00
Registration fee per semester.....	6.50
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 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.....Hudson, Wis.  
D. D. to Rev. Alfred E. Driscoll.....Ashland, Wis.  
D. D. to Rev. William Porter Lee, Macalester '89.....  
.....Germantown, Pa.  
D. D. to Rev. Harry Clinton Schuler, Macalester '95..  
.....Teheran, Persia.  
D. D. to Rev. John Hansen Sellie, Macalester '95.....  
.....Buffalo, Minn.



## Roll of Alumni.

### Class of 1889.

George Washington Achard....Business, Minneapolis, Minn.  
 Jgs. Wilson Cochran.....Minister, Philadelphia, Pa.  
 Ulysses Grant Evans .....Minister, Derby, Iowa  
 James Chase Hambleton.....Teacher, Columbus, Ohio.  
 Benjamin Wallace Irvin.....Deceased.  
 Samuel M. Kirkwood.....Surgeon, St. Paul, Minn.  
 Wm. 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.....Sec. Y. M. C. A., Rio 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, Princeville, Ill.  
 Judson L. Underwood.....Missionary, Mayaguez, Porto Rico.

### 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. Baidler.....Minister, Monte Vista, Colo.  
 Archibald Cardle .....Minister, Burlington, Iowa.  
 Paul A. Ewert.....Attorney, Joplin, Mo.  
 George E. Johnson.....Business, Sayre, Okla.  
 Sam'l M. Marsh.....Minister, Wabasso, Minn.  
 Wm. 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.
Chas. D. Darling.....	Minister, Minneapolis, Minn.
Ed. Howard Gordon.....	Deceased.
Harry Clinton Schuler.....	Missionary, Teheran, Persia.
John Hansen Sellie.....	Minister, Buffalo, Minn.
Arthur Whitney Vance .....	.....
	City Editor, Daily News, St. Paul, Minn.

### Class of 1896.

Alexander Edward Cance .....	.....
	Teacher, Mass. Agr'l School, Amherst, Mass.
Moses M. Maxwell.....	Minister, St. Paul, Minn.
Samuel F. Sharp.....	Minister, Exeter, Ontario, Can.

### Class of 1897.

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

### Class of 1898.

Clarence Dwight Baker .....	Deceased.
Charles Warren Dade.....	Teacher, Little Fork, Minn.
Anna Moore Dickson.....	Teacher, H. S., St. Paul, Minn.
Caspar Gregory Dickson .....	Clerk Nat. Lib'y, Washington.
Nellie M. Flanders-Sherwin.....	Carlton, Minn.
John M. Guise .....	Prin. of School, St. Paul, Minn.
Carlton Leslie Koons.....	Minister, Eau Claire, Wis.
Robert C. Mitchell.....	Minister, Indianola, Ia.
William James Mitchell.....	Minister, Brighton, Wash.
David Walter Morgan.....	Minister, Birmingham, Iowa.

## Class of 1899.

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

## Class of 1900.

John Calvin Abels.....Business, Washington, Ia.  
 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, So. Tacoma, Wash.  
 Roy Walker Smits.....Supt. Schools, Kelso, Wash.  
 David A. Thompson.....Minister, Selwood, Portland, Ore.

## Class of 1901.

Wm. Beckering.....Minister, Dostberg, Wis.  
 Louis Benes.....Minister, Waupun, Wis.  
 Henry Roy Bitzing.....Lawyer, Mandan, N. D.  
 Percy Porter Brush.....Business, Kelso, Wash.  
 Charles Morrow Farney.....Business, St. Paul, Minn.  
 Henry D. Funk.....Prof. Mac. College, St. Paul, Minn.  
 Nathaniel E. Hoy.....Meadow, S. D.  
 Lewis Hughes .....Ottawa, Minn.  
 Richard U. Jones.....Prof., Mac. College, St. Paul, Minn.  
 William C. Laube.....Professor and Minister, Dubuque, Ia.  
 Millicent V. Mahlum.....Teacher, Brainerd, Minn.  
 William H. Travis.....Prof. Palacios College, Palacios, Tex.  
 Lily Bell Watson.....Macomb, Ill.



### Class of 1902.

Frederick Brown.....	Minister, Lansing, Mich.
Robert L. Davidson.....	Teacher, Kent, Wash.
Sarah A. Haines.....	Sitka, Alaska.
Grace Iddings-Fletcher.....	Grand Forks, N. D.
Leonard L. Mann.....	Waupun, Wis.
Francis H. Newton.....	Minister, Reubens, Idaho.
Winfred R. Pringle-Weber.....	Bayfield, Wis.
Edgar E. Sharp.....	Lawyer, Moorhead, Minn.
Benjamin Bruce Wallace.....	Princeton U., Princeton, N. J.
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, Drayton, N. D.
Ebenezer Thomas Ferry.....	Minister, Morrisville, Pa.
Emma Inez Godward-Davies.....	Ord, Nebr.
Robert McMaster Hood.....	Minister, Madera, Cal.
Peter Westin Jacobson.....	Minister, Panora, Iowa.
Raymond Lewis Kilpatrick.....	Engineer, Hibbing, Minn.
Donald Norman MacRae .....	Minister, Glace Bay, Cape Breton, N. S.
Henry Morgan.....	Reporter, St. Paul, Minn.
Joseph E. Rankin.....	Minister, Long Lake, Minn.
Mary J. Rankin.....	Missionary Teacher, Ozone, Tenn.
Max. M. Wiles.....	Minister, Princeville, Ill.
Willam H. Weber.....	Business, Bayfield, Wis.

### Class of 1904.

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

**Class of 1905.**

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

**Class of 1906.**

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

**Class of 1907.**

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

### Class of 1908.

George Kemp Aiken.....	Reporter, Tacoma, Wash.
Hanna Sophia Berg.....	Teacher, Grantsburg, Wis.
Ralph Brinks.....	Principal, Buffalo, N. D.
Richard Stanley Brown.....	Theo. Student, Chicago, Ill.
Edith Frederica Cale.....	Worthington, Minn.
Clifford Clement Cornwell....	Theo. Student, Auburn, N. Y.
Evan Milton Evans.....	Law Student, St. Paul, Minn.
Rosella Evans.....	Teacher, Anamoose, N. D.
James Todd Guy.....	Law Student, St. Paul, Minn.
Mary Elizabeth Guy.....	Principal, Sherburne, Minn.
Walter Mell Hobart.....	Teacher, Verona, N. D.
Lucy MaBelle Hyslop.....	Chester, Minn.
Nina Foy Johnson.....	Fairmount, Minn.
Margaret Edith Lakey-McDonald.....	Chicago, Ill.
Peter McEwen.....	Theo. Student, Chicago, Ill.
Luke Edward Marvin.....	Duluth, Minn.
Martha Bessy Olson-Bromley.....	Sitka, Alaska
Stanley Hall Roberts.....	Theo. Student, Chicago, Ill.
Lydia Anna Schroedel.....	Teacher, No. St. Paul, Minn.
Clarence Mason Stearns.....	Business, St. Paul, Minn.
Robert Sinclair Wallace.....	
	U. S. Forestry Service, Hot Springs, Ark.

### Class of 1909.

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

### Class of 1910.

George Samuel Barclay Acheson.....	
	Theo. Student, San Anselmo, Cal.
William Jefferson Bell.....	Theo. Student, Princeton, N. J.
Joseph Vaclav Beran.....	Hibbing, Minn.
Charles Taylor Burnley.....	Hudson, Wis.
Edward John Carson.....	Theo. Student, Chicago, Ill.
John Andrew Evert....	Med. Student, U. of M., St. Paul, Minn.
June Rose Evert.....	St. Paul, Minn.
Albert Howard Gammons....	Theo. Student, San Anselmo, Cal.
Jesse Willis Hamblin.....	Theo. Student, Chicago, Ill.
Stanley Hurlbut Hodgman.....	
	Student, Boston Tech., Boston, Mass.



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William Andrew Horne.....	Theo. Student, Chicago, Ill.
Helen Mary Hunt.....	Teacher, St. Croix Falls, Wis.
Edward Henry Joesting.....	Theo. Student, St. Louis, Mo.
John Archibald McEwen.....	Theo. Student, Chicago, Ill.
Sarah Grace McMartin.....	Teacher, Jordan, Minn.
Pearl Alma Nash.....	Teacher, Preston, Minn.
Mildred Gretchen Phillips..	Teacher of Music, St. Paul, Minn.
Minnie Mae Pierson.....	Minnewaukan, N. D.
Mary Elsie Raymond.....	Teacher, Beachley, Ore.
Gladys Isabelle Roberts.....	Minneapolis, Minn.
Jeannette Paulina Sawyer.....	St. Paul, Minn.
Frederick Samuel Shimian.....	Theo. Student, Omaha, Nebr.
Elmer Stuart Smith.....	Law Student, St. Paul, Minn.
Elizabeth Libby Staples.....	St. Paul, Minn.
Vernon Elliott Stenerson.....	.....
	Student, Harvard U., Cambridge, Mass.
Norman Kendall Tully.....	Y. M. C. A., St. Paul, Minn.
Ruth Minerva von Dorn-Gammons.....	San Anselmo, Cal.
June Adelia Woodward.....	Granite Falls, Minn.

## Alumni of the School of Music.

### Class of 1900.

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

### Class of 1901.

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

### Class of 1905.

Grace Taylor, voice.....

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

### Class of 1906.

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

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

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

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

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

### Class of 1907.

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

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

### Class of 1908.

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

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

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

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

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

### Class of 1909.

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

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

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

### Class of 1910.

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

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

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

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

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

# Roll of Students.

## COLLEGE.

### Senior Class.

William Ernest Baskerville.....	Spicer, Minn.
Charles Bremicker.....	St. Paul, Minn.
Allan Hill Brown.....	Waukesha, Wis.
Homer Clyde Cardle.....	Blue Earth, Minn.
Fred Franklin Carson.....	LeSueur, Minn.
Janet Isabella Dodds.....	Claremont, Minn.
Donald Smith Doty.....	St. Paul, Minn.
Effie Miranda Ellison.....	La Moure, N. D.
Hulda Olivia Ellison.....	La Moure, N. D.
Oscar Melvin Ellison.....	La Moure, N. D.
Marjory Lucy Hanson.....	Warren, Ohio
Bayard William Heed.....	Cokato, Minn.
Arthur Billings Hunt.....	St. Paul, Minn.
Ernest Wilburt Johnson.....	Neche, N. D.
Ina Elizabeth Lindsley.....	Marshall, Minn.
Anna Mae Little.....	Plover, Iowa.
Luella Irene Murphy.....	Madelia, Minn.
William Earls Noyes.....	Stephen, Minn.
Adelaide Wadsworth Payne.....	St. Paul, Minn.
Russell Stephen Peterson.....	Willmar, Minn.
Leland William Porter.....	St. Paul, Minn.
Edna Francis White.....	Amboy, Minn.

### Junior Class.

Dorothy Elizabeth Baumgart.....	St. Paul, Minn.
James Brinks.....	Princeton, Minn.
Orville Clifton Cardle.....	Blue Earth, Minn.
Bessie Florence Clark.....	St. Paul, Minn.
Mabel Emma Cosgrove.....	LeSueur, Minn.
Elva May Davis.....	Madison, S. D.
Louise Lombard Davison.....	Madison, S. D.
Jessie Ellen Fisher.....	Forest Lake, Minn.
Clarence Oscar Graue.....	Blue Earth, Minn.



Florence Hunt .....	St. Paul, Minn.
Earl Duane Jenckes.....	Pipestone, Minn.
Clarence Eugene Johnson.....	Cokato, Minn.
Marion Burdick Jones.....	Wabasha, Minn.
Rudolf Kastanek.....	Breziny, Policka, Bohemia.
Ruth Anna McKinley.....	Medford, Minn.
Louis Whitford Matteson.....	Williston, N. D.
Clarice Audrey Miller.....	Ely, Minn.
John Gottfried Schmidt.....	Blue Earth, Minn.
Ella Adelia Stearns.....	Jasper, Minn.
Edna Alda Stewart.....	Delhi, Minn.
Cassie Marie Stoddart.....	St. Paul, Minn.
Louise Antoinette Walvoord.....	Cedar Grove, Wis.
Oakley Russell Tripp.....	Round Lake, Minn.
Oscar Westerlund.....	St. Paul, Minn.
Muriel Faye Wheeler.....	Litchfield, Minn.
Harry Merrium Willmert.....	Blue Earth, Minn.
Ralph Calvin Wilson.....	Maine, Minn.

### Sophomore Class.

Remsen Marsh Bell.....	Washburn, Wis.
Clara Berdan.....	Chatfield, Minn.
Enoch Newman Bengtson.....	Rush City, Minn.
Roscoe James Brown.....	Sylvan, Minn.
Ragna Leonora Bye.....	Kenmare, N. D.
Gladstone Wilfrid Campbell.....	Superior, Wis.
Paul Ephraim Carlson.....	Harris, Minn.
George Oliver Chase.....	Florence, Nebr.
Mary Bernice Clark.....	Eden Prairie, Minn.
Leonard Alvin Clark.....	Eden Prairie, Minn.
Archie Earl Dean.....	Craik, Sask.
Emma Joy Frederick.....	Delano, Minn.
William Henry Wallace Holley.....	East Grand Forks, Minn.
Berenice Antoinette Kellogg.....	St. Paul, Minn.
Del Leslie Laughlin.....	Lisbon, N. D.
Bessie Elizabeth Lovell.....	Amboy, Minn.
Grace Eloise McClure.....	Litchfield, Minn.
Robert Lee McCornack.....	St. Paul, Minn.
Helen B. McMillan.....	Belview, Minn.
John Samuel Nyquist.....	Dassel, Minn.
Florence Amelia Otis.....	St. Paul, Minn.
Pearl Marguerite Palmer.....	Madison, S. D.
Norton Walter Peet.....	Wolverton, Minn.
William Conkey Phillips.....	Preston, Minn.
Ruth Lynn Porter.....	Madison, S. D.
Harold Percy Roberts.....	Minneapolis, Minn.
Adeline Marie Rosebrock.....	Owatonna, Minn.

William Ellison Scott.....	Two Harbors,	Minn.
Ray Simons.....	Virginia,	Minn.
Marie Gertrude Smits.....	LeRoy,	Minn.
James Merton Snyder.....	Fulda,	Minn.
Olive Bätterbee Southwell.....	Minneapolis,	Minn.
John H. Styles, Jr.....	Willmar,	Minn.
Florence Adell Switzer.....	Two Harbors,	Minn.
John Daniel Thomas.....	Lime Springs,	Iowa.
John Russel Thomas.....	Sherburn,	Minn.
Mabel Edith Trenerry.....	Hibbing,	Minn.
Katie Lillian White.....	Claremont,	Minn.
Vera Mae Zimbeck.....	Montevideo,	Minn.

### Freshman Class.

Carrie Ellen Alvord.....	Washburn,	Wis.
Richard Harlow Anderson.....	Donnelly,	Minn.
Wallace Jay Anderson.....	Eden Prairie,	Minn.
Harold Harvey Baldwin.....	Milnor,	N. D.
Coral Barnard.....	Mankato,	Minn.
Edwin Blois Barrett.....	Browns Valley,	Minn.
Harriett Matilda Bartlet.....	St. Cloud,	Minn.
Romona Bell.....	St. Paul,	Minn.
Hosea Greenwood Bosley.....	Harlem,	Mont.
Arthur George Brown.....	Eden Prairie,	Minn.
Elizabeth Sellers Brown.....	Oakes,	N. D.
Truman Dean Brown.....	Eden Prairie,	Minn.
Margaret Buckbee.....	Minneapolis,	Minn.
Lenna May Campbell.....	Minneapolis,	Minn.
Lulu Ellen Carey.....	Duluth,	Minn.
Edwin Maurice Clark.....	Eden Prairie,	Minn.
Margaret McGregor Doty.....	St. Paul,	Minn.
Leslie Lisle Druley.....	Esterville,	Iowa.
Vera Margery Dunlap.....	St. Paul,	Minn.
Tilda Alvina Fering.....	Lamberton,	Minn.
Lloyd Gilmore.....	Hope,	N. D.
G. David Gustafson.....	Rush City,	Minn.
William Harry Haly.....	Cable,	Wis.
Urban H. Hanson.....	Ashland,	Wis.
Glenn Schuyler Hendryx.....	Austin,	Minn.
Margaret Howard.....	Tower City,	N. D.
Harold Edwin Hullsiek.....	St. Paul,	Minn.
Emil William Jahnke.....	Pepin,	Wis.
Pearl Johnson.....	St. Paul,	Minn.
Robert Loyd Lang.....	Mapleton,	Minn.
Myrtle Alicia Little.....	LeSueur,	Minn.
Edward Everett McCabe.....	St. Paul,	Minn.
Hazel May McClintock.....	Owatonna,	Minn.

Lois Euphemia McEwan.....	Alexandria, Minn.
Thomas McMillan.....	St. Paul, Minn.
William Manheimer.....	St. Paul, Minn.
Lillian E. Miller.....	Prior Lake, Minn.
John Frederick Mueller.....	Morgan, Minn.
Joseph Robert Neller.....	Hayfield, Wis.
Arthur Emanuel Nelson.....	Brown's Valley, Minn.
Winne Marie Norton.....	Hudson, Wis.
Evelyn Pickthorn.....	Brown's Valley, Minn.
Helen Marie Prosser.....	Duluth, Minn.
Alfred Quackenbush.....	Duluth, Minn.
Mark Matthew Reed.....	St. Paul, Minn.
Gertrude Gray Smith.....	St. Paul, Minn.
Lillian Stapleton.....	Minneapolis, Minn.
Ole Strand.....	Towner, N. D.
Helen Antonia Stratte.....	Dawson, Minn.
Selma Ovidia Stratte.....	Dawson, Minn.
Frank Willis Street.....	St. Paul, Minn.
John William Stuhr.....	Euclid, Minn.
Lola Edith Terry.....	Lamberton, Minn.
Charles Albert Thomas.....	Brown's Valley, Minn.
Emma Anna Treibel.....	St. Paul, Minn.
Della Ann Trotter.....	Dawson, Minn.
Lucius Harlow Watkins.....	Carlton, Minn.
Louise G. Weaver.....	Anoka, Minn.
Susie Frances White.....	Claremont, Minn.

### Special Students.

Erna Wilhelmina Martha Appel.....	Springfield, Minn.
William Alfred Chapman.....	Waltham, Minn.
Solomon David David.....	Damascus, Syria.
Everett H. Hale.....	Minneapolis, Minn.
Faith Clara Hardy.....	Morris, Minn.
Walter Joseph Kennedy.....	St. Paul, Minn.
Elmer Shepard McCourt.....	St. Paul, Minn.
Marie Footner Moreland.....	St. Paul, Minn.
Arvid Jacob Ostling.....	St. Paul, Minn.
Albert Henry Porter.....	Duluth, Minn.
Theresa Rea.....	Rockford, Ill.
Samuel Gottlieb Schfek.....	Grant Park, Ill.
Mabel Seymour.....	St. Paul, Minn.
Charles Daniel Sneller.....	Minneapolis, Minn.
Willard Grandy Taylor.....	Minneapolis, Minn.
Mildred Ruth Way.....	St. Paul, Minn.



## BALDWIN SCHOOL.

## Senior Class.

Phyllis Atherton Drew.....	St. Paul, Minn.
James Ross DuShane.....	St. Paul, Minn.
Steele Fisher.....	Armstrong, B. C.
Margaret Elizabeth Harrison.....	St. Paul, Minn.
Helen Ruth Jackson.....	St. Paul, Minn.
Erma Johnson.....	St. Paul, Minn.
Blanche Hazel Macdonell.....	St. Paul, Minn.
Emily Helen Payne.....	St. Paul, Minn.
Harold M. Sims.....	Grangeville, Idaho.
Julia Marshall Slack.....	St. Paul, Minn.
Dorothy Elizabeth Thomas.....	St. Paul, Minn.
Ruth Tormey.....	St. Paul, Minn.
Clarence Henning Turnquist.....	Minneapolis, Minn.
Ada Helen Wilcox.....	Minneapolis, Minn.
Elda Mary Wilson.....	Maine, Minn.

## Junior Class.

Esther Clara Abbetmeyer.....	St. Paul, Minn.
George William Barbo.....	Deronda, Wis.
Julia Bratheng.....	Battle Lake, Minn.
Jean Brawley.....	St. Paul, Minn.
Grace Brown.....	St. Paul, Minn.
Alice Blanche Carlson.....	St. Paul, Minn.
Marie Thaasen Dahlquist.....	Watauga, S. D.
Francis Marion Dana.....	St. Paul, Minn.
Margaret Marie Defiel.....	St. Paul, Minn.
Margaret Douglass Downing.....	St. Paul, Minn.
Gwendolyn Latimer Eastman.....	St. Paul, Minn.
Christopher Leo Kenny.....	St. Paul, Minn.
Frederick Joseph Kenny.....	St. Paul, Minn.
Alvin Otto Leuzinger.....	Waverly, Minn.
Mabel Lenore Lundsten.....	Waconia, Minn.
John Thomas McCallum.....	St. Paul, Minn.
Margaret Christina McRae.....	Lee, Mont.
Loana Miriam Miller.....	St. Paul, Minn.
Erling Monnes.....	Portland, Oregon.
Nina Carol Moore.....	St. Paul, Minn.
Earl Coy Padelford.....	Austin, Minn.
Carl Esbjorn Schnur.....	St. Paul, Minn.
Zylpha Lauretta Sharpe.....	St. Paul, Minn.

Mabel Parthenia Smith.....	St. Paul, Minn.
Vera Marie Utter.....	St. Paul, Minn.
Mary Helen Wade.....	St. Paul, Minn.
George William Wells.....	St. Paul, Minn.

### Sophomore Class.

Theodore Emil Anderson.....	St. James, Minn.
Albert Christopher Barbo.....	Deronda, Wis.
Henry Stephen Blomberg.....	MacGregor, Minn.
Lucy McRae Bosley.....	Harlem, Mont.
Charles Henry Bronson.....	Minneapolis, Minn.
Isabel Orva Brown.....	Hensler, N. D.
Charlotte Agatha Burlington.....	Bolivar, N. Y.
Chester Louis Coleman.....	St. Paul, Minn.
Katharine Currie Davies.....	St. Paul, Minn.
Clara Genevieve Emmons.....	Bethel, Minn.
Grace Stewart Ewing.....	St. Paul, Minn.
Luther Barwise Harrison.....	White Bear, Minn.
Henry Alex Holmberg.....	St. Paul, Minn.
Henry Lewis.....	Minneapolis, Minn.
Charles Pfister Loew.....	Shakopee, Minn.
Chester McLeod.....	Duluth, Minn.
Stuart Ainslie McLeod.....	St. Paul, Minn.
Helen Minerva Moore.....	St. Paul, Minn.
Samuel Banks Nelson.....	Minneapolis, Minn.
Mildred Pederson.....	Strum, Wis.
Katherine Meredith Phillips.....	Minneapolis, Minn.
Grace Seigman.....	St. Paul, Minn.
Harriet Smuckler.....	St. Paul, Minn.
Madge Ione Smith.....	St. Paul, Minn.
Herbert Mortimer Temple.....	St. Paul, Minn.
Miriam Winifred Wallace.....	St. Paul, Minn.

### Freshman Class.

Paul Arp.....	Luverne, Minn.
Everett Franklin Bosley.....	Harlem, Mont.
Henrietta Brawley.....	St. Paul, Minn.
Ernest Frederick Bremmer.....	St. Paul, Minn.
Bernice Burk.....	Minneapolis, Minn.
John Archibald Davies.....	St. Paul, Minn.
Nora Ellen Denton.....	Wendell, Minn.
Clara Petrena Draxton.....	Minneapolis, Minn.

Lucy Leah DuFresne.....	St. Paul, Minn.
Frances Dunning.....	St. Paul, Minn.
Alice Mary Eamés.....	Osnabrock, N. D.
Myrtle Eha.....	St. Paul, Minn.
Wavey Annie Elifson.....	St. Paul, Minn.
Ernest Burl Emmons.....	Bethel, Minn.
Charles George Gordon Fisher.....	Forest Lake, Minn.
Roy Gardner Foote.....	St. Paul, Minn.
James Wentworth Freeman.....	St. Paul, Minn.
Howard Edwin Frost.....	St. Paul, Minn.
Dorothy Carolyn Gaver.....	St. Paul, Minn.
Raymond Kirk Gooch.....	St. Paul, Minn.
Lucile Janet Harrison.....	St. Paul, Minn.
Marion Regina Hinners.....	St. Paul, Minn.
Mary Amelia Hitchcox.....	St. Paul, Minn.
Frank Orville Holmes.....	St. Paul, Minn.
Eugene Wilbur Hunt.....	St. Paul, Minn.
John Macfariane Johnson.....	St. Paul, Minn.
Ruth Hamilton Johnston.....	St. Paul, Minn.
Therian Cecil Lemon.....	St. Paul, Minn.
Irvin Aden Lowry.....	Oakland, Minn.
Dean Esther McCorquodale.....	Delhi, Minn.
Wendell Scott McRae.....	St. Paul, Minn.
Swan William Mattson.....	Kensington, Minn.
Ruth Ludlow Moore.....	St. Paul, Minn.
Margaret Sylvia Mount.....	St. Paul, Minn.
Mabel Nichois.....	St. Paul, Minn.
Ruth Nickel.....	St. Paul, Minn.
Lee Schindel.....	St. Paul, Minn.
Doris Margaret Slocum.....	St. Paul, Minn.
Myrtle Florence Smith.....	St. Paul, Minn.
Lewis James Symonds.....	Wendell, Minn.
Hazel Van Etten.....	St. Paul, Minn.
Valeta Viola Ward.....	St. Paul, Minn.

### Special Students.

Frances Genevieve Birkett.....	Ellsworth, Minn.
Martha Boyce.....	Fargo, N. D.
Margaret Anderson Clow.....	St. Paul, Minn.
William Albert Dalton.....	Birmingham, Eng.
Ada Ernst.....	St. Paul, Minn.
John Leslie Harvey.....	Minneapolis, Minn.
Edythe Henry.....	St. Paul, Minn.
Hans McIntyre Hilley.....	Glasgow, Scotland.
Lillian K. McRae.....	Lee, Mont.
Margaret Helen Prothero.....	Minneapolis, Minn.
William Riley.....	St. Paul, Minn.



Leo De Rochford.....	Austin, Minn.
Elsie E. Scott.....	Forest Grove, Ore.
Lena Underdahl.....	St. Paul, Minn.
John Russell Williams.....	Minneapolis, Minn.

### MUSIC STUDENTS.

Erna Wilhemina Martha Appel.....	Springfield, Minn.
Louise Anna Christine Appel.....	Springfield, Minn.
Nelle Ballantyne.....	Glendive, Mont.
Frances Genevieve Birkett.....	Ellsworth, Minn.
Elizabeth Sellers Brown.....	Oakes, N. D.
Roscoe James Brown.....	Sylvan, Minn.
Charlotte Agatha Burlington.....	Bolivar, N. Y.
Margaret Anderson Clow.....	St. Paul, Minn.
Elva May Davis.....	Madison, S. D.
Alice Mary Eames.....	Osnabrock, N. D.
Edith May Ellison.....	La Moure, N. D.
Tilda Alvina Fering.....	Lamberton, Minn.
Katherine Gamble.....	Wayne, Nebr.
Dorothy Carolyn Gaver.....	St. Paul, Minn.
Maud Mary Gimbert.....	Rochester, Minn.
Myrtha Marie Gunderson.....	St. Paul, Minn.
Ethel Haggard.....	Mankato, Minn.
Flora Harriet Hamilton.....	Rochester, Minn.
Jeannette Headley.....	Two Harbors, Minn.
Stella Wilhelmina Heger.....	St. Paul, Minn.
Margaret Howard.....	Tower City, N. D.
Pearl Johnson.....	St. Paul, Minn.
Henrietta Lambrecht.....	St. Paul, Minn.
Jennie Lewis.....	Winnipeg, Man.
Anna Mae Little.....	Plover, Iowa.
Ruth Anna McKinley.....	Medford, Minn.
Lillian McRae.....	Lee, Mont.
Margaret Christina McRae.....	Lee, Mont.
Edna L. Mohr.....	Buffalo, N. D.
Peryl W. Oakley.....	Minneapolis, Minn.
Lottie May Olson.....	Argyle, Minn.
Iva Mannelle Palmer.....	Madison, S. D.
Pearl Marguerite Palmer.....	Madison, S. D.
Amy Ruth Peterson.....	St. Paul, Minn.
Adeline Marie Rosebrock.....	Owatonna, Minn.
Marie Barbara Rothfus.....	St. Paul, Minn.
Elsie Elizabeth Scott.....	Forest Grove, Ore.
Lillian Simpkins.....	St. Paul, Minn.
Julia Carson Stockett.....	Bankhead, Alberta.
Mary Frances Symonds.....	Wendell, Minn.
Hanna Henrietta Voskuil.....	Baldwin, Wis.
Miriam Winifred Wallace.....	St. Paul, Minn.

**SUMMARY OF STUDENTS.**

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