

Macalester College Bulletin

CATALOG NUMBER

April, 1940

Volume XXVIII

Number 7

Macalester College

Bulletin

CATALOG NUMBER



1940

Accredited by the North Central Association of Colleges and
Secondary Schools as a degree granting institution.

SAINT PAUL, MINNESOTA

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

Acceptance for mailing at special rate of postage pro-
vided for in Section 1103, Act of October
3, 1917, authorized July 31,
1918.

Published Monthly except August and September

1940							•• 1941 ••							1942													
JULY							JANUARY							JULY							JANUARY						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
..	1	2	3	4	5	6	1	2	3	4	1	2	3	4	5	1	2	3
7	8	9	10	11	12	13	5	6	7	8	9	10	11	6	7	8	9	10	11	12	4	5	6	7	8	9	10
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21	22	23	24	25	26	27	19	20	21	22	23	24	25	20	21	22	23	24	25	26	18	19	20	21	22	23	24
28	29	30	31	26	27	28	29	30	31	27	28	29	30	31	25	26	27	28	29	30	31	
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AUGUST							FEBRUARY							AUGUST							FEBRUARY						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
..	1	2	3	1	2	1	2	3	1	2	3	4	5	6	7
4	5	6	7	8	9	10	2	3	4	5	6	7	8	3	4	5	6	7	8	9	8	9	10	11	12	13	14
11	12	13	14	15	16	17	9	10	11	12	13	14	15	10	11	12	13	14	15	16	15	16	17	18	19	20	21
18	19	20	21	22	23	24	16	17	18	19	20	21	22	17	18	19	20	21	22	23	22	23	24	25	26	27	28
25	26	27	28	29	30	31	23	24	25	26	27	28	..	24	25	26	27	28	29	30
..	31	
SEPTEMBER							MARCH							SEPTEMBER							MARCH						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
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22	23	24	25	26	27	28	16	17	18	19	20	21	22	21	22	23	24	25	26	27	22	23	24	25	26	27	28
29	30	23	24	25	26	27	28	29	28	29	30	29	30	31	
..	30	31	
OCTOBER							APRIL							OCTOBER							APRIL						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
..	..	1	2	3	4	5	1	2	3	4	5	1	2	3	4	1	2	3	4		
6	7	8	9	10	11	12	6	7	8	9	10	11	12	5	6	7	8	9	10	11	5	6	7	8	9	10	11
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20	21	22	23	24	25	26	20	21	22	23	24	25	26	19	20	21	22	23	24	25	19	20	21	22	23	24	25
27	28	29	30	31	27	28	29	30	26	27	28	29	30	31	..	26	27	28	29	30	
..		
NOVEMBER							MAY							NOVEMBER							MAY						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
..	1	2	1	2	3	1	2	1	2	3		
3	4	5	6	7	8	9	4	5	6	7	8	9	10	2	3	4	5	6	7	8	3	4	5	6	7	8	9
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24	25	26	27	28	29	30	25	26	27	28	29	30	31	23	24	25	26	27	28	29	24	25	26	27	28	29	30
..	30	31		
DECEMBER							JUNE							DECEMBER							JUNE						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
1	2	3	4	5	6	7	1	2	3	4	5	6	7	..	1	2	3	4	5	6	..	1	2	3	4	5	6
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22	23	24	25	26	27	28	22	23	24	25	26	27	28	21	22	23	24	25	26	27	21	22	23	24	25	26	27
29	30	31	29	30	28	29	30	31	28	29	30		
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College Calendar

Academic Year 1940-1941

1940

- Sept. 13-14 Friday-Saturday, Freshman Tests.
Sept. 14-15 Saturday-Sunday, Freshman Camps.
Sept. 16-18 Monday-Wednesday, First Semester Registration.
Sept. 19 Thursday, 8:00 a. m., Classes begin
Nov. 11 Monday, Armistice Day.
Nov. 28-30 Thanksgiving Vacation.
Dec. 20 Friday, 4:15 p. m., Christmas Vacation begins.

1941

- Jan. 6 Monday, 8:00 a. m., Christmas Vacation ends.
Jan. 25-Feb. 1 Saturday-Saturday, First Semester Examinations.
Feb. 3-4 Monday-Tuesday, Second Semester Registration.
Feb. 5 Wednesday, 8:00 a. m., Classes begin.
Feb. 22 Saturday, Washington's Birthday.
March 15 Saturday, 7:00 p. m., Founders' Day Celebration.
March 21 Friday, Pi Phi Epsilon Initiation.
April 10 Thursday, 4:15 p. m., Spring Vacation begins.
April 21 Monday, 8:00 a. m., Spring Vacation ends.
April 25 Friday, Cap and Gown Day.
May 30 Friday, Memorial Day.
May 31-June 7 Saturday-Saturday, Second Semester Examinations.
June 2 Monday, Fifty-second Annual Commencement.

Board of Trustees

Officers of the Board

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CLARK R. FLETCHER	Vice-President
C. V. SMITH	Vice-President
CARL T. SCHUNEMAN	Vice-President
PAUL D. SCHRIBER	Secretary
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TERMS EXPIRE JUNE, 1940

C. H. BIGELOW	St. Paul
WM. P. KIRKWOOD	St. Paul
C. V. SMITH	Minneapolis
L. H. WILLIAMS	Minneapolis
REV. H. H. BALDWIN, D. D.	Minneapolis
REV. WM. J. BELL, D. D.	St. Paul
ARTHUR BRISTOW HOOD	Rapid City, S. D.
REV. HARRY NOBLE WILSON, D. D.	St. Paul

TERMS EXPIRE JUNE, 1941

*REV. WM. H. BODDY, D. D.	Minneapolis
CARL T. SCHUNEMAN	St. Paul
PAUL D. SCHRIBER	St. Paul
R. M. WEYERHAEUSER	St. Paul
REV. A. L. ODELL, D. D.	St. Paul
CLARK R. FLETCHER	Minneapolis
FRED SCHILPLIN	St. Cloud
W. MELL HOBART	Minneapolis
DAVID J. WINTON	Minneapolis

TERMS EXPIRE JUNE, 1942

E. B. KIRK	St. Paul
WATSON P. DAVIDSON	St. Paul
F. R. BIGELOW	St. Paul
C. L. HILTON	St. Paul
GEO. A. MAIRS, JR.	St. Paul
DR. WM. D. GRISE	Austin
F. F. PASKEWITZ	St. Paul
BARCLAY ACHESON	New York City

CHARLES J. TURCK, ex-officio

*Deceased April 20, 1940

Committees of the Board of Trustees

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CLARK R. FLETCHER	CHARLES J. TURCK

Annuities

C. V. SMITH, Chairman	CLARK R. FLETCHER
F. R. BIGELOW	C. L. HILTON

Commencement

CHARLES J. TURCK, Chairman	W. P. KIRKWOOD
H. H. BALDWIN	A. L. ODELL

Administration

Office of the President

Charles Joseph Turck, A. M., LL. B., LL. D., President
 Public Relations and News Bureau
 Ivan Charles Burg, A. B., Director

Office of the Comptroller

Fernam N. Budolfson, Comptroller

Office of the Dean

Clarence E. Ficken, Ph. D., Dean
 Bureau of Admissions
 George E. Scotton, A. B., Admissions Counsellor
 Bureau of Library
 Helen Stratte, A. B., Acting-Librarian
 Helen Vick, A. B., Assistant Librarian

Office of the Registrar

John P. Hall, A. B., Registrar

Office of the Director of Guidance

Fred A. Replogle, Ph. D., Director of Guidance
 Placement Bureau
 Fred A. Replogle, Ph. D., Director
 Health Service
 Maude Compeau, R. N., Director

Office of the Dean of Women

Margaret M. Doty, A. M., Dean of Women

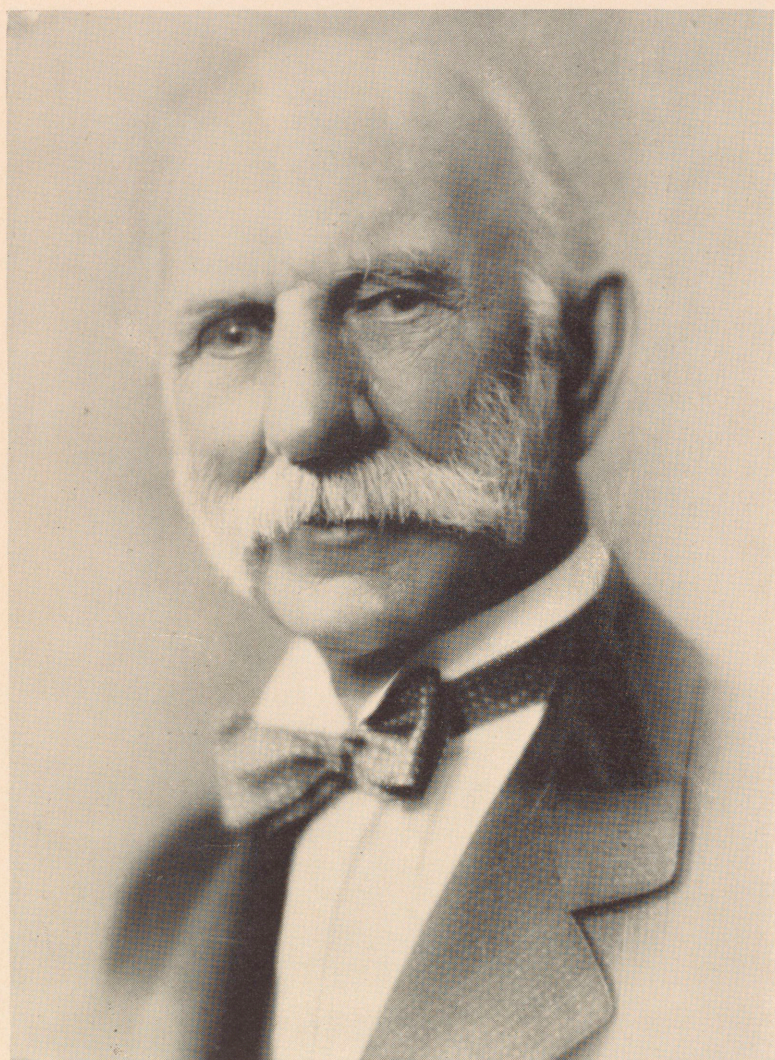
Office of the Conservatory of Music

Carl A. Jensen, A. A. G. O., Hon. T. C. L., Director

Office of Alumni Secretary

John P. Hall., A. B., Acting-Secretary

Sarah E. MacKnight, A. B., Secretary to the President
 Vivian Gilbert, Secretary to the Comptroller
 Elmer Ojimaiki, Bookkeeper
 BettyJane Peterson, A. B., Secretary, Student Financial Affairs
 Margaret Hammond, A. B., Secretary to the Deans
 Irma Gowans, A. B., Secretary to Admissions Counsellor
 Dorothy Henningsen, S. B., Assistant in Library
 Lorraine Stegner, Secretary to the Registrar
 Frances Raybourn, Secretary to Director of Guidance
 Charlotte Graham, House Director Wallace Hall
 Daniel Hughes, A. M., House Director Kirk Hall
 Mrs. Mary Hughes, S. B., Co-Director Kirk Hall and
 Manager of the Commissary
 Norman McRae, Superintendent of Buildings and Grounds



James Wallace

MARCH 12, 1849 - AUGUST 23, 1939

Graduate of College of Wooster 1874

Master of Arts, College of Wooster 1877

Doctor of Philosophy, College of Wooster 1887

Doctor of Laws, College of Wooster 1892

Doctor of Divinity, Macalester College 1923

Adjunct Professor of Greek and Principal of
The Academy, College of Wooster, 1876-1886

Professor of Greek Language, Macalester College,
1887-1906

President, Macalester College, 1894-1906

Professor of Biblical Literature, Macalester College,
1909-1934

President Emeritus, Macalester College 1932-1939

College Faculty

The names in each group are arranged (with exception of the President and President-Emeritus) on the basis of collegiate seniority.

(The figures in parentheses indicate the year of beginning service for Macalester College)

CHARLES JOSEPH TURCK, President (1939)
A. B., Tulane University, 1911; A. M., Columbia University 1912;
LL. B., 1913; LL. D., Kentucky Wesleyan College, 1928;
Cumberland University, 1930; Tulane University, 1935.

†JAMES WALLACE, President Emeritus.
Professor of Biblical Literature on the
Frederick Weyerhaeuser Foundation. (1887)

A. B., College of Wooster, 1874; A. M., 1877; Ph. D., 1887;
LL. D., 1892; D. D., Macalester College, 1923.

‡ANDREW WORK ANDERSON, Professor of Philosophy. (1891)
A. B., College of Wooster, 1889; A. M., 1892.

‡DAVID NEWTON KINGERY, Professor of
Mathematics and Astronomy. (1896)
A. B., Wabash College, 1893; A. M., 1899.

JOHN PORTER HALL, Registrar.
Professor of Greek. (1897)
A. B., Princeton University, 1897.

RICHARD URIAH JONES, Professor of Chemistry. (1901)
A. B., Macalester College, 1901; A. M., University of Wisconsin,
1916; Sc. D. Macalester College, 1926.

HUGH STUART ALEXANDER, Professor of Geology. (1906)
A. B., Macalester College, 1899; A. M., University
of Minnesota, 1905; Ph. D., 1931.

GLENN CLARK, Professor of English. (1912)
Ph. B., Grinnell College, 1905; A. M., Harvard University, 1908.

MARGARET MacGREGOR DOTY, Dean of Women.
Professor of English. (1920)
A. B., Macalester College, 1914; A. M., Columbia
University, 1927.

OTTO THEODORE WALTER, Professor of Biology. (1922)
A. B., State University of Iowa, 1916;
A. M., 1917; Ph. D., 1923.

†Deceased, August 23, 1939

‡Retired

- CLARENCE ELWOOD FICKEN, Dean of the College. Professor of French. (1924)
A. B. Baldwin-Wallace College, 1916; A. M., Northwestern University, 1917; Ph. D., University of Wisconsin, 1937.
- SAMUEL FLOYD FRANKLIN, Professor of Psychology. (1925)
A. B., Princeton University, 1912; A. M., 1914; B. D., Princeton Seminary, 1915; Ph. D., New York University, 1925.
- KENNETH LEEDS HOLMES, Professor of History. (1925)
A. B., Yale University, 1917; A. M., University of Louisville, 1925.
- ‡INA ANNETTE MILROY, Professor of German. (1925)
Ph. D., University of Berlin, 1904.
- EDWIN KAGIN, Professor of Religion, on the Thomas W. Synnott Foundation. (1926)
A. B. Centre College, 1904; B. D. Kentucky Theological Seminary, 1907; Th. M., Princeton Seminary, 1922; A. M., Princeton University, 1923; D. D., Centre College, 1937.
- FRANK EARL WARD, Professor of English. (1926)
A. B. Oberlin College, 1922; A. M., 1923.
- RUSSELL BYRON HASTINGS, Professor of Physics. (1929)
A. B., Clark University, 1924; A. M., 1925.
- CHESTER HINES SHIFLETT, Professor of Chemistry. (1929)
A. B. Kingfisher College, 1921; A. M., Clark University, 1923; Ph. D., University of Minnesota, 1933.
- FORREST ALBERT YOUNG, Professor of Economics. (1929)
S. B., Monmouth College, 1922;
A. M. University of Chicago, 1926.
Ph. D., State University of Iowa, 1938.
- RAYMOND JAY BRADLEY, Professor of Education (1932)
S. B., Cornell College, Iowa, 1912; Ph. D., University of Minnesota, 1929.
- ‡JOHN BOLTON KELSO, Professor of Art Appreciation. (1933)
A. B. Washington and Jefferson, 1894; Ph. D., U. of Leipzig, 1904.
- KANO IKEDA, F. A. C. P., Professor of Medical Technology (1937)
M. D. University of Illinois, 1914.

‡Retired

- NORMAN FRANK COLEMAN, Professor of English and
Special Educational Counsellor. (1939)
A. B., University of Toronto, 1900; A. M., Harvard, 1906;
LL. D., Mills College, 1925; University of Oregon, 1935.
- GRACE BEE WHITRIDGE, Associate Professor of
Dramatic Art. (1900)
Graduate Boston School of Oratory, 1890; post-graduate, 1891;
Graduate New York Academy of Dramatic Art, 1899.
- GRACE LOVELL MAY, Associate Professor of English. (1924)
A. B., University of Minnesota, 1904; A. M., 1917.
- CARL A. JENSEN, Associate Professor of Musical Theory
and Organ. (1925)
A. A. G. O., 1924; Hon. T. C. L., 1935.
- BORGHILD SUNDHEIM, Associate Professor of French. (1927)
S. B., University of Minnesota, 1925; A. M., 1927;
Ph. D., 1935.
- GEORGIANA PAINE PALMER, Associate Professor
of Latin. (1929)
A. B., Smith College, 1921; A. M., 1924; Ph. D.
University of Chicago, 1932.
- MILTON DUNCAN McLEAN, Associate Professor of
Religion. (1931)
S. B., University of Minnesota, 1921; D. B., Presbyterian Theo-
logical Seminary, Chicago, 1925; A. M., University of Chicago, 1931.
- MARION WILLIAM BOGGS, Associate Professor
of Political Science. (1935)
A. B., University of Missouri, 1931; A. M., 1932;
Ph. D., University of Chicago, 1940.
- EZRA JOHN CAMP, Associate Professor of Mathematics. (1937)
A. B., Goshen College, 1928; S. M., University of Chicago,
1932; Ph. D., 1935.
- FRANK GROSE MESERVE, Associate Professor of Biology. (1937)
A. B., University of Nebraska, 1921; A. M., Northwestern
University, 1928; Ph. D., University of Nebraska, 1935.
- FREDERICK ALLEN REPLOGLE, Director of Guidance.
Associate Professor of Psychology and Education. (1938)
A. B. Manchester College, 1921; A. M. Northwestern University,
1927; Ph. D., University of Chicago, 1936.

- GABRIEL FENYVES, Associate Professor of Piano (1939).
Educated in Austria; Hon. D. Mus., Boguslawski College
of Music, Chicago, 1939.
- DAVID CLAIR PRIMROSE, Assistant Professor and Director of
Physical Education for Men. (1926)
S. B., Bellevue College, 1911; B. P. E., Association
College, Chicago, 1916.
- §MARY GWEN OWEN, Assistant Professor of Dramatic Art. (1928)
A. B., Macalester College, 1923; A. M., University
of Minnesota, 1936.
- HOLLIS LOWELL JOHNSON, Assistant Professor of Music. (1932)
A. B. Macalester College, 1932; Diploma Macalester Con-
servatory of Music, 1932.
- CHARLES ALVIN CARLETON, Assistant Professor
of German. (1933)
A. B., University of Minnesota, 1928; A. M., 1931.
- WILLIAM AUGUSTUS CORNELL, Assistant Professor of
Sociology. (1934)
Ph. B., University of Wisconsin, 1923; A. M., University
of Chicago, 1927.
- MRS. RUTH HANSON KOONTZ, Assistant Professor of
Sociology, in charge of Social Work. (1935)
A. B., University of Minnesota, 1913; New York School of
Social Work Certificate, 1918.
- GORDON HARRISON, Assistant Professor of Spanish. (1936)
Ph. B., University of Chicago, 1925; A. M., University
of Michigan, 1935.
- KENNETH ARCHIBALD BROWN, Assistant Professor of
Philosophy. (1937)
A. B., Carleton College, 1930; A. M., Harvard University, 1932.
- RUTH SCHELLBERG, Assistant Professor and Director of
Physical Education for Women. (1938)
S. B. University of Nebraska, 1934; M. A. New York
University, 1937.
- MRS. DELBERT SUNDEEN, Assistant Professor of French. (1938)
A. B., Hamline University, 1920; A. M., University
of Minnesota, 1926.

§Leave of absence, second semester

- MRS. RENATA RUTH WASSON, Assistant Professor
of History. (1939)
A. B., University of North Dakota, 1928; A. M., University
of Minnesota, 1930.
- C. SVERRE NORBORG, Visiting Professor of Philosophy. (1939)
A. B., Oslo Cathedral School, 1920; A. M., University
of Oslo, 1925; Ph. D., 1935.
- OLLIE OLSON, Athletic Coach. (1939)
A. B., Northwestern University, 1934;
Ed. M., Boston University, 1936.
- BARBARA KETCHUM, Assistant Professor of Speech. (1940)
A. B., Wellesley College, 1937.
- KARL HAROLD LEVANDER, Debate Coach. (1933)
A. B., Gustavus Adolphus College, 1932; LL. B.,
University of Minnesota, 1935.
- GEORGE ALEXANDER MAIRS, JR., Instructor in
Economics. (1933)
A. B., Lafayette College, 1923; A. M., University
of Minnesota, 1930.
- FRANCES HANLEY, Instructor in English. (1936)
A. B., Macalester College, 1932.
- IVAN CHARLES BURG, Instructor in English. (1936)
A. B., Macalester College, 1934.
- FRIEDA CLAUSSEN, M. T., Instructor in Medical
Technology. (1937)
B. S., Smith College, 1920.
- HILDE LYNCKER, Instructor in German. (1938)
Graduate of the Universities of Heidelberg and Kiel, Germany,
1929; A. M. Smith College, 1931.
- FRANK JOSEPH POLANSKY, Instructor in Mathematics. (1938)
A. B. University of Minnesota, 1936; A. M. 1938.
- MRS. WALDRON DOUGLAS, Instructor in Speech. (1939)
A. B., Macalester College, 1936.
- DANIEL EDISON HUGHES, Instructor in Psychology. (1939)
S. B., Iowa State College, 1934; A. M., University of
Minnesota, 1940.

- GEORGE B. RISTY, Instructor in Economics. (1939)
A. B., Augustana College, 1932.
- HELEN B. TRIEGLAFF, Visiting Lecturer in Art
History. (1939)
A. B., Carleton College, 1936;
A. M., University of Minnesota, 1938.
- C. RICHARD YOUNGDAHL, Instructor in Economics. (1939)
A. B., Augustana College, 1937; A. M., University
of Minnesota, 1938.
- HELEN HARRIS, Assistant in Biology Laboratory. (1938)
A. B., Macalester College, 1934; A. M., University of
Minnesota, 1938.
- ARTHUR KNUT KELSEN, Assistant in Chemistry
Laboratory. (1938)
A. B., Macalester College, 1937.
- MRS. GERTRUDE WAITS BECK, Assistant in Biology
Laboratory. (1939)
A. B., Macalester College, 1933.
- JAMES C. SCOTT, Assistant in Geology Laboratory. (1939)
B. Sc., University of Manitoba, 1938.
- BARBARA LEE DURKEE, Fellow in English. (1939)
A. B., Macalester College, 1938.
- CAROL EASTWOLD, Fellow in English. (1940)
A. B., Macalester College, 1938.
- HERMAN PETZOLD, Fellow in Speech. (1939)
A. B., Macalester College, 1939.

Committees of the Faculty

(The first named in each instance is chairman)

- Advisory Council:** Ficken, Doty, Hastings, Holmes, Shiflett.
- Athletics:** Hastings, Franklin, Harrison, Meserve, Olson (coach)
Primrose.
- Cabinet:** Turck, Alexander, Brown, Doty, Ficken, Hall, Kagin,
May, Schellberg.
- Catalog:** Hall, Burg, Holmes.
- Chapel and Convocation:** McLean, Ficken, Kagin, Replogle.
- College Functions:** Whitridge, Hall, Jensen, Stratte, Walter.
- Curriculum Committee:** Ficken, Boggs, Bradley, Camp, Jensen,
Jones, Palmer, Ward, Young.
- Library:** Alexander, Boggs, Cornell, May, Stratte (ex-officio).
- Placement:** Replogle, Bradley, Kagin, Koontz, Young.
- Religious Life and Activities:** Jones, Clark, Kagin, McLean,
Owen, Vance (ex-officio).
- Rules:** Camp, Kagin, Palmer.
- Social Affairs:** Doty, Cornell, Ficken, Primrose, Schellberg, Sund-
heim, Whitridge.
- Student Exchange:** Franklin, Harrison, McLean, Shiflett,
Sundheim.
- Student Honors:** Shiflett, Boggs, Meserve, Sundheim.

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

For discussion of curricular problems, the members of the various departments meet in informal conferences according to the following groupings:

- I. The Humanities: English, Greek, Latin, French, German, Spanish, Fine Arts, Music, Speech, History, Philosophy, Religion.
- II. The Social Studies: Economics, Sociology, Political Science, Psychology, Education, History. Philosophy and Religion (consultative).
- III. The Natural Sciences and Mathematics: Biology, Chemistry, Physics, Geology, Mathematics. Philosophy and Religion (consultative).
- IV. Physical Education.

General Information

Macalester College is a coeducational college of liberal arts and sciences, founded in 1885 and ever since maintained under the auspices of the Presbyterian Church of the U. S. A.; it is Christian in its spirit and purposes, but non-sectarian in its instruction and attitudes. The college is located in Saint Paul, Minnesota, with the campus facing Summit Avenue, one of the most beautiful residential streets in America. Its location is equidistant from the central business sections of the Twin Cities, St. Paul and Minneapolis.

Macalester College is fully accredited, a member of the North Central Association of Colleges, the Association of American Colleges, the American Council on Education, and the National Conference of Church-Related Colleges. It is on the list of colleges approved by the Association of American Universities, and also on the list approved by the American Association of University Women. Its graduates are received as graduate students in the leading universities of America.

Degree

Graduates of the College of Liberal Arts receive the degree of Bachelor of Arts.

General Purpose

Macalester College seeks to be a place of culture, where intellectual horizons are widened and young men and women find a reason for living and a source of joy in living. It stresses the humanities, science and philosophy. It would provide intellectual and social opportunities of growth for those who seek guidance toward the good life.

The primary need of all persons is to learn a way of life and to achieve spiritual integration. To meet this need, Macalester College emphasizes work in philosophy and religion. It desires to acquaint its students with the finest philosophical minds of all time and invites to its campus the leading thinkers of today. It selects for its faculty broadly trained men and women, earnest in their religious faith, thorough in their scientific knowledge, with a friendly concern for the developing personality of each individual student.

The college does not seek to impose specific religious ideas on its students. While courses in religion are given as background,

dependence is placed upon the contagion of great souls rather than upon any formal instruction in religion. As the college was founded and is maintained by Christian men and women who accept the Christian way of life, students are encouraged to examine the life of Jesus as a pattern for living and his teaching of justice and good will as the highest wisdom.

Macalester College emphasizes the courses in science, literature and the arts as the best foundation for successful professional training. The rigid demands of specialization in graduate school indicate that the undergraduate's years should be a period of intense and comprehensive cultural training. The Macalester curriculum is developed on this plan.

Macalester College insists that every student must have a broad foundation of knowledge, personal competence and constructive purpose. On this base, experience and activities can be built that will make life a joyous experience for the individual and a source of strength for society.

Specific Objectives

Macalester College seeks to provide each student with guidance, instruction, environment, facilities and experience favorable to his achievement of the following goals:

In general education:

Development by each student of his own physical, mental, emotional, social and spiritual resources for self-management and SELF-REALIZATION.

Acquisition of knowledge, attitudes, habits and skills leading toward effective COOPERATIVE EXPERIENCE in personal relationships, home life, group enterprises, civic projects and international affairs.

EXPLORATORY ACQUAINTANCE with the main fields of significant knowledge and human activity, both past and present, with a view to the appreciation and understanding of each, and of their relation to one another, the appropriation of some for recreational and avocational use, and the choice of one as a field of concentration for eventual specialization.

Cultivation of the ART OF THINKING, of the main tools and skills of thoughtful living and of the best methods for gaining

truth, including familiarity with laboratory methods, efficient habits of reading and listening, first-hand knowledge of at least one foreign language, ability to separate fact from propaganda.

Cultivation of the arts and skills of COMMUNICATING IDEAS, including thorough training in the use of the English language.

Development of a Christian PHILOSOPHY OF LIFE.

In advanced education:

Progressive MASTERY of a chosen field of knowledge.

Development of the habit of continuous EXPLORATION of the frontiers of one's specialty.

Creative activity in advancing the contribution of one's specialty to HUMAN WELFARE.

Constant interpretation of the area of specialization in PERSPECTIVE with wider fields of human interest.

In special education:

The acquisition of up-to-date knowledge of those areas of the ORGANIZED WORK of the world to which the individual is adapted or adaptable.

Progressive ADAPTATION of the student's education to his emerging APTITUDES and probable career opportunities.

Historical Sketch

Macalester College had its origin in two educational enterprises established by Dr. Edward Duffield Neill, distinguished Minnesota pioneer missionary and educator. Dr. Neill established Baldwin Academy in St. Paul in 1853, named after Mr. M. W. Baldwin, the famous locomotive builder, a financial supporter of Dr. Neill in his first educational undertakings. Dr. Neill's removal to the east, where he became secretary to President Lincoln, interfered with the plans for the academy, but in 1870 Dr. Neill returned to the west, and in 1872 established a second Baldwin Academy in the Winslow House in Minneapolis. In 1873, the owner of the Winslow House, Mr. Charles Macalester, of Philadelphia, bequeathed Winslow House to the college, which on March 5, 1874, became Macalester College in honor of the donor.

Macalester College, however, as a collegiate institution, was not opened until 1885, although it was formally incorporated in 1874. Dr. Neill was unable to secure adequate funds for the support of the college until 1880, when the Synod of Minnesota of the Presby-



terian Church U. S. A. accepted responsibility and control of the institution. The trustees of the college in 1883 donated to the college forty acres in St. Paul on which it is now established. They sold the Winslow House and with the proceeds, in 1884, erected the East Wing of the present Main Building. The Synod in the same year completed an endowment of \$25,000 for the president's chair. On these small foundations and after years of disappointment, Dr. Neill saw the college open its doors to students on September 15, 1885.

Macalester College is a coeducational institution. From 1885 to 1893, however, it was a college for men only. The first fifteen classes graduated 100 men students. The total number of graduates, including the class of 1939, is 2052 of whom 978 are men and 1174 women.

The endowment of the college has grown from \$25,000 in 1885 to \$1,990,000 in 1940. In 1904, an accumulated debt was paid off, and a campaign begun for \$300,000 endowment. The goal was completed in 1911. In 1916, a second effort raised the endowment to \$560,000. The first million dollars of endowment was completed by 1921. It is hoped that the second million may be completed this year.

The buildings on the campus have been expanded by the erection of Old Main in 1895, the Carnegie Science Hall in 1907, Wallace Hall (dormitory for women) in 1907, the gymnasium in 1924, the central heating plant in 1924, Kirk Hall (dormitory for men) in 1927, and the president's residence in 1927. The college has the use of the adjoining Macalester Presbyterian Church as a college chapel. It is also the owner of the building that houses the Conservatory of Music on Summit Avenue, a frame building which houses the college infirmary, and two residences used by faculty members. The value of the campus and buildings is \$1,253,720. The library contains 31,000 volumes and is valued at \$33,694.

Presidents of Macalester College:

- Rev. Edward Duffield Neill,* D. D., 1873-1884
- Rev. Thomas A. McCurdy,* D. D., 1884-1890
- Rev. David James Burrell,* D. D., 1890-1891
- Rev. Adam Weir Ringland,* D. D., 1892-1894
- James Wallace,* Ph. D., LL. D., D. D., 1894-1906
- Thomas Morey Hodgman,* LL. D., 1907-1917
- Rev. Elmer Allen Bess,* D. D. 1918-1923
- John Carey Acheson,* A. M., LL. D., 1924-1937
- Charles Joseph Turck, A. M., LL. B., LL. D., 1939—

*Deceased

Location

Macalester College is located in Macalester Park, in the Midway District of St. Paul, within easy access of the business centers of both St. Paul and Minneapolis. The public libraries and churches in both cities are open to the students and opportunities to hear the best in music and art—the Symphony Concerts, offerings of the Schubert Club, the St. Paul Institute, the University Concert course, opera and drama, are advantages which may be enjoyed by the students.

The campus contains forty acres with a frontage of six hundred and sixty feet on Summit Avenue.

Buildings

The Main Building contains classrooms, library and administration offices.

The Carnegie Science Hall is the gift of Mr. Andrew Carnegie. The first floor is devoted to physics and geology; the second to biology, mathematics and astronomy; and the third to chemistry.

Conservatory of Music, located on Summit Avenue, contains a recital hall, office and practice rooms.

Kirk Hall, a dormitory for men, is located on the corner of Lincoln and Snelling Avenues. It is of American Colonial style of architecture, built on the quadrangle plan in nine sections, each opening onto the central court. In most cases the rooms are arranged to provide a study-room with two, and sometimes three, adjoining bedrooms. There are also some single study-bedrooms. The building will accommodate 142 students. One section contains kitchen, dining-room and a community room.

Wallace Hall, a dormitory for women students, was named for James Wallace, late president-emeritus of the college. This three-story, fire-proof brick building contains rooms for 116 students. The drawing-rooms furnish opportunity for both informal and the more formal social activities. Although it is modern in equipment, the Hall is old enough to have built up about its family life many traditions and pleasant customs. A laundry open six days a week is available for student use.

The students of Wallace Hall participate, in cooperation with the hostess who resides in Wallace Hall, in student government. Students who have a sense of responsibility and who wish to share

the responsibility for their own activities will find here every encouragement for the development of self-government, as well as a comfortable home during their college residence.

Rice Hall, named in memory of Rev. Daniel Rice, D. D., a former professor and trustee, is a frame building facing the campus, the first floor of which is equipped for the College Health Service, containing hospital rooms, diet kitchen, small dispensary as well as nurse's quarters.

The Gymnasium, of American Colonial design, is thoroughly modern and complete. The main gymnasium floor is surrounded by a running track and spectators' balcony. The first floor also contains offices for the athletic directors of men and women, check rooms, a kitchen adequate for large social events and apparatus rooms. The second floor provides two rooms for boxing, wrestling and social events. The basement contains a standard swimming pool, hand ball courts, a field sports room and locker rooms.

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

Library

The Edward D. Neill Library contains about 31,000 volumes and is located on the ground floor of the main building. In Carnegie Science Hall are department libraries.

Two hundred and thirty-five periodicals are on file in the Library or in the department libraries.

Henry L. Moss, a former trustee of the college, and his wife, bequeathed to the college an endowment which yields an income of \$450 for the Library.

A gift of \$500.00 to endowment funds has been made by the Class of 1902, the income to be used for books and materials in the field of political science.

The Byram Foundation provides a substantial sum to be spent annually for books.

The Library is open during the college year as follows: Monday to Friday, from seven-fifty to six and from seven to nine-fifty o'clock; Saturday, from seven-fifty to six o'clock; holidays, from nine to twelve and one to five o'clock.

Other Library Privileges

Accessible for special assignments are libraries which contain one and three-quarter millions of volumes. These are: the James Jerome Hill Reference Library, which supplements the resources of other libraries and affords unusual opportunity for study and research; the St. Paul Public Library; the library of the Minnesota Historical Society, with extensive collections in American history and a manuscript department open to properly qualified college students; the State Law Library, the Minneapolis Public Library and the University of Minnesota Library.

Registration

Students are required to register by the beginning of each semester. In case of delay in registration beyond the registration days indicated in the college calendar, a fine of one dollar is imposed for the first day and fifty cents for each subsequent day. No excuses are granted for late registration. Students may register by mail on deposit of tuition fee, subject to the entrance requirements stated on page 37.

For the first semester of the college year freshmen present themselves for registration on Friday morning prior to the opening week. On Tuesday registration of sophomores, juniors and seniors occurs. Registration without penalty ends Wednesday.

Second semester registration occurs on the Monday and Tuesday immediately preceding the second semester.

Students who have failed in half the work of one semester, counted by hours, except freshmen in the first semester of residence, may not register for the following semester.

Students who in their freshman year have earned no honor points and students who have completed two years of work and have not earned 16 honor points may not re-register.

The college reserves the right to exclude from attendance students whose influence is undesirable.

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 middle and end of each semester.

Students who secure a passing mark in a course are graded as follows: A, B, C or D, which mean excellent, good, fair and poor, respectively. Students who do not reach a passing mark are graded as follows: Con, I or F. Con, meaning condition, implies that the student has failed in the final examination and that the deficiency may be removed by his passing in a second examination to be given within the first two weeks of the next semester in residence. If, however, a student's class grade is D, an F may be given on failure in one examination. I means that the mark is withheld by the instructor because the work required has not been completed. An I becomes F if not completed in the first six weeks of the next semester in residence. F means failure in term grade. In cases of failure students may secure credit only by repeating the course. A Con becomes an F upon failure to pass the second examination.

For private and condition examinations a fee of fifty cents shall be paid for each examination at the office of the treasurer.

Student Financial Aids and Awards

Macalester College provides a variety of opportunities for financial self-help. The type and amount of aid available varies according to the applicant's scholastic standing, need, geographic location, graduation plans, health, leadership and similar factors.

Application blanks for aid and for admission to the college may be secured from Mr. George Scotton, Admissions Counsellor. These blanks should be completed and directed to the Student Aid Committee as far in advance of entrance to college as possible. New students should have their high school principal send a transcript of their high school work to date at the time the application for admission and the application for aid are forwarded.

High School Scholarships.—The Council of Minnesota Colleges, representing the private colleges of the state, offers two scholarships to each of the standard high schools of Minnesota, one to the highest ranking boy, the other to the highest ranking girl.

Each scholarship is equivalent to one-half of the tuition of the freshman year and is credited on the second semester, provided the student has maintained a C average during the first semester.

Endowed and Contributed Scholarships.—From sources listed under Scholarship Funds, students of superior rank are granted scholarships to meet demonstrated needs.

Junior College Scholarships.—Graduates of Junior and Teachers' Colleges who enter with junior standing at Macalester are granted Honor Scholarships if they rank in the upper half of their graduating class.

Loans are available to Juniors and Seniors in amounts not to exceed \$150 for one year or \$250 as a total at the time of graduation.

Service Contracts are assigned to students who would otherwise be unable to meet the full expenses of a college education, who show willingness and ability to do work of value to the college, and who show that they can carry the work without serious injury to their scholastic standing or health.

Grants-in-Aid are made in exceptionally needy cases to eligible students who otherwise would be unable to attend college.

Graduate Fellowships.—A limited number of Macalester graduates with outstanding records who are engaged in graduate work at the University of Minnesota are granted Fellowships of \$300 for teaching and research services at Macalester College.

Prizes

Class Prizes.—The ten highest ranking students of the Freshman, Sophomore and Junior Classes, respectively, are granted prizes of \$50, and the next ten of each class in rank are granted prizes of \$25. These prizes are not in the form of cash but in the form of credit during the next two semesters in college.

Noyes Prize.—Mrs. D. R. Noyes has given \$2,000, the interest of which is used as prizes for student scholarship. These are awarded to the first honor students of the senior, junior and sophomore classes.

Stringer Prize.—In honor of the memory of her husband, Mrs. E. C. Stringer bequeathed \$500, the income from which is awarded each year to that student of the college, who, having not fewer than fourteen recitations a week, wins the first place in the preliminary oratorical contest, and represents the college in the state contest.

Collins Prizes In Extemporaneous Speaking.—A contest in Extemporaneous Speaking is held annually during Commencement Week. For this purpose Dean G. R. Collins of New York University offers each year prizes totaling \$50, divided into three prizes of \$30, \$15 and \$5.

Funk Prizes.—For the encouragement of intensive and original studies in history, Mrs. Lydia C. Funk offers \$100 annually in three prizes of \$60, \$25 and \$15. Contestants must be members of the senior class, majoring in history and having a standing in the department of at least B.

Psychology Prizes.—Through a friend of the College, there have been made available, beginning with the academic year 1939-40, three prizes for thorough and original work in Psychology, in amounts of \$60, \$25, and \$15. Contestants must be seniors majoring in the Department of Psychology, with an average grade of at least B in departmental courses.

Scholarship Funds

Byram Foundation Scholarships.—This is a scholarship gift from the Byram Foundation, Incorporated, designed to aid needy students of outstanding achievement and promise.

Byram Foundation Fellowships.—These are made available by the Byram Foundation, Incorporated, for teaching and research by a limited number of Macalester College graduates.

Silliman Scholarship.—Offered by Mr. H. B. Silliman, of Cohoes, N. Y., the income of which is assigned by the Presbyterian Board of Christian Education to a student named by the college.

Wallace Scholarship.—A gift of \$10,000 by Dr. James Wallace and family in memory of Mrs. James Wallace, the interest of which is devoted to a general scholarship.

Synodical Scholarship.—This is made up of gifts from churches and individuals thruout the state and amounts to \$2,300, the interest of which is devoted to general scholarships.

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

Benjamin Ogden Chapman Scholarship.—In memory of Benjamin Ogden Chapman, for many years a trustee of the college, a scholarship of \$50.00 is offered to aid a student in the department of Religion who is selected by the head of this department in consultation with the donor.

McCabe Scholarship.—Bequeathed by Edward Everett McCabe of the class of 1914 and accepted as a general scholarship.

Crawford Scholarship.—A gift of \$1,000 in memory of Ira Leslie Crawford, the income from which is devoted to a general scholarship.

Myers Scholarship.—S. F. W. Myers has given, in memory of his son, Carl Bertram Myers, \$1,000, the income from which is devoted to a general scholarship.

Students who receive the benefits of the above scholarships, which are assigned by the college, are required to repay same if they leave the institution before graduation.

Shaw Scholarship.—Given by Professor Thomas Shaw, of St. Paul, the interest of which is devoted to a scholarship for a nominee of the Central Presbyterian Church of St. Paul.

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

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

The H. W. Coffin Scholarship.—Established by Mrs. Mary E. Coffin of Duluth, the income of which is to be used by relatives of the H. W. Coffin family, young people from the Glen Avon Presbyterian Church, Duluth, or for students for the ministry or missionary service. Beneficiaries of said scholarship to be given precedence in the order named.

Macalester Scholarship of St. Paul Presbytery.—Amounting now to \$1,139, the interest of which is to aid a student nominated by the Presbytery of St. Paul.

James Mulvey Memorial Scholarship.—Founded by the Misses Jessie and Edna Mulvey in memory of their father; amounts total \$2,500. Interest to aid a student for the ministry or missionary service or other worthy student selected by the donors or by the faculty.

The Merriam Park Presbyterian Church Scholarship.—The sum of \$3,000, given by the Merriam Park Presbyterian Church of St. Paul, the income from which is awarded to a student selected by the church.

Ministerial Scholarships.—Given by Board of Education of the Presbyterian Church to candidates for its ministry, and to men and women candidates for missionary service.

Presser Scholarship.—This is a grant from the Presser Foundation of Philadelphia. A limited number of allotments from the grant are available to outstanding music students to defray the cost of Applied Music Study. Eligibility is determined by financial need of the student and by his general scholastic attainments.

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

A. A. U. W. Fellowships and Scholarships.—Every year the American Association of University Women through its branches and state federations awards over \$80,000 in fellowships, scholarships and loans to graduate and undergraduate students. Attention is called to the 16 fellowships awarded to graduate women annually for further research and study in this country and abroad. Macal-ester women undergraduates and graduates are eligible to apply for these scholarships and fellowships.

Loan Funds

Jennie Hodgman.—A revolving fund of about \$3,500, raised and administered by the Faculty Women's Club, is used for loans to junior and senior women.

Paul A. Ewert.—Bequeathed in the will of Paul A. Ewert of the class of 1894, the sum of \$5,000, the income from which is to be used in helping worthy students.

Knox Memorial.—An endowment of \$2,500, the income from which shall be given as a loan to some student named by Mrs. Jane Knox of Jackson, Minnesota.

Dames of the Round Table.—This is a fund of \$300, established in memory of Mrs. Jennie E. Straight, to be used for loans without interest, to students. A loan from this fund is to be repaid not later than one year after the student has left college. An extension may be granted at the discretion of the college with the consent of the donors.

New England Women.—The St. Paul Colony of New England Women offers to a young woman of New England ancestry a loan of \$100 without interest. Preference is given to a junior or senior student. Application for this loan should be made through the Dean of Women.

Maria Sanford.—A loan fund maintained under the auspices of the Minnesota Daughters of the American Revolution. Available for any worthy junior or senior in any accredited Minnesota college. Application should be made through the Dean of Women.

William F. Rodgers Memorial.—A fund of \$5,000, bequeathed by Mr. William F. Rodgers, the income of which is available for student loans.

L. D. Coffman.—A fund the principal of which is to be used as a general loan fund. Interest received from students on this fund is applied to increase the principal.

James Faricy.—A fund the principal of which is to be used as a general loan fund. Interest received from students on this fund is applied to increase the principal.

Alumni Loan Fund.—A loan fund established in 1933, the principal of which is available to students approved by the committee of the Alumni.

James Wallace Alumni Loan Fund.—A fund of \$3,500.00, established by the Alumni Association as a memorial to Doctor James Wallace. The principal of this fund is available for Juniors and Seniors who have maintained a scholastic average of C or better for the year preceding the grant of the loan.

Department Foundations

The Weyerhaeuser Foundation.—Founded by Mr. Frederick Weyerhaeuser, and increased by members of his family, totaling \$100,000, to be devoted to the development and maintenance of the Department of Religion.

The Synnott Foundation.—A gift of \$50,000 from Thomas W. Synnott, held in trust by the Board of Christian Education of the Presbyterian Church, U. S. A., for the maintenance of the Department of Religion.

The Martin Foundation.—The gift of John C. Martin in 1908 of \$10,000 to be used in the Department of Religion.

The Moss Foundation.—A gift from Henry L. Moss now totaling \$7,464.77, income from which is to be used for the maintenance of the Library.

The Henry D. Funk Memorial Foundation.—Established by Mrs. Lydia A. Funk, a gift of \$8,000, income from which is to be devoted to the development of the Department of History.

Student Activities

The Y. M. C. A. and Y. W. C. A., both jointly and separately, offer social, educational, and religious advantages to the students. They are Christian fellowships of youth seeking to find and meet campus needs. Their program helps with freshmen orientation, provides inspirational meetings and directs the study and practice of Christian social thought. Regular meetings are held Monday evenings. The Associations maintain affiliation with their respective national organizations. Delegates are sent to area and regional conferences at Ithuhapi and Geneva.

Literary Societies.—In the college there are seven literary societies under the general oversight of the faculty. Hyperion society admits to membership both men and women; Athenaeum, and Eulogian societies admit men and Chi Phi Delta, Clonian, Philotian and Thalian societies, women.

The Quill Club.—The American College Quill Club is a writer's organization established in various American Colleges for the purpose of encouraging literary effort and criticism. It is not an honorary body—admission is by original manuscript only, with due consideration given to the character of the applicant for responsibility and sustained effort. Active members are also drawn from the faculty. The local chapter is known as Cen Rune.

The Macalester Players is a group within the Department of Dramatic Art, whose object is to stimulate and develop an appreciation of the best in drama. Several plays are given each year, coached by the head of the department.

Pi Kappa Delta.—This is a national honorary fraternity, organized to give recognition to those who distinguish themselves in public speaking, and to promote interest in forensics.

Debate and Oratory.—All matters pertaining to debate and oratory are in charge of Pi Kappa Delta and the Student-Faculty Debate Council.

The college takes part in the State Intercollegiate Contest in Oratory and is a member of the State Intercollegiate Debate League. A preliminary home contest is held for each of these contests, for which suitable prizes are offered.

International Relations Club. The International Relations Club is a study group and discussion forum for those students in the college interested in contemporary international questions. The club is affiliated with the Carnegie Endowment for International Peace and is devoted to the encouragement of informed public opinion upon international questions.

College Glee Club.—This is a men's organization, firmly established and with a splendid record of accomplishment in the twenty-six years of its existence. The club is under the direction of a faculty adviser.

Women's Glee Club.—A well-established undergraduate organization of women under the direction of a faculty adviser.

Oratorio Choir.—This is a choir of mixed voices, specializing in the study and performance of the great oratorios and other sacred music. The organization is under the supervision of the Music Department.

College Band.—This is a concert ensemble, organized and conducted under the supervision of the Music Department.

Sigma Alpha Iota.—A chapter of the Sigma Alpha Iota sorority was installed in the Music Department in 1923. All women students whose scholarship and musical attainments reach a satisfactory mark may join. It gives opportunity for social and musical events and for meeting members of other chapters. This sorority claims a wide membership, representing the highest accomplishments in music.

The M Club was organized December 9, 1913. It was founded to keep those who have won the letter in touch with one another and to foster athletics. When a Macalester student has earned an M he becomes a member on the payment of one dollar initiation fee.

The Women's Athletic Association is an organization to foster and increase interest in games and sports for the women of the campus. Among the activities which it sponsors are coeducational sports nights and play days, and tournaments in various athletic and recreational games. A division of the W. A. A. is the Aquatic League which sponsors several splash parties, one swimming exhibition and a canoe trip each year.

Sigma Delta Psi.—This is the national athletic fraternity which stands for the comprehensive intelligent development of physical training for college men. The Macalester Chapter was established February 18, 1925.

Note:—No literary society or other student organization may be established without the consent of the faculty. Approval of the Comptroller is required for the incurring of any debt by a student activity.

Pi Phi Epsilon Society

The society was organized in 1914 with twenty charter members. The aim of the society is to stimulate scholarship and intellectual interests in the college.

In keeping with the practice in most colleges, membership is restricted to seniors and second semester juniors. Nominations to the society are made upon the basis of high scholastic attainments in the several fields of the curriculum.

At graduation active members become graduate members of the society, and are entitled to all its privileges except voting. Members of the faculty are honorary members of the society.

Publications

The following publications are issued from the college:—

The Macalester College Bulletin, a periodical devoted to the interests and advancement of the institution.

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

The Mac Weekly, a student newspaper established in 1914. It gives expression to student opinion upon matters of college life, and accounts of college events.

The Gateway, a literary magazine published by the members of the college Quill Club.

Religious Life and Exercises

Macalester was founded as a Christian college. The atmosphere of the college has always been warmly religious. The Young Men's and Young Women's Christian Associations are large and active. The city offers much opportunity for religious work. In keeping

with the purpose of the founders of the college the faculty makes the following requirements:—(1) Courses in Religious Education; (2) attendance at the chapel exercises. Attendance at Sunday church service is expected of all students. Students connected with churches either by membership or sympathies are expected to attend the church of their preference.

Guidance and Personnel Service

The intimate personal relationship with faculty members, which is at the disposal of students in their instruction and campus life, is recognized by alumni as one of the outstanding benefits of their undergraduate experience at Macalester. In order to make the most of this natural advantage, the college provides extensive modern facilities for personal evaluation, counsel and adjustment under the supervision of a Director of Guidance. This counseling service is available to all students on a voluntary basis but is in no sense a program of discipline or coercion. The goal is the development of intelligent self-management by the student as early as possible in his college experience.

In counseling high school seniors who expect to enter college, wide use is made of high school records and the results of college aptitude tests administered annually through the Association of Minnesota Colleges. As far as possible students who have made application for admission to the college, or who express a preference for this college, are interviewed by field representatives and other members of the college staff previous to approval for matriculation. Persons are encouraged to become members of the college community who, in the judgment of the personnel staff, will be aided in their life pursuits by the type of program which this college provides.

On the opening day of the school year, administrative officers and representative student leaders meet with all new students for a period of general orientation. Following this session, new students are assigned to members of the faculty who become their counselors. The counselor discusses with the individual student his plans for a college education, assists him in planning a schedule of courses, provides for counsel through the year on personal, social, academic and related problems, reports to the student his grades and interprets results on various tests.

Many and varied adjustment opportunities are made available to the new student. Planned cooperation of the college administration with student organizations enriches the program of new-student orientation. Typical of informal phases of this program are the Y. M. C. A. Freshman Camp and the Y. W. C. A. Freshman Camp held during the first week-end for fellowship and discussion between new students, student leaders and faculty members.

The entire guidance and personnel service is based upon the most comprehensive and accurate understanding of the student obtainable. Freshmen meet in a group with the Director of Guidance once each week during the first semester for a discussion of "Freshman Problems" common to the first-year student. In this course students prepare autobiographies, life histories, statements on life philosophy, and fill out check lists of interests and attitudes, all of which are designed to make available developmental patterns of childhood and early youth background. During the second semester of the freshman year, special interest and special problem groups are formed to benefit those who are in need of such assistance. From the beginning an extensive testing program measures each student's school subject achievement, scholastic aptitude, reading ability, personality adjustment, vocational interest, health and social attitudes. Other tests are used when necessary in diagnosis of special problems.

These test-results, reference reports and other data, such as correspondence, parental reports, grades, extra-curricular activities, public school records, employment, financial aid, interview and conference reports, are filed in a cumulative personal record for each student. The personnel file is available for counselors, faculty and administrative officers, in counseling the student on problems relating to his welfare and advancement.

The purpose of the entire guidance and counseling service is to provide the cooperative student with sympathetic yet objective help in seeking a mature understanding of himself, the college, and life possibilities, in order that he may better determine and decide for himself the objectives to which his energies shall be dedicated.

Employment and Placement

Employment and placement services are available for all students, former students and alumni. The student guidance and personnel office coordinates this service and administers the placement policies of the faculty committee on placements.

Full time, part time, vacation, and summer employment as well as board and room and odd jobs are listed and filled through the employment and placement service.

Manifestly, there is great difficulty today in finding employment for the young worker. The graduate prepared for teaching or business does not find desirable employment easily. Employers are practicing the selective process in each area of their employment programs. The college makes wide use of personnel records and analytical techniques in placing the student or graduate in all types of part or full time employment—thus making it a definite guidance and personnel function.

Obviously, only those will be recommended who are registered with the guidance and personnel service and who show by their character, interest, ability, and professional preparation that they are qualified for the work for which they are applying.

Health Service

The college provides this service to safeguard the health of students. The department works in close cooperation with the Department of Physical Education. Entrance medical and physical examinations are held jointly and the records are used in both departments for follow-up work and for making up classes in corrective exercises. In cases where it seems advisable, further clinical examinations may be required. These examinations are designed to discover defects or tendencies which may and should be corrected; to protect the individual against work for which he is physically unqualified; and to guard the college community against communicable disease. No student may report for classes before his medical and physical examinations are completed. Appointment cards are given by the Dean at the time of registration. Special stress is laid on everything pertaining to health welfare and a sound physical development.

The college maintains an infirmary. The Health Director, a graduate nurse, is in residence, and her service is available for all students suffering from minor illnesses or injuries. The nurse acts under the direction of a physician in all cases.

An appropriation is made for this service from the tuition charge, which covers entrance medical examinations, nursing care in all minor illnesses, all office consultations, medicine and dressings, and the use of the infirmary for a period of one and one-half days a semester. For a longer period the rate is \$1.00 a day.

All illness of contagious or infectious character, as well as emergency surgical cases, are transferred immediately to one of the hospitals in the city. Cases of prolonged or serious illness also are referred to a hospital under the attending physician's direction. The college is in no wise responsible for such hospital expense to the student.

Tuition and Expenses

Tuition and fees are due and payable at the beginning of each semester, before completion of registration and before the student is admitted to classes. A student may, however, pay his account in installments, one-third at time of entrance, and the balance in three equal monthly payments. A flat charge of 2% of the sum of all installments is added after the first to cover the costs to the college of this deferred payment service. Applicants for admission to the freshman class should remit \$5.00 with application. This is applied on tuition of the first semester.

*Tuition.....Semester \$87.50

For returning junior and senior students whose average during the preceding year was "C" or better, a scholarship of \$25.00 is awarded for the year 1940-1941.

General Fee....." 12.50

This charge covers appropriations for library, health service and student activities which include student publications and admission to home athletic contests.

Special Fees—

Biology 101, 102, 121, 122, 204 with laboratory, 301, 302, 304 with laboratory, 305..... Semester \$5.00

Biology 201, 202, 204....." 2.00

†Chemistry 101-102, 103-104, 201, 202, 203, 204, 303-304, 305, 309-310, 311-312, 313, 331-332, 403-404....." 8.00

Education 201, 307....." 1.00

Geology....." 1.00

Physics 101-102....." 2.50

Physics 201-202, 221, 301-302, 411....." 5.00

Psychology 310....." 2.50

Speech 141-142, 241-242, 251, 252, 343-344, 347-348, 441-442....." 1.00

Change of Course....." 1.00

Guarantee Fee (Dormitories)....." 2.50

Graduation....." 5.00

Tuition of a student taking eleven hours or less is reckoned at \$7.00 a semester hour. The general fee of \$12.50 is added when such registration exceeds seven credit hours.

A fee of \$5.00 is charged for each course audited without credit.

Exchange will be charged on all out-of-town checks.

*A fee of \$7.00 is charged for each credit hour in excess of eighteen.

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

Tuition is not refunded during the last six weeks of any semester except for illness. Two weeks are added to the date of cancellation for refund purposes.

In case of prolonged illness which removes the student from college for a period of a month or more, refunds are made on tuition and room from the end of a two weeks' period following the beginning of illness according to the records of the college nurse. Board is charged to the nearest week-end after the beginning of illness.

There is no refund of the General Fee.

Students who fail to meet accounts when due are denied class room privileges until reinstated upon satisfactory settlement with the Comptroller.

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 tuition is refunded.

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

Credits will be withheld until all obligations are met.

Special Rates

1. Sons and daughters of ministers of any denomination are allowed a rebate of twenty per cent each semester on tuition.

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

(a) Candidates for the Presbyterian ministry shall be under the care of presbyteries, and shall present to the Department of Religious Education 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.

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

Rooms and Board

Room rents and board are paid in the manner prescribed for tuition and fees. The college dormitories and commons are closed during Christmas vacation. Fees include room rent and board during the shorter vacations. Special permission may be granted for residence in the dormitories during Christmas vacation through written application to the Comptroller.

Wallace Hall—

Board, per semester, each person	\$90.00
Room rent, per semester, each person	50.00
Bed linen furnished and laundered (optional), per semester	2.50

Kirk Hall—

Board, per semester, each person	90.00
Room rent, per semester, each person	50.00
Bed linen furnished and laundered (optional), per semester	2.50

Students are charged for their rooms by the semester and until they are formally vacated and keys surrendered. Each dormitory tenant is held responsible for the rent for the entire semester, whether he has occupied the room continuously or not.

Each tenant is required to deposit \$2.50 each semester as a guarantee against damage to college property, and to keep this deposit at that amount while in college. From this fund are deducted (1) charges for damage for which he is personally responsible; (2) charges (pro rata) for damage done by unknown hands. The surplus, if any, is refunded to the students at the end of the year.

Rooms

There are two types of rooms in Kirk Hall: a study with two or three adjoining single bedrooms; and one room comprising both study and bedroom. Each student is provided with the following equipment: a study table, two chairs, a three-quarter bed with mattress and pillow, a combination dresser and wardrobe with mirror, curtains for all windows. Students must provide their own blankets, towels, rugs and any additional fixtures they may desire. Such additional furniture must be of a quality comparable with that supplied by the college and is subject to the approval of the house director.

In Wallace Hall each room has single beds, mattresses, pillows, dresser, study table, two rockers, two study chairs and a lavatory with hot and cold water.

The drawing of rooms in the dormitories will take place on the last Tuesday in April for those who live in the dormitories. After the first day of May application for rooms from new students will be filled.

Application for room in the dormitories should be made by the first of May to the college office. Reservation fee is \$10.00. This is applied on the student's account at the time of registration. 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 cancel the reservation before the first day of August, fees will not be returned. Rooms will be assigned in the order of application.

Students who do not live at home or with relatives are expected to room in a college dormitory, insofar as accommodations are available, unless they are officially permitted to live elsewhere. Application for such permission should be made to the Dean of Women or the Director of Guidance.

If all dormitories are filled, students may secure living accommodations from a list of rooms approved by the college authorities. Such students are expected to conform to the general social regulations in force in the college dormitories. Change in residence shall be made only when officially approved.

Self-Support

Students desiring to do something toward defraying their own expenses can usually find a way of doing so.

There are opportunities for work in stores and offices, caring for furnaces, waiting in clubs and carrying newspapers, and in many other ways dependent upon the student's fitness. Valuable suggestions as to employment and the financial side of college life are gladly furnished to prospective students on application and every effort to assist the newcomer is cheerfully made. Address all communications to Student Employment Service, Macalester College, St. Paul.

For women students, there are many opportunities each year to assist in homes near the campus. The uniform rate of four hours' service a day in exchange for room and board has been established, and about thirty girls avail themselves of this opportunity every year. Further information may be secured from the Dean of Women.



Entrance Requirements

General Statement

Macalester College is a member of the Association of American Colleges, the North Central Association of Colleges and Secondary Schools and is on the approved list of the Association of American Universities and the American Association of University Women. Entrance requirements are in harmony with the standards of the North Central Association of Colleges and Secondary Schools.

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

Candidates for admission from the upper third of their high school class are admitted without reference to specific subject requirements, provided they present eleven non-vocational units including one unit of algebra or of unified mathematics.

Only a limited quota of students ranking in the lower half of their high school class or presenting low aptitude ratings are admitted. They are selected individually on the basis of results of a personal interview and the satisfactory completion of certain aptitude and achievement tests which are given at the college on the last Saturday of May, June, July, and August from nine to three o'clock in Room 104 of the main building. Appointments for such tests are made by remitting a fee of five dollars to the Dean of the College at least one week in advance.

Admission by Certificate

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

From Accredited Three-Year Senior High Schools.—Graduates of senior high schools, covering the tenth, eleventh and twelfth grades, are admitted without condition, provided they have in this time completed eleven or twelve units in the senior high school and provided that the subjects taken in the senior high school, together with the work done in the junior high school, satisfy the subject requirements stated above.

Admission by Examination

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

Admission with Advanced Standing

From Other Colleges.—Students transferring to Macalester College from accredited institutions of collegiate grade must present letters of honorable dismissal and an official transcript of previous collegiate and preparatory record. An average grade of C or better in previous collegiate work is required.

Students with failures in another college cannot be transferred to Macalester until such failures have been cleared.

From Normal Schools.—Credits from Normal Schools are to be reckoned according to the nature and quality of the work presented as judged by the Registrar.

Requirements for Graduation

Macalester College offers courses leading to the degree of Bachelor of Arts.

The Requirements for the Degree of Bachelor of Arts are:—

- A. One hundred and twenty-six academic credits, the term *credit* meaning one hour a week for one semester in class room or two hours a week in laboratory. Of these required credits at least thirty-two must be from courses numbered three hundred or above and not more than forty-four may be in any one department. These credits must be secured with reference to the group from which the student has chosen his major.
- B. 126 honor points, granted as follows: for each credit toward graduation earned by the student with a mark of A, three honor points are given; for each credit with a mark of B, two honor points; for each credit with a mark of C, one honor point. A mark of F carries minus one honor point.
- C. 4 points in Physical Education, the term *point* meaning the satisfactory completion of a semester course in Physical Education. These shall be in courses 101-102 and 201-202.
- D. During the second semester of the senior year candidates shall pass a comprehensive examination covering in a broad way the learning they may reasonably be expected to have achieved in the following areas:
 1. The departmental major and "first" minor;
 2. The general cultural fields with which a graduate from a liberal arts college should have made significant contact, either in courses taken or through outside activities.The examination may include portions which are written, oral or of a performance type.
- E. Candidates shall, throughout their college course, show reasonable ability to read, write and speak the English language. Students reported deficient in English by two or more instructors during any semester shall be referred to a faculty committee for further diagnosis and remedial measures. Each student must have a clear record in English before being admitted to the senior class.

A candidate for the bachelor's degree shall have been in residence at Macalester College for the full four years, or shall have transferred advanced credit from approved institutions as set forth in the preceding heading, the amount of such transferred credit not to exceed sixty-four credits or two full years, and the number of years spent in Macalester College to be not less than two. The Senior year must in all cases be spent in residence at Macalester College.

Distribution and Concentration of Requirements

A. FOR CULTURAL DISTRIBUTION or as background or tools for subsequent study.

1. English Composition, six credits.
2. Foreign language 202, 204 or 206, completed by the end of the junior year; German 207, 208 or French 206 is advised for students whose major is in Group III.
Students with four units of high school credit in a foreign language may present these credits to fulfill the minimum language requirement upon passing a satisfactory examination on course 202 of that language or its equivalent.
3. Religion, eight credits, six of which must be from Section A of the department.
4. Philosophy 205, 220, 311 or 312, three credits.
5. Economics, History, Political Science, or Sociology, 6 credits.
6. Psychology 201, three credits.
7. Natural Sciences and Mathematics (Group III), fourteen credits, completed by the end of the junior year. Of these, eight must be in a laboratory course taken in college; unit courses in high school physical science, each unit to count as three credits, or Psychology 310, may be applied on the remainder.
8. A "second" (or "distribution") minor subject from a group other than that of the major subject; twelve credits in approved courses with a grade of C or better.
9. Physical Education 103R, one credit.

B. FOR CONCENTRATION in a major field of interest.

1. A major subject, chosen by the beginning of the junior year: a minimum of 20 credits in approved courses, with a grade of C or better.
2. A "first" minor subject preferably in the group of the major subject: 12 credits in approved courses, with a grade of C or better.
3. Supporting courses outside the major department but within the group of the major subject, as follows respectively:

Group I: 14 credits in courses of Group I numbered 200 or above and outside the major department. Latin 101-102 or Greek 101-102 is also required unless the student presents two units of either subject from high school.

Group II: 18 credits in Group II or IV other than required courses in Religion.

Group III: 18 credits in Group III, including Mathematics 101, 102 or 103, 104.

Group IV: Requirements the same as for Group II.

Group Classification of Departments

GROUP I.

- | | | |
|------------|-----------|------------|
| 1. English | 3. German | 5. Latin |
| 2. French | 4. Greek | 6. Spanish |

GROUP II.

- | | | |
|---------------------------------------|---------------|--------------|
| 1. Economics and
Political Science | 3. History | 6. Religion |
| 2. Education | 4. Philosophy | 7. Sociology |
| | 5. Psychology | |

GROUP III.

- | | | |
|--------------|----------------|-----------------------------------|
| 1. Biology | 3. Geology | 6. General Science
(Education) |
| 2. Chemistry | 4. Mathematics | |
| | 5. Physics | |

GROUP IV.

- | | | |
|--------------|----------|-----------|
| 1. Fine Arts | 2. Music | 3. Speech |
|--------------|----------|-----------|

Restrictions on Choice

A course used as a major or minor subject in one department shall not count toward a major or minor in another department.

The following courses are not counted toward a major or minor: English 101-102, 103-104, 105-106, Economics 201, French 101-102, 103, German 101-102, Greek 101-102, Latin 101-102, Mathematics 101, 103, Physics 101-102, Religion 103 and 105, Sociology 201, Spanish 101-102, Speech 141-142. See, also Biology 101-102, 121-122, 204 and Chemistry 101-102, 103-104 in department descriptions.

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

Honor Courses.—The faculty has established honor courses in special fields of concentration, open to students of exceptional ability who, in the freshman and sophomore years, have made adequate preparation.

Classification of Students

Classification without Conditions.—For freshman classification, as stated before, fifteen units of acceptable high school work or their equivalent; for sophomore, thirty-two college credits and thirty-two honor points; for junior, sixty-four credits including three credits in Religion Section A, and sixty-four honor points; for senior, ninety-six credits and ninety-six honor points.

Classification with Conditions.—A student is classified as sophomore on gaining twenty-four credits and twenty-four honor points; as junior on obtaining sixty credits including three credits in Religion Section A, and sixty honor points; as senior on obtaining ninety credits and ninety honor points.

Change of Course.—Registration at the beginning of the semester fixes the course of study for the student. Within ten days change is permitted with the written consent of the instructors concerned and the student's adviser. Dropping a subject comes under this rule.

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

Preparation for Vocations

The system of majors and minors and the elective system in use here permit the student to frame his college course with some reference to his future vocation. In general the student will find the following courses helpful to him in his future vocational study.

For the Study of Medicine.—The following course is strongly advised for students who are preparing for the study of medicine.

Freshman Year

Inorganic Chemistry
English
German
Mathematics
Religion

Junior Year

Biology or Social Science
Organic Chemistry
German
Physics
Religion

Sophomore Year

Biology (General Zoology)
Chemistry (Analysis)
German
Psychology and Philosophy
Religion

Senior Year

Biology
Chemistry (Physical)
Psychology
Electives to complete graduation requirements

***Medical Technology.**—This profession is recommended to women only. The same sequence of courses as for the study of medicine is advised except that French may be substituted for German.

Students taking this course will spend three years in residence at Macalester College taking ninety-six credit hours of work in the arts and sciences.

*The following statement will be operative until the beginning of the college year 1941-1942.

Through affiliation with the Charles T. Miller Hospital, Inc. of St. Paul a limited number of qualified students will be given an opportunity to take their senior year, in professional training, at the hospital under competent professional instruction. The senior year will consist of twelve calendar months.

In addition to the general graduation requirements of the College students must also meet the requirements for registration with the American Society of Clinical Pathologists. This will entitle the candidate to the degrees of B. A. and M. T. (Medical Technologist).

For the Study of Law.—The value of a full college course in preparation for the study of law cannot be disputed. Macalester offers a number of courses that are valuable to law students, and a college course arranged with this group of subjects as a nucleus is suggested below.

Freshman Year

English
Foreign Language or Speech
Religion
Science
Survey of Sociology.

Junior Year

Economics
History
Political Science
Religion
Sociology
Speech

Sophomore Year

Accounting
English History
Ethics and Logic
General Psychology
Principles of Economics
American Government

Senior Year

Economics
Political Science
Religion
Sociology
Speech

Social Work.—The candidate for professional training in Social Work must have a background of undergraduate study in those areas of knowledge which illuminate human behavior and give understanding of social institutions and societal organization.

The following outline of study leads to a major in Sociology, with supporting minors in Psychology or Economics or Political Science and provides the basic preparation required by the American Association of Schools of Social Work.

In addition to the Macalester requirements regarding English, Religion, Foreign Language, Philosophy, Psychology and Physical Education, the following subjects should be included during the first two years:—General Zoology, Principles of Sociology, American Government, Principles of Economics, Introduction to Statistics, Fundamentals of Speech, Art and Appreciation of Literature.

The following courses are advised for the third and fourth years: The Family and Marriage, The Rural Community, Criminology, Social Pathology, Field of Social Work, Labor Economics, Mental Hygiene, Abnormal Psychology, Comparative Religion, Principles of Christian Social Action.

Choices should be made from a wide range of electives to complete the credit requirements for graduation. The following are suggested: Elements of Group Work, Recreational Leadership Skills, Story Telling, Theory and Practice of Acting, Human Physiology, Genetics and Eugenics, General Geology, Educational Psychology, Psychology of Childhood, Psychology of Adolescence, History of the U. S. from Colonial Times to the Present, The Community as a Laboratory, Public Administration, The Distributive System, Monetary and Banking Policies, Business English, Newspaper Reporting, and the Languages.

For the Christian Ministry and Missionary Teaching.—

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

For Teaching.—The college offers opportunity to the student in preparation for the field of teaching. Its Liberal Arts courses give the necessary foundation for a liberal education as well as subject-matter for use in the class room. Its technical courses give the professional aspect to the student's preparation for the vocation of teaching. The latter are concerned with the principles, methods and history of education.

Student Advisers

For registration, advice and supervision all students will be assigned to faculty advisers, making it possible for each student to receive special attention in regard to his course. The adviser directs the student in the arrangement of a course of study in harmony with his tastes or prospective vocation. When students have definitely fixed upon a vocation in life they will be assigned to that member of the faculty whose department is most akin to the work they have in view. Students who have fixed upon their major study will be assigned to the department to which that major study belongs.

Courses of Study

Odd numbers refer to first semester courses. Even numbers to second semester courses. An R attached to an odd number indicates that the course is repeated the second semester.

A comma between figures of a year course indicates that either semester may be taken with credit.

Courses 101 to 199 are open to freshmen. Courses 201 to 299 are open, with restrictions, to sophomores or to those whose preparation is adequate. Courses above 300 are primarily upper class subjects with prerequisites mentioned in each department.

Biology

PROFESSORS WALTER AND MESERVE

The courses have been selected and arranged to enable the student to choose work of either a general or more special nature. Those desiring a well-rounded education are advised to elect courses in which the more cultural aspects of Biology are emphasized. Selections should be made from the following: Biology 102, 122, 202, 204, 303. These same courses are also recommended for those students preparing to teach Biology in high schools or taking a minor in Biology.

The requirements for a major in Biology include courses 102, 301, 303, 410. Additional courses toward a total of twenty-four credits are elective.

Pre-medical, pre-dental, pre-medical technology, and pre-nursing students are advised to take those courses which will satisfy the entrance requirements of the respective professional schools which they expect to enter.

The Department recommends the following supporting courses for its major students: a minor in Chemistry or Physics; a second minor in German or French; one semester of Historical Geology; Psychology, Economics, Sociology, Philosophy; Speech 142.

A. Zoology

101-102. General Zoology.— MR. WALTER AND MR. MESERVE

This course takes up the fundamental principles of animal biology. Representatives of the phyla of the invertebrates and vertebrates are studied with reference to structure, functions

and relation to environment. During the second semester special emphasis is given to such topics as classification, geographical distribution, evolution, and genetics.

One year, two two-hour laboratory periods and two lectures a week, eight credits. This course counts four credits toward a major or minor if the student's grade is B and five credits if course 121-122 is taken also.

- 201. Parasitology.**— MR. MESERVE
The morphology and life history of animal parasites and their relation to the causation and transmission of disease. This course is offered primarily for medical technology students, pre-medics, and majors in the department.
Pre-requisite, Course 102. First semester, two lectures and one two-hour laboratory period a week, three or four credits.
- 202. Nature Study.**— MR. MESERVE
An extensive study of the fauna and flora of this locality. Methods of collecting, preserving, and identifying material.
Pre-requisite, Course 102 or 122, or permission of the instructor. Second semester, two lectures and one two-hour field trip or laboratory period a week, three or four credits.
- 204. Human Physiology.**— MR. WALTER
Lectures, recitations, collateral readings, demonstrations and laboratory work on the structure and functions of the human body. Extensive use is made of anatomical charts and models. Special attention is given to personal hygiene.
Second semester, three lectures and one optional two-hour laboratory period a week, three or four credits. Credit reduced for major students in the department.
- 301. Comparative Anatomy.**— MR. WALTER
This course consists of an intensive laboratory study of the systems of vertebrate types including the Dogfish, Necturus, and the Cat. The lectures correlate the morphological studies made in the laboratory, point out the comparisons and indicate the probable lines of development of structures suggestive of phylogenetic relationships.
Pre-requisite, Course 102. First semester, two lectures and two two-hour laboratory periods a week, four credits.
- 302. Vertebrate Embryology.**— MR. MESERVE
A study of the development of the chick and the pig embryos. From incubated chicks, whole mounts and serial sections a study is made of the origin, structure and development of the germ layers, tissues and systems of the body. Permanent slides of whole mounts and serial sections are also prepared.
Prerequisite, courses 102, 301. Second semester, two lectures and two two-hour laboratory periods a week, four credits. Not offered 1940-1941.

- 303. Genetics and Eugenics.—** MR. WALTER
 The laws and principles of genetics, as illustrated by animals and plants will be studied. The application of these principles to the betterment of the human race will also be considered.
 Prerequisite, course 102 or 122. First semester, three hours a week, three credits.
- 304. General Bacteriology.—** MR. WALTER
 This is a course of lectures, recitations and laboratory work suited to the needs of the general or special student who desires knowledge of the general field of bacteriology, including the cause, control and prevention of important diseases, and training in modern laboratory technique.
 Prerequisite, course 102 or 122 and Chemistry 102. Two recitations and two two-hour laboratory periods a week, four credits.
- 305. Vertebrate Histology.—** MR. WALTER
 A study of the microscopic structure of the cells, tissues and organs of the mammalian body. Each student is loaned a box of 80 prepared slides of representative tissues and organs. These are made the basis for study and laboratory drawings.
 Prerequisite, course 102. First semester, two lectures and two two-hour laboratory periods a week, four credits. Not offered 1940-1941.
- 409, 410. Individual Course and Seminar.—**
 MR. WALTER AND MR. MESERVE
 Second semester juniors and seniors may, with the approval of the head of the department and the instructor giving the course, take up lines of work not covered in the regular courses. The particular type of study will depend upon the student's preparation and interest, but may include assigned readings, training in laboratory technique, preparation of permanent microscopic slides, injection of laboratory specimens, making of charts, culturing of protozoa or advanced study of a special problem.
 First or second semester, or one year, two or four credits. Two credits are required of majors in the department.
- Teachers Course.—**
 See Education 461.

B. Botany

- 121-122. General Botany.—** MR. MESERVE
 A study of the principles of plant life. The first semester deals with the structure, activities, modifications and economic importance of the higher plants. During the second semester the work will involve a study of the great groups of plants with

emphasis upon reproduction and evolution, some time being given to the identification and classification of higher plants in the field.

One year, three lectures or recitations and one two-hour laboratory period a week, eight credits. This course counts four credits toward a major or minor if the student's grade is B or better, and five credits if course 102 is also completed.

221. Systematic Botany.—

MR. MESERVE

Identification and classification of plants. Devoted chiefly to the native plants of the region, including trees and shrubs.

Prerequisite, course 122. First semester, two laboratory periods a week, two credits.

Chemistry

PROFESSORS JONES AND SHIFLETT

For a major in chemistry students are advised to take courses 101-102, 201, 202, 307-308, 309, 310. A thesis is required. Other courses advised are: two years of German or French; Physics, course 201-202; Mathematics, course 201-202; Biology, course 101-102 or 121-122; Philosophy, course 209. Students wishing a minor in chemistry are advised to take courses 101-102, 201, 307-308, 309, 310. Students preparing to teach chemistry should take a major or minor in that subject, also Education 461, and comply with the State requirements as given under the Department of Education. Pre-medical and pre-dental students may arrange to take courses 101-102, eight credits; 203, two credits; 204, three credits; 307-308, four credits; and 309, two credits.

101-102. General Inorganic Chemistry.—

MR. JONES

The course includes a thorough study of the principal elements and their compounds, their occurrence in nature and preparation in the laboratory; also an introduction to the study of qualitative analysis, including systematic identification of the cations and lectures on the theory of solutions.

Prerequisite, one unit high school chemistry. One year, two lectures, two recitations and six hours in laboratory a week, eight credits.

Four credits may be applied toward a major or minor if a grade of B is attained.

- 103-104. General Inorganic Chemistry.—** MR. SHIFLETT
For students not presenting high school chemistry credits. This is the same as course 101-102, but begins with more elementary chemistry.
One year, two lectures, two recitations and six hours in laboratory a week, eight credits.
Four credits may be applied toward a major or minor if a grade of B is attained.
- 201. Qualitative Analysis.—** MR. SHIFLETT
Laboratory work on the identification of cations and anions. A course of lectures on the theory of qualitative analysis, including principles of equilibrium, ionization constant, solubility product, complex ions, etc.
Prerequisite, Chemistry 102 or 104 and one year of college mathematics (Mathematics 102 or 104). First semester, two lectures, one recitation and six hours laboratory a week, four credits.
- 202. Quantitative Analysis.—** MR. SHIFLETT
Lecture and laboratory work. Introduction to the methods of volumetric and gravimetric analysis.
Prerequisite, course 201. Second semester, two lectures, one recitation and nine hours laboratory a week, five credits.
- 203. Qualitative Analysis.—** MR. SHIFLETT
For pre-medical and pre-dental students. Laboratory work on identification of cations and anions. Class room work includes elementary theory involved in the analytical separation of the common metals and acids.
Prerequisite, course 102 or 104 and one year of college mathematics. First semester, one lecture, one recitation and two to four hours laboratory a week, two or three credits.
- 204. Quantitative Analysis.—** MR. SHIFLETT
For pre-medical and pre-dental students. A short course in volumetric and gravimetric analysis.
Prerequisite, course 201 or 203. Second semester, one lecture, one recitation and four to six hours laboratory a week, three or four credits.
- 303-304. Advanced Inorganic Chemistry.—** MR. SHIFLETT
This is a continuation of course 101-102, with an introduction to physical chemistry.
Prerequisite, course 201. One year, two lectures, two recitations and six hours in laboratory a week, six credits.
- 305R. Advanced Quantitative Analysis.—** MR. SHIFLETT
This laboratory course is a continuation of course 202.
Prerequisite, course 202. One semester, four to eight hours laboratory work a week, two to four credits.
- 307-308. Organic Chemistry.—** MR. JONES
A course of lectures on organic chemistry, including a study of the aliphatic and aromatic compounds. The chemistry of

foods, oils and explosives is considered. Some of the important compounds are prepared before the class. A laboratory fee of one dollar is charged, except when course 309, 310 is also taken.

Prerequisite, course 201. One year, two lectures and one recitation a week, four credits.

309, 310. Laboratory Course in Organic Chemistry.—

MR. JONES

To be taken with or upon completion of course 307-308. Organic compounds are prepared and studied. Quantitative results are expected. This course should be taken with course 307-308 when possible.

One year, six hours a week, four credits.

311, 312. Advanced Organic Chemistry and Qualitative Organic Analysis.—

MR. JONES

This course is a continuation of courses 307-308 and 309, 310. The detection of common food adulterants will receive attention.

Prerequisite, course 310. One year, six hours a week, six credits.

313R. Special Analysis.—

MR. SHIFLETT

Individual course in quantitative analysis, the exact work to be covered depending upon the qualifications and needs of the student. Food analysis and water analysis are among the subjects available.

Prerequisite, course 202. One semester, six hours a week, three credits.

331-332. Physical Chemistry.—

MR. SHIFLETT

Lectures and laboratory work. A general study of: atomic and molecular weight determinations; properties of gases, liquids and solids; solutions; homogeneous and heterogeneous equilibrium; thermochemistry; electrochemistry; colloids.

Prerequisite, Chemistry 202, Physics 202 and Mathematics 202. One year, three lectures and six hours laboratory a week, ten credits.

Note: To satisfy the entrance requirements at the University of Minnesota Medical School a shorter course of one year, two lectures, three laboratory hours a week, six credits is offered for pre-medical students.

403-404. Individual Course.— MR. JONES AND MR. SHIFLETT

A special study is made of the latest developments in chemical theories, etc. An exhaustive thesis, on an approved subject, is required. Once a month the seminar will be open to all students interested, when reports will be made on current chemical topics and theses.

Open to seniors only, except by permission. One year, one hour a week, two credits.

Teachers' Course.—See Education 461.

Economics

PROFESSOR YOUNG, MR. MAIRS, MR. RISTY, AND
MR. YOUNGDAHL

Twenty credits are required for a major in Economics. The following courses must be included: 231-232, 339, 376 and at least one other course numbered 300 or above. A minor consists of twelve credits and includes 231-232 and either 339 or 376.

An interdepartmental major is available in Economics and Political Science. It consists of twenty-six credits in the two departments and must include Economics 231-232, 339 or 376 and Political Science 209-210, 301 or 351-352. An interdepartmental minor consists of fifteen credits and includes Economics 231-232, Political Science 209-210 and at least one 300 course from either department.

201. Survey of Economics.— MR. YOUNG

This course covers in a briefer and more elementary form the material contained in Course 231-232. It carries no credit toward a major or minor.

Prerequisite, twenty-four credits or consent of instructor. First semester, three hours a week, three credits.

231-232. Principles of Economics.— MR. YOUNG

A study of social efficiency in the production, exchange, distribution and consumption of economic goods and services. Emphasis on the development of ability to use economic principles intelligently in analyzing economic problems.

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

240R. Introduction to Statistics.— MR. YOUNGDAHL

The elementary principles of statistics with emphasis on their use for interpretative purposes in the fields of economics and business, education, psychology and sociology; includes the gathering of group data, methods of tabulation and the nature of frequency distributions, graphic representations, averages, dispersion, correlation, probable error, and index numbers.

Either semester, two hours a week, two credits.

271, 272. Accounting Methods in Economic Analysis.—

MR. RISTY
Theory and practice of modern accounting; special emphasis on valuation and interpretation. For those who wish to understand business phenomena, or to utilize and interpret the value data of economic science.

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

- 339. Labor Economics.**— MR. YOUNG
A survey of labor problems; trade unionism growth and trends; labor legislation; personnel administration.
Prerequisite, course 232 or consent of instructor. First semester, three hours a week, three credits.
- 342. Public Finance.**— MR. YOUNGDAHL
Theory and practice in the revenues and expenditures of governments, with emphasis upon the nature and effects of taxation as a means of raising revenue and as a means of social control; problems of readjustment in systems of taxation, budgeting and government debts.
Prerequisite, Political Science 210 and Economics 232, or consent of instructor. Second semester, three hours a week, three credits. Not offered 1940-1941.
- 372. The Distributive System.**— MR. YOUNG
A study in the distribution of goods and services from the producer to the consumer, including the institutions, practices and policies involved. An analysis of the effectiveness of the marketing system in serving the interests of consumers.
Prerequisite, course 232. Second semester, three hours a week, three credits.
- 373. Corporation Finance.**— MR. YOUNGDAHL
The corporation and its financial structure; promotions; working capital; profit distributing policy; business expansion; industrial combinations; reorganization methods and other problems encountered in financing a business enterprise.
Prerequisite, course 232. First semester, three hours a week, three credits.
- 374. Principles of Investment.**— MR. MAIRS
Investment principles and practices; securities analyzed by types and industries; examination of investment literature and services; emphasis on the investment problems of the average man.
Prerequisite, course 373, or consent of instructor. Second semester, three hours a week, three credits. Not offered 1940-1941.
- 376. Monetary and Banking Policies.**— MR. YOUNG
Monetary and banking systems, problems, institutions, policies; banking operations, organization, and management; functions of trust companies, savings banks, Federal Reserve System, government credit organizations, Bank of International Settlements; currency problems; foreign exchange.
Prerequisite, course 232. Second semester, three hours a week, three credits.

401. Survey of Economic Systems and Thought.—MR. YOUNG

The development of economic thought from ancient times to the present with emphasis on outstanding writers such as Aquinas, Munn, Smith, Ricardo, Mill, Marx, Marshall, Keynes, Hayek and Chamberlin. A comparative study of economic systems which includes the manorial, guild and domestic as well as the contemporary systems of Russia, Germany, Italy and Sweden.

Prerequisite, twelve credits in economics, senior standing and consent of instructor. First semester, three credits.

406. Economics Seminar.—

MR. YOUNG

Conferences and reports on individual research in the field of Economics.

Open to seniors with consent of instructor. Second semester, three credits.

491-492. The Community as a Laboratory.—

Identical with Political Science 491-492 and Sociology 491-492. Conferences, reports, readings, seminars and field investigations in the Twin Cities metropolitan region. Economic, political and social phenomena are studied empirically by direct contact and observation. Methods of social investigation; community setting, history and ecology. The student is expected to engage in individual work on selected problems: e. g., institutions and technique for the social control of crime; public safety, housing, the handicapped, recreational agencies; family, child and aged welfare; racial areas and populations; social planning, coordination and publicity; the wholesale district, the railroad industry, flour mills, trade unions, WPA projects, manufacturing, grain exchanges, water transportation, financial and mercantile establishments; observation of state and local government in the area; elections and political parties, legislation and administration; the commission and mayor-council governments; civil service, functioning of the legal system.

Open to seniors of high standing, with special prerequisites. One year, three hours a week, six credits (two credits each to Economics, Political Science, and Sociology).

Teacher's Course.—See Education 462.

Courses of special interest to students of Economics are: Business English, English 203-204, Mathematics of Investment, Mathematics 306. and Social Studies, Education 462.

Education

PROFESSORS BRADLEY AND REPLOGLÉ

Students who expect, at graduation, to secure certificates to teach in the public schools of any state should consult early in their junior year with the head of the Department of Education regarding the requirements in educational and academic subjects of the particular state in which they are interested.

In Minnesota, the requirements for the High School Standard General Certificate are as follows:

I. A major in an academic subject which is taught in high school.			
II. Educational Psychology.....	3	semester	hours
Principles of Teaching.....	3	"	"
A combination of a. Practice Teaching } b. Observation }	3	"	"
Special Methods.....	3	"	"
Elective course in education.....	3	"	"
TOTAL.....	15	"	"

In addition, in Minnesota, an instructor is approved for teaching a subject only when his preparation in that subject or field is considered "adequate". Usually a minor or its practical equivalent is required. The North Central Association, to which many of the better high schools belong, requires of those teaching academic subjects in the high schools of its membership, training equivalent to fifteen semester hours in the subject or field to be taught. In the foreign languages and in mathematics a limited amount of credit is allowed for work taken in high school.

Teachers certificates are not granted automatically upon completion of requirements for them. Application for certificates should be made by the individual directly to the State Department of Education of the state in which certification is desired.

Residence requirement for a certificate is thirty semester hours credit, nine of which must be in Education.

Psychology 201 is a prerequisite for all courses in education. No regular student should enroll for more than two courses in education during one semester, not including, however, Education 411, which may be taken jointly with two other courses.

Major in General Science

A major restricted to those preparing to teach laboratory sciences may be elected in lieu of one of the majors provided in the science departments. This major does not so well prepare one to

enter a graduate school, or industrial work. It is believed, however, that it will prepare the student more adequately to enter the field of science teaching in high school than the more specialized academic major. The number of hours required in the general science major is approximately the same as is required for an academic major and a supporting minor, if both are taken in science fields. By proper election of courses the first or supporting minor may be made a part of the general science major. If this is done, at least 36 of the 44 credits in the major-minor combination must carry a grade of C or better. If two minors entirely outside of the general science major are completed, at least 24 of the 44 credits in the major must carry a grade of C or better.

The requirements for the general science major are as follows:
Prerequisite, Mathematics, eight credits.

The Major.—

1. Physics, Chemistry and Biology, each eight credits	24 credits
2. Additional, in one of the above sciences, eight credits	8 credits
3. Additional, twelve credits in Group III, which may include Geology, but excluding the science in which the sixteen credits are taken. This may include not to exceed four credits in mathematics	12 credits
Total	44 credits

Students electing this major should take the four foundation courses in mathematics and science before their junior year so that they may have ample opportunity during their junior and senior years to secure the required number of upper class credits.

201R. Educational Psychology.—

An introduction to the nature of the secondary school pupil. An elementary treatment of statistics and their use in interpreting psychological and educational data. Psychological and educational tests; their nature, purposes and how to use them. The influence of nature and nurture. The characteristics of various types of learning, transfer of training and the psychology of school subjects. Human motivation. Text, collateral readings, a work-book and some experimentation.

Open to sophomores in the second semester. Prerequisite, Psychology 201. Either semester, three hours a week, three credits.

301R. Principles of Teaching.—

A continuation of much that has been touched upon in course 201, but with emphasis placed upon school subject matter and the teaching situation. The selection of instructional material, lesson planning, assignment making. Problems of classroom management including discipline. Teaching pupils how to study and training them in habits of study. A critical evaluation of such practices as homogeneous grouping, project and problem teaching, the use of visual aids, socialized class procedure, the Dalton Plan, the Morrisonian Unit Plan, etc. Observation in the public schools correlated with class study.

Prerequisite, course 201. Either semester, three hours a week, three credits.

303. History of Education in the United States.—

The course deals with the European background of American Education and the development of educational institutions and the problems associated with them in America. The problems of secondary education receive special attention. A non-technical course of large cultural content and suggested for those wishing some insight into educational problems but not preparing to teach.

Prerequisite, fifty-four credits. First semester, three hours a week, three credits.

306. Principles of Secondary Education.—

The aims and functions of secondary education and the relationship of secondary to both elementary and higher education. The secondary school curriculum, educational and vocational guidance, community relationships, the school plant and equipment, the teaching staff, problems of administration and supervision, comparative studies in school costs, extra-curricular activities and their organization, and supervision. A broad survey course which should preferably be taken in the student's junior year.

Prerequisite, fifty-four credits, including course 201. Second semester, three hours a week, three credits.

307. Educational Tests and Measurements.—

This course deals with the construction and use of informal tests and the selection and use of standardized tests and scales employed in measuring educational products, or for purposes of educational prognosis, or diagnosis of learning difficulties.

Training is given in elementary statistical computations and in the interpretation of statistical data. Attention is given to tabular and graphic presentation of data. Valuable for teachers and especially for those going into administrative or supervisory work or into graduate and research work.

Prerequisite, fifty-four credits, including Course 201. First semester, three hours a week, three credits.

402. Educational Problems.—

An advanced course dealing with methods of educational investigation and research. Readings on methods of research and a canvass of typical research reports. Each student selects a problem and studies it critically, finally formulating a brief written report or thesis based upon it. Conducted largely upon a seminar basis. Open only to seniors who have the approval of the Department of Education.

Second semester, one or two credits.

406. Educational Administration.—

An introductory course in the administration of public schools, including school districts, school officials, the internal organization and administration of school systems, school revenues and expenditures, present educational problems and their possible solutions. Designed particularly for those expecting to go into administrative or supervisory work in education.

Prerequisite, ninety credits including nine credits in Education. (Courses 201, 301 required and 307 recommended.) Second semester, three hours a week, three credits.

411R. Practice Teaching and Observation.—

A series of directed observations covering the major problems of classroom technique as found in both the junior and senior high school. Practice teaching in the St. Paul City High Schools or in other institutions as opportunity affords, under the supervision of experienced critic teachers and the general supervision of the Department of Education. Reports, individual and group conferences.

Open only to seniors and required of all who expect to teach.

Prerequisite, course 301, unless permission is granted by the head of the Department of Education to carry it concurrently with 301. Either semester, three or five credits.

Special Methods of Teaching

Three credits or two courses in special methods must also be earned for certification in Minnesota. It is strongly advised that two courses in special methods be taken, these to be selected preferably in the fields of the student's major or minors.

For all courses in special methods, prerequisite is senior classification, prerequisite or corequisite course 301, approval upon registration of both instructor and Department of Education. The courses offered follow.

- 451. Speech.**— MISS WHITRIDGE AND MISS OWEN
 Methods of planning and presenting speech in secondary schools. Six weeks in fundamentals of speech, six weeks in argumentation and debate, and six weeks in play production.
 Prerequisite, one of the following courses in speech: 211-212, 241-242, or 441-442. First semester, two hours a week, two credits.
- 452. English.**— MR. WARD
 Modern aims and techniques of planning and presenting English to students at the secondary level will be considered in detail. There will also be practice in teaching the various phases of English.
 Prerequisite, ninety credits, including English 267, 268 and 403. Second semester, two hours a week, two credits.
- 454. Modern Foreign Languages.**— MRS. SUNDEEN
 Consideration of the problems of foreign language instruction in the United States; data for their solution from the Modern Foreign Language Study and contemporary periodical literature. Analysis of recent syllabi, particularly those prescribed for Minnesota High Schools. Review of text books, observation and lesson planning. Given with the cooperation of the departments of French, German and Spanish.
 Prerequisite or collateral requirements: French 303-304 or German 312 or Spanish 315 and 316. Second semester, two hours a week, two credits.
- 458. Latin.**— MISS PALMER
 Consideration of the problems pertaining to the teaching of high school Latin.
 Prerequisite, Latin 202. Second semester, two hours a week, two credits.
- 459. Mathematics.**— MR. CAMP
 A survey of objectives, methods of teaching and measurement of results in teaching secondary mathematics. There will be opportunities for classroom demonstrations and criticism of various techniques.
 Prerequisite, minor in mathematics. First semester, two hours a week, two credits.

- 461. Natural Science.—** MR. BRADLEY and Members of the Science Departments
 A survey of the objectives, content, methods of teaching and of measuring results in the science courses offered in high school. A study of committee and survey reports, state syllabi, texts and workbooks.

Prerequisite, a major or minor in a laboratory science. First semester, two or three hours a week, two or three credits.

- 462. Social Studies.—** MR. HOLMES
 The object of this course is to give the new teacher an acquaintance with the Social Studies which will engender confidence in the classroom and intelligent participation in faculty meeting. Lesson planning based on the Minnesota syllabi and current secondary school texts; reports of observation, criticism and discussion; introduction to professional literature. For registration requirements, see page 71.

Prerequisite, fifteen credits in history and twelve credits selected from at least two of the three departments: Economics, Political Science and Sociology. Second semester, three hours a week, three credits.

- 475-476. Public School Music—Choral and Ensemble Conducting.—** MR. JOHNSON
 (a) Technique of Conducting
 (b) Instrumentation
 (c) Survey of choral and ensemble literature.

Prerequisite or corequisite, music major with concentration in Choral Music or Band Ensemble, or permission of instructor. One year, two hours a week, four credits.

- 477-478. Public School Music—Methods.—** MR. JOHNSON
 (a) Elementary School Methods
 (b) Methods in Music Appreciation
 (c) Survey of Materials

Corequisite, Education 475-476. One year, one hour a week, two credits.

English

PROFESSORS WARD, CLARK, DOTY, MAY, COLEMAN, MISS HANLEY AND MR. BURG

A major in English consists of at least 20 credits and a minor of at least 12 credits in courses numbered 200 or above. Both major and minor include course 267-268. A major includes also courses 387-388 and 389-390.

The general requirement in English consists of six credits in composition and a passing grade in the sophomore tests. Students

who enter with deficiencies in English are required to take course 101-102 and 103-104. Other students are required to take course 103-104. The remainder of the six credits may be earned in additional laboratories or in the conferences of course 111-112. Upon advice of two professors any student may be required to take laboratories in addition to six credits.

A. Writing Laboratories

The aim of these laboratories is (1) to assist students in writing clear, concise, and otherwise acceptable English in all their courses, (2) to provide them with a suitable environment for preparing written assignments in the courses they are taking, for doing work on college publications, and for other necessary or recreational writing. Two laboratories are available, one for students who write by hand and one for those who prefer to use a typewriter. By arrangement, students may use these facilities, even if they are not enrolled in writing courses.

Course work is on an individual basis, each student setting his own tasks and proceeding at his own pace. All writing is done under supervision. Three hours a week in laboratory is considered normal for completing a two-credit year course, though students who enter with deficiencies in English will be expected to spend additional hours.

101-102. Writing and Essentials.—

Entering students who are found deficient in placement tests are required to enroll in this course. Instruction and practice will include, besides writing, exercises covering the areas of the placement tests: (1) spelling and word study, (2) usage and sentence structure, (3) reading and study habits. The number of hours a week in class will depend on the number of areas in which the student is deficient.

One year, three, four or five hours a week, two credits.

103-104. Reports and Papers.—

Instruction and practice in using the library for investigation and critical reading, in planning, writing, and documenting course reports and papers. To be taken by all students during the freshman or sophomore year. Students are to specify the course or courses for which they intend to write papers.

Prerequisite, placement test. One year, three hours a week, two credits.

105-106. Freshman Elective.—

May be elected instead of or in addition to course 103-104 during the freshman year. Students indicate the type of writing they intend to do by adding one of the following letters to the course number.

A. Imaginative Writing. Open to freshmen who have done creative writing in high school and who plan to qualify for membership in the Quill Club. Instruction and practice in writing the type of literature that the student is reading.

B. Newswriting. Open to freshmen who have done news-writing in high school and who plan to qualify for a position on the Mac Weekly. Instruction and practice in writing all types of leads, straight news stories, and features. Reporting of social affairs, speeches, interviews, sports and local events. Law of the press. Students are expected to use a typewriter.

Prerequisite, placement test and evidence of work done in high school. One year, three hours a week, two credits.

201-202. Sophomore Writing.—

Students indicate the type or types of writing they intend to do by adding one or two of the following letters to the course number.

A. Imaginative Writing. Instruction and practice in writing the type of literature that the student is reading. To be taken only in connection with course 267-268.

B. Newswriting. A continuation of course 105-106B. To be taken only in connection with work on the Mac Weekly.

C. Critical Writing. A continuation of course 103-104 for students who need additional instruction and practice in writing course papers. A knowledge of mechanics is assumed. Emphasis is on clear and forceful presentation of the student's own ideas. Students are to specify the course or courses for which they are to write papers.

Prerequisite, twenty-four credits and course 104 or 106. One year, three or six hours a week, two or four credits.

203-204. Business Reports and Correspondence.—

Designed chiefly for those who plan to enter business or teaching. The establishment of credit, making of adjustments, sales and collections, and the principles and techniques involved in the writing of all types of business letters and reports. Students are expected to use a typewriter.

Prerequisite or corequisite, course 104 and Economics 232 or Education 301. If taken during the sophomore year, permission of the Economics or Education department is also required. Ordinarily this course should be taken in the senior year.

301-302. Advanced Writing.—

Students indicate the type or types of writing they intend to do by adding one or two of the following letters to the course number.

A. Imaginative Writing. Instruction and practice in writing the type of literature that the student is reading. To be taken only in connection with courses 351-352, 375-376, or 385-386, or membership in Quill Club.

B. News Editing and Editorial Writing. Open only to staff members of the Mac Weekly and The Mac. Instruction and practice in editing news copy, writing headlines, evaluating news, and planning page layouts. Students learn to use both copyreader's and proofreader's standard symbols. Actual copy-desk experience and editorial experience.

C. Major Projects. Open only to students enrolled in seminar or individual courses. Study of the styles of various scholarly journals and presses. Development of an academic style appropriate to the field in which the student is majoring. Preparation of manuscript for publication.

Prerequisites as stated above. One year, three or six hours a week, two or four credits. This course or any part of it may be repeated.

403. The English Language.—

Descriptive and historical studies of English grammar and vocabulary as related to current usage. Designed especially for prospective teachers of English. Members of the class are expected to assist in preparing exercises for course 101-102 and in helping freshman students.

Prerequisite, qualifying examination and ninety credits. First semester, two class hours and one laboratory hour a week, two credits.

B. Literature in English

The aim of these courses is (1) to enable students to read with understanding and discrimination, (2) to acquaint them with the outstanding writers and their chief works in English or in translation, (3) to develop habits of critical analysis and a vocabulary for critical description, (4) to relate the chief literary movements and periods to the social, philosophical, religious, and artistic progress of mankind.

111-112. Introduction to the Humanities.—

Lectures and readings in art, history, literature, music, philosophy, and religion. Within a chronological framework of

Western World history are presented ideas and appreciations relevant to the understanding of contemporary culture. Student reports and discussion under student leadership in conferences. This course counts four credits toward the general requirement in English and two credits toward the general requirement in Religion.

Prerequisite, placement test. One year, four lectures and two conferences a week, ten credits.

267, 268. The Art and Appreciation of Literature.—

Based on the literature of the nineteenth and twentieth centuries. Required of English majors and minors.

One year, three hours a week, six credits.

351-352. American Literature.—

MISS DOTY

A survey of our national literature as it expresses the development of our national thought and life from early colonial days to the present time. Lectures and readings contain the basic ideas of the course; conference is optional for students who wish to do independent work in literary history and appreciation.

Prerequisite, fifty-four credits or instructor's permission. One year, three hours a week, four or six credits. The two extra credits are assigned to students who complete the conference work.

375-376. The English Novel.—

MISS MAY

Its rise and development. First semester, Defoe to George Eliot; second semester, Hardy to the present.

Prerequisite or collateral, course 268. One year, three hours a week six credits.

385-386. British Drama Since 1660.—

MISS MAY

Lectures and readings. First semester, Dryden to Ibsen; second semester, nineteenth century British drama to the present.

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

C. History of English Literature

The aim of this comprehensive course is to intensify the objectives stated under B above by limiting them to English literature. Both courses are required of English majors. 387B (Chaucer), 388D (Shakespeare), and 389A (Milton) may be taken by non-majors as separate courses.

387, 388. English Literature, 750-1600.—

First semester: Elements of Old and Middle English. Readings from Chaucer. Lectures and readings developing a knowledge of the periods from 750 to 1500.

Second semester: Readings from Spenser and Shakespeare. Lectures and readings developing a knowledge of the periods from 1500 to 1600.

Individual work (optional):

- | | |
|------------------------------|---|
| A. Old English (two credits) | D. Shakespeare (three credits) |
| B. Chaucer (three credits) | E. Drama to 1600 |
| C. Spenser (one credit) | F. Selected Topics (one or two credits) |

Prerequisite, fifty-four credits. One year, six to twelve credits. Class work alone, three credits each semester. Class work in connection with individual work, one to three credits each semester. Individual work, three to five credits each semester. Alternates with course 389, 390.

389, 390. English Literature, 1600-1800.—

First semester: Readings from Milton and the Restoration writers. Lectures and readings developing a knowledge of the periods from 1600 to 1700.

Second semester: Readings from classic and preromantic writers. Lectures and readings developing a knowledge of the periods from 1700 to 1800.

Individual work (optional):

- | | |
|--|--|
| A. Milton (three credits) | C. Selected Topics: Classic Writers (two or three credits) |
| B. Seventeenth century religious poetry (one credit) | D. Selected Topics: Preromantic Writers (two or three credits) |

Prerequisite, fifty-four credits. One year, six to twelve credits. Class work alone, three credits each semester. Class work in connection with individual work, one to three credits each semester. Individual work, three to five credits each semester. Not offered 1940-1941.

Fine Arts

201R. Music Appreciation.—

MR. JENSEN

An introduction to the aesthetics of Music, and a survey of the Musical Literature of the Western World from the eighteenth century to contemporary times.

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

203R. Art Appreciation.—

An introduction to the aesthetics of Art, and a survey of Architecture, Sculpture and Painting in the Western World, from ancient Egypt to contemporary Europe and America.

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

French

PROFESSORS FICKEN, SUNDHEIM, HARRISON
AND SUNDEEN

A major in French must include courses 301-302, 303-304 and 333 or equivalents approved by the department. An equivalent of course 333 is a grade of A or B in course 201-202. Courses 101-102 and 103 are not counted toward a major or a minor. See, also, restriction as to course 206.

The department does not undertake to recommend candidates to teach French who have not completed at least a minor including courses 303-304 and 333 or approved equivalents. Teacher candidates should also have had course 301-302 if possible.

Prerequisite for all courses, except 101-102 and 201-202, is course 202, unless otherwise stated. Courses 313 to 330 should be preceded by course 301-302, except by permission of the department.

101-102. Elementary French.—

MISS SUNDHEIM AND MRS. SUNDEEN

Pronunciation, oral work, dictation, the essentials of grammar and reading of elementary texts.

One year, five hours a week, eight credits.

103-204. Elementary and Intermediate French.—

MRS. SUNDEEN

A concentrated course for beginners of approved aptitude and designed to develop a reading ability in two semesters.

One year, six hours a week, twelve credits.

201-202. Intermediate French.—

MISS SUNDHEIM AND MR. HARRISON

Review of grammar, composition, oral work and the reading of modern French texts. Course 206 is optional as a substitute for course 202.

Prerequisite, course 102 or two years of high school French. One year, four hours a week, eight credits.

206. Scientific French.—

MR. HARRISON

A reading course for science students, elective as a substitute for course 202. Does not count toward a major. Counts toward a minor only for students whose major is in Group III.

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

301-302. History of French Literature.—

MISS SUNDHEIM

A general survey of French literature. Lectures, outside readings and reports.

One year, three hours a week, six credits.

303-304. Phonetics and Conversation.—

MR. FICKEN

Physiological analysis of the production of French sounds, intensive drill in pronunciation, weekly conference with the instructor and individual use of the phonograph for corrective purposes. The second semester is devoted primarily to conversation and presentation of plays. Should be taken before the senior year. Speech 141 and, if possible, 441 should precede or parallel this course.

Prerequisite for course 304 is course 303 and satisfactory rating in grammar placement test. One year, three hours a week, four credits.

- 316. The Modern Novel.**— MISS SUNDHEIM
 Extensive reading of prose from Balzac to the present time.
 Second semester, three hours a week, three credits. Not offered
 1940-1941.
- 322. Nineteenth Century Drama.**— MISS SUNDHEIM
 Extensive reading of plays representative of French dramatic
 currents since 1830.
 Second semester, three hours a week, three credits.
- 333. French Composition.**— MISS SUNDHEIM
 A review course, primarily for seniors who intend to teach
 French.
 First semester, three hours a week, three credits.
- 401R. Senior Studies.**—
 By special arrangement with the department advanced stu-
 dents may undertake individual or group projects in courses
 not currently offered. Typical of such areas are the following:
 Eighteenth Century Prose.
 Romantic Literature.
 Seventeenth Century Drama.
 French Poetry.
 Hours and credits to be arranged.
- Teachers' Course.**—See Education 454.

Geology

PROFESSOR ALEXANDER

A major in the department consists of twenty-three credits in
 Geology, including course 401. Other courses recommended for a
 Geology major are: Biology 102, Chemistry 102, or Physics 202.

101-102. General Geology.

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

One year, two lectures, one recitation, one two-hour laboratory
 period, field work, eight credits. Biology majors are permitted to take
 course 102 without laboratory for three credits.

201. Mineralogy.

A study of the common crystal forms and the practical methods
 for the identification of the useful minerals.

Prerequisite, Chemistry 102. First semester, one lecture and two
 two-hour laboratory periods a week, three credits.

202. Petrology.—

A study of the origin, occurrence, classification, alteration, and use of the most common and important rocks.

Prerequisite, course 201. Second semester, one lecture and two two-hour laboratory periods a week, three credits.

303. Vertebrate Paleontology.—

A study of the origin and development of the ancestral mammals and their relation to the other living and extinct groups.

Prerequisite, course 102 or Biology 102. First semester, three hours a week, three credits.

304. Regional Geology.—

This course is given to introduce the student to the principles involved in the study of advanced general geology, and to offer the local student an opportunity to become better acquainted with the interesting and important geology of the region in which he lives. The topography, structure, and geologic history of Minnesota and Wisconsin together with some of the contiguous territory are studied.

Prerequisite, course 102. Second semester, two lectures and one two-hour laboratory or field period a week, three credits.

305. Economic Geology.—

A study of the origin and occurrence of most important geologic products of the earth. The time is given largely to the useful metals, coal, oil and gas, soil, and the building materials.

Prerequisite, course 102. First semester, three hours a week, three credits.

306. Fossil History of Man.—

This course deals with the general problems of physical anthropology and fossil evidences relating to pre-historic man, and the origin and development of the present races.

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

401R. Individual Course.—

In this course the student selects a problem involving field or laboratory work in the branch of the subject in which he is especially interested. The aim is to develop initiative and resourcefulness in carrying on investigation. Detailed maps and reports are required.

Prerequisite, 11 credits in Geology. Either semester, or one year two to four credits.

German

PROFESSOR CARLETON AND MISS LYNCKER

Course 101-102 is not counted toward a major or minor.

101-102. Elementary German.—

A thorough study of vocabulary, grammatical analysis and the technique of translation. Graded reading materials form the textual basis of the course and the acquisition of a good reading ability is the final objective. This course is intended for students who have had no German or for those whose knowledge of the language is insufficient to admit them to advanced courses.

One year, five hours a week, eight credits.

201. Rapid Reading.—

A continuation of course 102. Since the material of 102 trains the student to read material of beyond average difficulty, the reading material of 201 and 202 differs chiefly in variety. This course is a prerequisite to all other courses for students who were graded C or lower in 102.

Prerequisite, 102 or special departmental examination. First semester, four hours a week, four credits.

202. Rapid Reading.—

A final semester devoted to the preparation of students for advanced courses and differing from 201 in kind rather than in difficulty.

Prerequisite, a grade of A or B in course 102, or course 201, or an approved equivalent. Second semester, four hours a week, four credits.

207. Scientific German.—

In this course reading material from the physical and biological sciences is studied in a manner similar to that used in 101-102 and 201, 202 with a slightly greater emphasis on translation technique. This course is recommended for all Group III majors.

Prerequisite, a grade of A or B in 102, or a grade of C in a third semester, or a passing grade in a fourth semester of German. First semester, four hours a week, four credits.

208. Medical German.—

The reading of material from the various branches of medical science. Advised for all pre-medical students.

Prerequisite, a grade of A or B in course 102, or a grade of C in a third semester, or a passing grade in a fourth semester of German. Second semester, four hours a week, four credits.

209R. A Continuation Course.—

This course is intended for all students who have completed their college or pre-professional school requirements and wish to retain their ability in the language. It is not open to German majors but may be chosen to fulfill minor requirements.

Either semester, one hour a week, one credit.

311. Conversation.—

A course in which a minimum of 600 words and expressions, which have been taken largely from the student's silent or reading vocabulary, is presented in a manner to give the student a desirable oral ability in German.

Prerequisite, a grade of A or B in course 102, or a grade of C in a third semester, or a passing grade in a fourth semester of German. First semester, four hours a week, four credits.

312. Composition.—

The writing of short compositions and letters within the limits imposed by a minimum vocabulary of 600 words. The vocabulary of this course is not identical with that of 311 although the two vocabularies are necessarily very similar.

Prerequisite, a grade of A or B in course 102, or a grade of C in a third semester, or a passing grade in a fourth semester in German. Second semester, four hours a week, four credits.

401R. Senior Studies—

THE STAFF

The following subjects may be elected for study by students who wish a major in German or who for other reasons wish to continue their study in their senior year. Sixteen credits in German courses above 102 are necessary for admission to these courses:

Advanced composition and essay writing.

History of German Literature.

The Age of Goethe.

German Literature of the 20th century.

Lyric Poetry.

The German Drama.

Credits and hours to be arranged.

Teachers' Course.—See Education 454.

Greek

PROFESSOR HALL

Course 101-102 is not counted toward a major or minor. Courses 201-202 and 203-204 are counted as 300 courses for third year students.

101-102. Grammar.—

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

One year, five hours a week, eight credits.

112. Classic Mythology.—

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

Second semester, two hours a week, two credits.

201-202. Xenophon or Lucian and Homer.—

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

- (b) The *Iliad*, Books I-IV in literary and grammatical study.

Prerequisite, course 102. One year, four hours a week, eight credits. Not offered 1940-1941.

203-204. 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.

Prerequisite, course 102. One year, four hours a week, eight credits.

311. Greek Literature in Translation.—

Studies in the classic prose writers and poets of Greece for students having no knowledge of Greek.

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

History

PROFESSORS HOLMES AND WASSON

A major in History consists of twenty-four credit hours selected under the guidance of the department. In the additional eighteen hours from groups II or IV required for graduation there should be included at least six hours from the following courses: Economics 231-232; Political Science 209-210, 301.

A major includes courses 101-102, 203-204 and four semester courses numbered 300 or above, selected with the approval of the department.

A minor consists of fifteen credit hours and should include courses 101-102 or 201, 202 and 203, 204.

Students who plan to take the teachers' course must consult the department when registering for the first semester of the senior year. For teachers, the following courses are essential: Economics 231-232, Political Science 209-210 and Sociology 203-204.

101-102. Rise of Modern Europe.—

MR. HOLMES AND MRS. WASSON

A survey of the cultural achievements of ancient and medieval society followed by a more detailed study of the development of modern civilization and its problems. This course is intended for freshmen and is open to upper classmen only with the consent of the department; when taken by juniors or seniors half credit is allowed. Only freshmen entering in February will be permitted to start this course the second semester.

One year, three hours a week, six credits.

201, 202. English History.—

MR. HOLMES

A survey of the economic, political, religious and social life of the English people from the fifth century to the present. In addition to presenting the rise of modern England and the British Empire, the course affords a background for the study of English literature, English constitutional history and early American institutions. First semester to 1603. This course is designed for sophomores.

One year, three hours a week, six credits.

203-204. The United States from Colonial Times to the Present.—

MRS. WASSON

A survey of American History. This course deals intensively with the social, economic, and political development of the nation. Special stress is placed on the westward expansion and colonial extension of the United States. American activity in the Great War and post war conditions are covered.

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

301. Ancient Civilization.—

MR. HOLMES

A study of the historical development of early culture with chief stress on Greek and Roman civilization.

Prerequisite, fifty-four credits. First semester, three hours a week, three credits. Alternating with course 305. Not offered 1940-1941.

303. Medieval Civilization.—

MR. HOLMES

The development of European culture from the decline of the Roman Empire to the end of the sixteenth century.

Prerequisite, fifty-four credits. First semester, three hours a week, three credits. Alternating with course 307. Offered 1940-1941.

304. Europe from the Reformation to the French Revolution.— MR. HOLMES

An advanced study of significant trends and movements in the sixteenth, seventeenth and eighteenth centuries.

Prerequisite, fifty-four credits, including course 101-102. Second semester, three hours a week, three credits. Alternating with course 308. Offered 1940-1941.

305. Europe from 1871 to the Present.— MR. HOLMES

This course is identical in content and method with course 308.

Prerequisite, fifty-four credits, including course 101-102 or with the consent of the instructor. First semester, three hours a week, three credits. Alternating with course 301. Offered 1940-1941.

307, 308. Nineteenth and Twentieth Century Europe.— MR. HOLMES

An intensive study intended to acquaint students with the development of political, social and economic forces in recent European history. During the second semester emphasis will be placed on the period since 1871.

Prerequisite, fifty-four credits, including course 101-102. One year, three hours a week, six credits. Alternating with courses 303, 304. Not offered 1940-1941.

313. American Diplomatic History.— MRS. WASSON

A survey of the foreign relations of the United States with emphasis on the background of present day policies and the significance of public opinion in the development of those policies.

Prerequisite, fifty-four credits and course 204. First semester, three hours a week, three credits.

401, 402. Individual Course.— MR. HOLMES AND MRS. WASSON

This course is open to those advanced students in history who wish to study some subject not regularly offered. The subject studied and the nature of the instruction will be determined in conference with the department.

Prerequisite, ninety credits. Hours and credits to be arranged.

Teachers' Course.—See Education 462.

Latin

PROFESSOR PALMER

A major in Latin consists of twenty credits of which fourteen must be in five courses, numbered 300 or above. A minor consists of twelve credits of which six must be 300 courses. Students who desire a recommendation for teaching Latin are required to have had at least four years of high school Latin or its equivalent and Education 458, but are strongly urged to take course 206. Those who have met this minimum requirement can be recommended for teaching only the first two years of Latin. Those wishing to teach more than that must take at least one year of advanced Latin. In addition to the courses required in the Latin department a major student is advised to secure a minor in Greek, and to elect History 301 and Philosophy 311.

Course 101-102 is not counted toward a major or minor.

101-102. Elementary Latin and Caesar.—

A study of Latin grammar with the reading of easy Latin and Caesar.

One year, five hours a week, eight credits.

201-202. Intermediate Latin.—

Selections from the orations of Cicero and Vergil's Aeneid. A brief study of the lives of the men and the historical background of their writings. No credit is given for one semester unless the student offers three years of Latin from preparatory school.

Prerequisite, two years of high school Latin or course 102. One year, four hours a week, eight credits.

206. Latin Literature in Translation.—

A study of the lives and writings of the chief Latin authors for those who do not read Latin.

Prerequisite, twenty-four credits or permission of the instructor. Second semester, two hours a week, two or three credits. Not offered 1940-1941.

212. Roman Private Life.—

Life and customs of the ancient Romans. No knowledge of the language is required.

Prerequisite, twenty-four credits or permission of instructor. Second semester, two hours a week, two or three credits.

301, 302. Comedy, Livy.—

Representative plays of Plautus and Terence in the first semester. In the second semester selections from Livy are read with especial emphasis on the topography and growth of the city of Rome.

Prerequisite, four years of high school Latin or course 202. One year, three hours a week, six credits.

309. Composition.—

A review of Latin grammar in connection with prose composition.

Prerequisite, fifty-four credits and course 202 or equivalent. First semester, two hours a week, two credits.

311, 312. A History of Latin Literature.—

In the first semester the readings are selected from the prose writers and in the second from the poets.

Prerequisites, four years of high school Latin or course 202. One year, three hours a week, six credits. Not offered 1940-1941.

314. Medieval Latin.—

A rapid reading course to develop speed and vocabulary.

Prerequisites as above. Second semester, three hours a week, three credits.

355, 356. Pliny, Tacitus.—

Selections from the letters of Pliny the Younger in the first semester. In the second, the *Agricola* of Tacitus and selections from his other writings.

Prerequisite, one year of Latin in courses numbered 300 or above. One year, two hours a week, four credits.

357, 358. Catullus, Horace-Odes and Epodes.—

Prerequisites as above. One year, two hours a week, four credits. Not offered 1940-1941.

401R. Individual Course.—

Open to advanced students on consent of the instructor.

Either semester, two or three credits.

Teachers' Course.—See Education 458.

Mathematics

PROFESSOR CAMP AND MR. POLANSKY

All students who register for a freshman course in Mathematics are required to take a placement test. They are then advised to select from Courses 101, 103, and 111 the one best suited to their ability as measured by the placement test.

Students preparing to teach Mathematics in high school should include courses 201-202, 303, 304, and Education 459. Those who look forward to graduate study in Mathematics should include Courses 303, 304, 307-308, 401 and 402.

For all students whose major is Mathematics, the Department recommends a supporting first minor in Physics or Chemistry and a second minor in French or German.

101, 102. Elementary Analysis.—MR. CAMP AND MR. POLANSKY

A study of algebra, plane trigonometry, and analytic geometry.

One year, five hours a week, eight credits. Course 102 will count toward a major or a minor if a grade of B or better is attained.

103-104. Elementary Analysis.—

MR. POLANSKY

This course is intended for those who show a marked ability in mathematics as measured by the placement test. The course covers essentially the same material as course 101-102 except that some of the review work in algebra is omitted.

One year, four hours a week, eight credits. Four credits may be applied on a major or minor if a grade of B or better is attained.

111-112. Algebra, Trigonometry.—

MR. CAMP

This course is designed primarily for students who are in the lower fourth of the group taking the placement test in mathematics in the fall. After a thorough review of high school algebra, the course covers the essentials of college algebra and trigonometry and is designed to meet the mathematics prerequisites of a first course in chemistry or physics. Any student who completes the course and wishes to take advanced courses in Mathematics will be required to take Course 102 as a prerequisite to all further work in Mathematics. Not more than eight credits will be allowed for all mathematics work on the freshman level.

One year, four hours a week, six credits. This course does not count toward a major or a minor.

201-202. Calculus.—

MR. POLANSKY

The process of differentiation and integration of algebraic, trigonometric, exponential, and logarithmic functions; applications to geometry and physics; general methods of integration.

Prerequisite, course 102 or 104. One year, four hours a week, eight credits.

303. Solid Analytic Geometry.—

MR. CAMP

Selected topics in plane analytic geometry; coordinate geometry of curves and surfaces in three-dimensional space, with emphasis on straight lines, planes and quadric surfaces.

Prerequisite, course 102 or 104. First semester, four hours a week, four credits. Alternating with course 307. Offered 1940-1941.

304. Theory of Equations.—

MR. CAMP

Complex numbers, numerical equations and their applications, constructions with ruler and compasses, determinants, and symmetric functions.

Prerequisite, course 202. Second semester, four hours a week, four credits. Alternating with course 308. Offered 1940-1941.

306. Mathematics of Investment.—

MR. POLANSKY

Simple and compound interest, annuities, amortization and sinking funds, valuation of bonds, elementary principles of life insurance.

Prerequisite, course 102 or 104. Second semester, three hours a week, three credits. Alternate years. Offered 1940-1941.

307-308. Advanced Calculus.—

MR. CAMP

Partial differentiation with applications to the geometry of space; double and triple integrals, line integrals and Green's theorem, transformation of multiple integrals; differential equations; and introduction to complex numbers and the theory of functions.

Prerequisite, course 202. One year, four hours a week, eight credits. Alternating with courses 303 and 304. Not offered 1940-1941.

401, 402. Seminar in Higher Mathematics.—

MR. CAMP AND MR. POLANSKY

An opportunity is offered for students of merit to study in special fields not covered by the courses listed above. The subject matter will vary from year to year and will probably be chosen from one of the following fields: Theory of Numbers, Actuarial Mathematics, Theory of Functions, Theory of Groups, Differential Geometry. Registration in this seminar will be restricted to students who have completed a major in mathematics with an average of B or better, or students who have completed a minor with the above grade requirements, and have simultaneous registration in one of the regular mathematics courses. This seminar does not count toward the first twenty credits of a major in mathematics.

One year, two hours a week, four credits.

Teacher's Course.—See Education 459.

Music

PROFESSORS JENSEN, FENYVES AND JOHNSON

Music may be chosen as a major or a minor. In a major the maximum number of credits allowed is forty-four and the minimum number required is thirty. A minor requires a minimum of sixteen credits. Students with a major in Music and a minor in History may count Music 203-204 as part of the minor.

Requirements for a Major in Music:

1. **Theory and Literature of Music:**

	Required	Elective
First year . . .	Course 101-102 4 credits Course 103-104 2 credits	
Second year .	Course 201-202 4 credits Course 203-204 6 credits	
Third year . .	Course 301-302 4 credits Course 307-308 4 credits	Course 303-304 4 credits
Fourth year		Course 305-306 4 or 8 credits Course 309-310 2 credits

2. **Applied Music.** In addition to the above a minimum of six credits is required in any one of the following branches elected:

Piano	Violin	Orchestral wind instruments
Organ	Cello	Choral ensemble
Voice		Band ensemble

Composition may be elected in lieu of Applied Music. In such case, eight credits in course 305-306 are required.

Special requirement for a major—Physics 101-102.

Requirements for a Minor in Music:

1. **Theory and Literature of Music:**

First year	Course 101-102 4 credits Course 103-104 2 credits	Second year	Course 203-204 6 credits
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2. **Applied Music.** A minimum of four credits is required in any one of the branches listed under "Applied Music" in the statement of requirements for a major.

Requirements for a Major in Music Education

A major in Music Education may be attained at the close of the senior year, upon completion of the special requirements and courses listed below, in addition to those demanded for a major in Music, with applied concentration in Choral Ensemble and/or Band Ensemble.

(a) Education 201R, 301R, 411R, 475-476, 477-478.

(b) Adequate knowledge of Voice, Piano and Strings, determinable on examination.

Eligibility for the Minnesota Special Certificate in Public School Music is established on the satisfactory completion of the requirements for a major in Music Education above set forth. The holder of this certificate is legally qualified to teach or to supervise the teaching of Music in the elementary and secondary schools within the state and to teach academic subjects for which the candidate has State endorsement.

COURSES OF STUDY

1. THEORY AND LITERATURE OF MUSIC:

- 101-102. Elementary Harmony.**— MR. JENSEN
One year, two hours a week, four credits.
- 103-104. Ear Training.**— MR. JENSEN
Open only to students who are registered for Music 101-102, or who have previously completed this course.
One year, one hour a week, two credits.
- 201-202. Advanced Harmony.**— MR. JENSEN
Prerequisite, course 102. One year, two hours a week, four credits.
- 203-204. History of Music.**— MR. JENSEN
One year, three hours a week, six credits.
- 301. Harmonic Analysis.**— MR. JENSEN
Prerequisite, course 202 or permission of instructor. First semester, two hours a week, two credits.
- 302. Form; Homophonic, Polyphonic.**— MR. JENSEN
Prerequisite, course 301, or permission of instructor. Second semester, two hours a week, two credits.
- 303-304. Counterpoint.**— MR. JENSEN
Prerequisite, course 202, or permission of instructor. One year, two hours a week, four credits.
- 305-306. Composition.**— MR. JENSEN
Prerequisite, courses 302 and 304. One year, two or four hours a week, four or eight credits.
- 307-308. Musical Literature of the Eighteenth and Nineteenth Centuries.**— MR. JENSEN
Prerequisite, course 204. One year, two hours a week, four credits.
- 309. Harmony of the Twentieth Century.**— MR. JENSEN
Prerequisite, course 301. First semester, one hour a week, one credit.
- 310. Musical Literature of the Twentieth Century.**— MR. JENSEN
Prerequisite, course 309. Second semester, one hour a week, one credit.

2. APPLIED MUSIC:

- 105-106. Choral Ensemble.**— MR. JOHNSON
Membership of the class selective and limited. Vocal test required. Subject matter will change from year to year, and the course may be repeated from year to year with credit. Membership of this class constitutes the Macalester Oratorio Choir.
One year, three hours a week, two credits.

107-108. Band Ensemble.—

MR. JOHNSON

Subject matter will change from year to year, and the course may be repeated from year to year with credit. Membership of this class constitutes the Macalester Concert Band.

One year, three hours a week, two credits.

311-312. Orchestral Strings.—

MISS HARRIS

Open only to students electing Public School Music.

One year, one hour a week, no credit.

Individual Instruction.—

Piano	Violin
Organ	Cello
Voice	Orchestral wind instruments

Each, one period a week, one credit a semester.

3. MUSIC EDUCATION:

Teacher's Courses in Public School Music.—

See Education 201R, 301R, 411R, 475-476, 477-478.

For information concerning the **Conservatory of Music** please refer to pages 101-102 of this bulletin.

Note. The College will confer the **Bachelor of Music** degree on any candidate who has met the special requirements prescribed. A statement of these requirements is obtainable from the Music Department upon request.

Philosophy

PROFESSORS BROWN AND NORBERG

A major in this department should include courses 205, 209, 220, 312. A minor should include courses 205, 209, 220 or 312.

205R. Ethics.—

This course includes, so far as time allows, history, ethical theory, psychology of the moral life, discussion of practical problems of our time and philosophical implications.

Prerequisite, twenty-four credits or Psychology 201. Either semester, three hours a week, three credits.

209R. Logic and Scientific Method.—

An elementary course in the principles of thinking. It includes, so far as time permits, the methods of science, recent developments in logic, and exercises in critical thinking.

Either semester, three hours a week, three credits.

220R. Introduction to Philosophy.—

A course intended to introduce the student to the problems of the meaning of the world. It will seek to explain what the chief problems are and help the student in some constructive thinking about them.

Either semester, three hours a week, three credits.

311-312. History of Philosophy.—

The emphasis is placed on the leading thinkers and systems, with their backgrounds and relations to the general progress of thought. The second half of the year's work begins with John Locke. Credit is given for either semester.

Prerequisite, fifty-four credits. One year, three hours a week, six credits.

326. Philosophy of Religion.—

On the nature and philosophic implications of religion, but with particular reference to the Christian view of the world.

Prerequisite, fifty-four credits. Second semester, two hours a week, two credits. Not offered 1940-1941.

331. Philosophy of History.—

A critical analysis and evaluation of the mythological, religious naturalistic, idealistic, totalitarian and the democratic interpretations of history.

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

403, 404. Individual Course.—

The student selects a topic for intensive study under the guidance of the instructor.

Prerequisite, ninety credits and approval of the instructor. One or two credits a semester.

Physics

PROFESSOR HASTINGS

For a major in Physics the following courses are required: Physics 201-202, 301, 302, 352 and 411R; Mathematics 202; Chemistry 101-102. A thesis is required upon graduation in connection with the individual work in course 411R.

For a minor in Physics the following courses are suggested: 201-202, and any one of 301, 302, or 352.

The requirements in Physics for general science teaching and for pre-medical and pre-dental courses are fulfilled by course 201-202. Students in the Department of Music should register for course 101-102. Students preparing to enter a college of engineering should complete courses 201-202, 221, 301, and 302.

101-102. Sound.—

A course designed primarily to meet the requirements of the Department of Music, but open to all students. The purpose of the course is to give a basic training in modern theory of sound and its applications. Students will perform fundamental experiments throughout the course. For students whose major is Music this satisfies the laboratory course requirement for graduation.

One year, three hours a week, six credits.

201-202. General College Physics.—

An introductory survey of the field of physics, consisting of lecture demonstrations, discussions and laboratory practice. Development of analytical reasoning is stressed. All succeeding work in physics is based on this course.

Prerequisite, Mathematics 102 or three units of high school Mathematics. One year, three lecture and recitation, and two two-hour laboratory periods a week, eight credits.

221. Principles of Radio Communication.—

A course intended to give students interested in radio an opportunity to experiment with the fundamental radio circuits. The characteristic curves of vacuum tubes are plotted, tube constants are measured, and fundamental receiving and transmitting circuits are set up and tested. Theory and methods of modulation are emphasized.

Prerequisite, course 102 or 202. First semester, two recitations and two two-hour laboratory periods a week, four credits.

301. Mechanics and Thermodynamics.—

An introduction to analytical mechanics and classical thermodynamics. Attention is given to such subjects in mechanics as statics of rigid bodies and dynamics of particles, and in thermodynamics to the theory of cyclic processes. Some of the subjects covered in laboratory work are motion of projectiles, moment of inertia, viscosity, harmonic motion, specific heats and continuous flow calorimetry.

Prerequisite, course 202 and Mathematics 202. First semester, two recitations and two two-hour laboratory periods a week, four credits.

302. Electricity and Optics.—

An introduction to such subjects as potential theory, electromagnetism, electromagnetic induction, interferometry, diffraction, and radiation. In the laboratory, measurements are made in electricity using various bridge circuits, potentio-

meters, permeameters and current inductors. In optics the interferometer, concave grating spectrometer, and photoelectric cell are among the instruments used.

Prerequisite, course 202 and Mathematics 202. Second semester, two recitations and two two-hour laboratory periods a week, four credits.

352. Atomic Physics.—

A survey of the developments in modern atomic physics which have been so important in recent years. Among the subjects considered are kinetic theory, radiation theory, quantum theory, spectroscopy, x-rays, the periodic system, radioactivity, and relativity.

Prerequisite, course 202. Second semester, four hours a week, four credits.

411R. Advanced Experimental Physics.—

In this course the student is allowed to carry on experimentation in some particular field of his own choosing, subject to the approval of the head of the department. The aim of such a course is to develop an interest in physical research. The course may be repeated with different topics.

Prerequisite, course 301 or 302. Either semester, four hours a week, two credits.

Teachers' Course.—See Education 461.

Political Science

PROFESSOR BOGGS

A major in Political Science consists of at least twenty credits, and must include courses 209-210 and 351-352. A minor consists of twelve credits and must include course 209-210 or 351-352. Majors are also expected to obtain credit for the basic courses in Economics, History, and Sociology.

An inter-departmental major or minor in Economics and Political Science is also offered. Such a combined major consists of twenty-six credits in the two departments, and must include Political Science 209-210, 301 or 351-352, and Economics 231-232, 339 or 376. A combined minor consists of fifteen credits, and must include Political Science 209-210, Economics 231-232, and a 300 course from one of the departments.

209-210. American Government.—

The role of government in American society is studied, with emphasis upon constitutional traditions and their adaptation; the formulation and execution of public policy through legislatures, executives, and courts; and through political parties, elections, and informal pressures; the functions, trends, and problems of government.

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

284. Public Administration.—

The nature of the administrative process in modern government; problems of organization and reorganization; democracy, the expert and the civil service; administrative adjudication.

Prerequisite, course 210. Second semester, three hours a week, three credits. Not offered 1940-1941.

301. Comparative Government.—

A study is made of the major European political systems, with attention to political tactics, the modification of formal organization by governmental custom, the bases of political power, democracy versus dictatorship.

Prerequisite, course 210. First semester, three hours a week, three credits.

351-352. International Politics.—

Analysis of international relations in terms of international institutions and procedures, and national policies and forces. The second semester devotes particular attention to the causes of war and the conditions of peace. Designed to provide the student with tools for understanding the fundamental principles and problems of international phenomena.

Prerequisite, thirty credits and consent of instructor. One year, three hours a week, six credits.

357. Introduction to Political Philosophy.—

Study of the main problems of political values and their implementation, as discussed in the classics of the great political thinkers.

Prerequisite, two courses in Political Science and consent of instructor. First semester, three hours a week, three credits. Not offered 1940-1941.

364. International Law.—

A study of the function of law and organization in the international community, with special emphasis upon the fundamental nature of such law and its relation to the problems of war, peace and neutrality.

Prerequisite, course 352. Second semester, three hours a week, three credits.

452. Seminar in Government.—

Conferences and reports based on independent work in selected fields of Political Science.

Prerequisite, adequate preparation in Political Science and related fields, both as to quantity and quality. Second semester, two hours a week, two credits.

491-492. The Community as a Laboratory.—

Identical with Economics 491-492 and Sociology 491-492. For description see page 53.

Open to seniors of high standing with special requisites. One year, three hours per week, six credits (two credits each to Economics, Political Science and Sociology.)

Courses in other departments of special interest to students of Political Science include: Economics 231-232, 339, 342, 376; History 307, 308, 313; Sociology 203-204, 302, 303.

Psychology

PROFESSORS FRANKLIN AND REPLOGLE

201R. General Psychology.—

A sketch of the principles and applications of normal human psychology. An attempt is made to aid the student to a more intelligent understanding of his own problems, and of human conduct in everyday life.

May be counted toward a major or minor if student's grade is B or better.

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

Psychology 202R. Advanced General Psychology.—

A detailed and thorough study of the present status of modern scientific knowledge of human nature and behavior. An impartial position is assumed with regard to contending views and schools of thought. Textbook, lectures, discussions, collateral reading and experimental work. Required of majors and minors in the department. Strongly suggested for those majoring in allied departments.

Prerequisite, twenty-four credits, including Psychology 201 (with grade of C or better). Either semester, three hours a week, three credits.

305. The Psychology of Childhood.—

A careful study based upon lectures, textbook and observation and report on individual children, with emphasis placed upon heredity and family adjustments, mental and emotional development and guidance toward a wholesome personality.

Prerequisite, course 201. First semester, three hours a week, three credits.

- 306. The Psychology of Adolescence.—** MR. REPLOGLE
Physiological, mental and social phases of the adolescent period, conflicts and typical reactions, the growth of appreciation, motivation, interests, morals and religion. Especially intended for those planning to lead or teach adolescent groups.
Prerequisite, course 201. Second semester, three hours a week, three credits.
- 307. Applied Psychology.—** MR. REPLOGLE
Practical applications of psychology to major fields of human activity, such as law, medicine, education, business and industry, together with its relation to personal efficiency and vocational choice.
Prerequisite, course 201. First semester, three hours a week, three credits.
- 310. Experimental Psychology.—**
An introduction to the experimental method and the statistical treatment of data in the field of psychology, with more detailed study of certain principles arising in General Psychology, such as reflex action, sensation, perception, association, learning, and attention.
Prerequisite, course 201 and consent of instructor. Second semester, one lecture and two laboratory periods a week, three credits.
- 313. Personality and Mental Hygiene.—**
A study of personality development and adjustment with reference to case materials, especially biographical studies. Introductory consideration of personality measurement and mental hygiene.
Prerequisite, fifty-four credits, including six in Psychology. First semester, three hours a week, three credits.
- 314. Abnormal Psychology.—**
An inquiry into the origin and development of abnormal behavior; relation of normal to abnormal behavior; the psychopathology of normal life; disorders of sensation, perception, association, memory and emotion; hysteria, suggestion and hypnosis, dreams, compensatory disorders; effect upon total personality; possible approaches to adjustment.
Prerequisite, fifty-four credits, including courses 201 and 313. Second semester, three hours a week, three credits.
- 401, 402. Individual Course.—**
First semester: A study of the growth of modern psychology, contemporary schools and workers in the field, for seniors with a major in the department, planning further study.

Second semester: A study of special problems, for students desiring to continue investigations begun in the regular courses or to carry on individual research in the field of their vocational choice.

Prerequisite, ninety credits and consent of the instructor. Two hours a week, two credits a semester.

Other courses for which credit is given in this department are: Education 201 and Religion 336. Not more than two of these courses may be counted toward a major in Psychology and not more than one of them toward a minor.

Religion

PROFESSORS KAGIN, McLEAN, CLARK AND COLEMAN

The work of the department is divided into four sections as follows: A, English Bible; B, History and Philosophy of Christianity; C, the Church at Work; and D, Creative Religious Living.

Required Courses: The college expects all candidates for graduation to have a knowledge of the English Bible and various aspects of religious life and thought. Eight credits are required for graduation. Six credits must be earned from courses offered in Section A and a minimum of two credits from the other sections of the department.

Minor: The purpose of the minor is to equip the student for lay leadership in the Christian Church. Twelve credits must be earned in addition to courses 103 and 105. Eight of these credits should be earned in courses offered in sections B, C, and D, and must include 342.

Major: The department makes provision for those who wish to make an intensive study of religion. Students should consult members of the department early in their college course for guidance in the selection of studies. In general, majors are of two types as follows:

A Pre-Theological Major which consists of twenty credits in addition to 103 and 105. It should include courses 201, 208 or 313, 336, and 341. Supporting courses required are Greek 101-102, 203-204, Sociology 201, Philosophy 220 and 326.

A Pre-Religious Education Major which consists of twenty credits in addition to 103 and 105. It should include courses 201, 208, 213 or 314, 341 and 342. Supporting courses required in other fields are Education 201, Sociology 201, Psychology 305 and 306.

A. English Bible

103. Old Testament History.— MR. KAGIN

This study is a biographical approach to the social, political, and religious history of the Hebrews. Important ideas and events are associated with outstanding personalities.

First semester, two hours a week, two credits.

105R. The Jesus of History.— MR. KAGIN AND MR. MCLEAN

This is a short course in the life of Jesus. It begins with a survey of the social, political, moral and religious conditions which Jesus faced and proceeds with a careful study of the major events in his life and his outstanding teachings.

Either semester, two hours a week, two credits.

201R. The Apostolic Church. MR. KAGIN

This study traces the spread of the Christian church from Jerusalem as a center through Palestine, Syria, Asia Minor, Greece and Rome. The Acts and letters of Peter, John and Paul are used as source material.

Prerequisite, 105R. Either semester, two hours a week, two credits.

208. The Prophets of Israel.— MR. KAGIN

A careful study of the historical, religious and social background of the prophets, in relation to their own and surrounding nations. Emphasis is laid upon their ethical and religious messages and their permanent contribution to world thought.

Prerequisite, course 103. Second semester, two hours a week, two credits.

211-212. The Literary Study of the Bible.—

MR. CLARK AND MR. COLEMAN

A study of the various types of literature in the Bible.

First semester: History, Story, Wisdom Literature.

Second semester: Prophecy, Proverbs, and Psalms of the Old Testament, Poetry, Paradoxes, and Parables of the New Testament.

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

B. History and Philosophy of Christianity

111-112. Our Christian Heritage (The Humanities).—

MR. MCLEAN

This course is offered in cooperation with other departments in the Humanities. It aims to trace religious concepts and institutions. (See English department for description of the course.)

One year, two credits in Religion.

- 305. The Christian Church.—** MR. KAGIN
 This course traces the development of the Christian Church from the days of the Apostles to the present time. It studies in detail the different forms of Christianity found in America with the aim of developing an understanding and appreciation of their contribution to Christian thought and life.
 First semester, three hours a week, three credits.
- 306. World Christianity.—** MR. KAGIN
 A survey course outlining the spread of Christianity throughout the world. Special attention is given to the leaders of the missionary movement and to current moral and religious problems in the non-christian nations.
 Second semester, two or three hours a week, two or three credits.
- 311. The Christian Philosophy of Life.—** MR. KAGIN
 This course aims to help the student re-examine his religious beliefs and clarify them in the light of present day knowledge. Such problems as science and religion, belief in God, the nature of man, sin, revelation, redemption, the church, and life after death are studied in detail.
 First semester, two hours a week, two credits.
- 312. The Religions of the World.—** MR. KAGIN
 A study of the great religious system of the world including Hinduism, Jainism, Buddhism, Zoroastrianism, Confucianism, Taoism, Shintoism, Mohammedanism, Sikhism, Judaism and Christianity. An attempt is made to point out the strong and weak features of each of these religions in the light of the teachings of Christianity.
 Prerequisite, fifty-four credits. Second semester, two hours a week, two credits.
- 336. Psychology of Religious Experience.—** MR. MCLEAN
 A study of the following phases of religious experience will be taken up from the psychological point of view: analysis of religious experience, its relation to general psychology; racial roots, the personal factor, and the origin and development of religious experience; sin, conversion, conduct control, belief in God, worship, prayer, inspiration and belief in life after death.
 Prerequisite, fifty-four credits, including Psychology 201. Second semester, three hours a week, three credits.

C. The Christian Church at Work**313, 314. The Principles of Christian Social Action.—**

MR. MCLEAN

A study of the principles that underlie the attempt of Christianity to translate its teachings into effective means of social control. Special attention is given to contemporary social and religious movements.

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

341. Introduction to Religious Education.— MR. MCLEAN

The purpose of this study is to introduce the student to the general field of religious education. A rapid survey is made of the history, underlying philosophy, aims, methods, content, curricula materials, agencies, organizations, problems and opportunities of the religious education movement.

Prerequisite, fifty-four credits. First semester, two or three hours a week, two or three credits.

342. The Program of Religious Education.— MR. KAGIN

A study of the organization and program of religious agencies. Consideration is given to survey techniques, principles of program building, selection of materials, training of leadership, and tests and measurements. This course is to prepare students for volunteer religious leadership in the community.

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

343. Religious Education and the Adolescent.—MR. MCLEAN

This course deals with the history, problems and methods of work with young people of high school and college age.

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

D. Creative Religious Living**321. Creative Lives in Literature.—**

MR. CLARK

A study will be made of some of the world's literary masterpieces, such as Job, Odyssey, Agamemnon, Oedipus, Divine Comedy, Faust, Tempest, and Tragedy of Man. The course will include a study of the way the chief problems of life were met and mastered by heroic figures in the literature of every age.

First semester, three hours a week, three credits.

322. Creative Lives in History.—

MR. CLARK

A report by students will be made of the lives of Lincoln, Pasteur, Madame Curie, Gandhi, Kagawa, Muriel Lester, George Washington Carver, and other creative persons of the past and present.

The fundamental laws underlying creative living will be carefully studied.

Second semester, three hours a week, three credits.

401, 402. Individual Course.—

Properly qualified students may pursue a subject of special interest under the guidance of the instructor within whose field the subject lies. Opportunity is given for extended research and a written report is required.

First or second semester or one year, two or four credits. Open only to seniors whose major is Religion, except by special permission.

Other courses for which credit is given in this department are Philosophy 205R and Philosophy 326. Credits earned in one of these two courses may be applied toward a major in Religion. They do not count toward a minor or toward the eight credits in Religion required for graduation.

Sociology

PROFESSORS CORNELL AND KOONTZ

A major consists of twenty credits including courses 203-204, 302, 303 and 308. Twelve credits are required for a minor including courses 203-204 and 302. Economics 240 and Psychology 313 may be offered for credit toward a major in this department. Course 201 does not count toward a major or minor.

For students contemplating Social Work the following courses, in addition to a major in Sociology, are basic requirements: Economics 232, Political Science 210, Psychology 314. Recommended additional courses are: Biology 204 or 303, Economics 339, Education 201R, Psychology 305, 306, Speech 442 and Physical Education 303-304.

201R. Survey of Sociology.—

MR. CORNELL

This course aims to give the student who plans no further work in the department broad sociological perspective and insight. It carries no credit toward a major or minor.

Prerequisite, twenty-four credits or consent of instructor. Either semester, three hours a week, three credits.

- 203-204. Principles of Sociology.**— MR. CORNELL
 The development of culture and social becoming; a consideration of the role of personality, population, social institutions, interactional processes and the problems and means of social control. Particular attention will be devoted to the concepts of Social Psychology; human nature, prejudice, fashion, crowd behavior, leadership, propaganda and public opinion.
 Prerequisite, twenty-four credits. One year, three hours a week, six credits.
- 302R. Social Pathology.**— MRS. KOONTZ
 A consideration of some of the major problems of personal and social maladjustment and disorganization, including the pathology of the individual, domestic and economic relations, and social organization. Causes, processes, effects, and scientific control.
 Prerequisite, course 201 or 204. Either semester, three hours a week, three credits.
- 303. Criminology.**— MR. CORNELL
 Crime in historical perspective and as a phase of the cultural situation; the significance of the shift from primary to secondary group life for criminal behavior; the possibility of social inventions and new controls in the light of scientifically determined causative factors. Juvenile delinquency and penological problems are considered, with appropriate field trips.
 Prerequisite, course 201 or 204. First semester, three hours a week, three credits. Not offered 1940-1941.
- 308. The Family and Marriage.**— MR. CORNELL
 The origins, development, and functions of marriage and family life; modern social and economic changes and family disorganization; American marriage and family relationships; theoretical and personal problems.
 Prerequisite, course 201 or 204. Second semester, three hours a week, three credits.
- 309. The Rural Community.**— MR. CORNELL
 The study of rural society: Its organization and relations; its people, the rural personality; rural social institutions; rural-urban relations; the future of rural culture.
 Prerequisite, course 201 or 204. First semester, three hours a week, three credits.
- 351. Elements of Group Work.**— MRS. KOONTZ
 A non-technical course for those students interested in group leadership including a study of the basic principles and objectives of group work, of the functions of the group leader, types

of leadership, structure and function of group work agencies, program building, uses and types of group records. Consideration is also given to the place of group work in relation to the fields of education, social work, recreation, camping and community organization. Concurrent practice as a leader of a group is required.

Prerequisite, fifty-four credits, including course 201 or 204. First semester, three hours per week, three credits.

352. Field of Social Work.—

MRS. KOONTZ

An orientation course presenting a general view of the field of social work, and including a field survey of the existing social agencies in Minnesota with particular reference to Ramsey and Hennepin counties. Designed not only for the pre-professional student in social work, but for students in the fields of education, religion, and other allied professional fields in which a knowledge of the social resources of a community is an asset. Field trips supplement class lectures.

Prerequisite, course 302R and foundation courses. Second semester, class and field work, three credits.

401R. Individual Course.—

MR. CORNELL AND MRS. KOONTZ

Open, with consent of instructor, to seniors of high rank whose major is Sociology.

Either semester, two credits.

491-492. The Community as a Laboratory.—

STAFF

Identical with Economics and Political Science 491-492.

For description see page 53.

Open to seniors of high standing, with special prerequisites. One year, three hours a week, six credits (two credits each to Economics, Political Science and Sociology).

Teachers' Course.—See Education 462.

Spanish

PROFESSOR HARRISON

Course 101-102 is not counted toward a major or minor.

101-102. Elementary Spanish.—

Pronunciation, the essentials of grammar, elementary conversation and reading.

One year, five hours a week, eight credits.

201-202. Intermediate Spanish.—

Rapid review of grammar, conversation and composition and readings from Spanish Literature.

One year, four hours a week, eight credits.

301, 302. Survey of Spanish Literature.—

A study of Spanish literature from the Poema del Cid to modern times, with special emphasis on the Golden Age. Lectures, reading of representative works and reports.

One year, three hours a week, six credits.

303. Modern Spanish Drama.—

A study of the drama from Moratin through Galdos, with special emphasis upon the Romantic Movement.

First semester, three hours a week, three credits. Not offered 1940-1941.

304. The Modern Spanish Novel.—

Mainly a study of the Novel of the 19th century.

Second semester, three hours a week, three credits. Not offered 1940-1941.

315, 316. Phonetics and Conversation.—

A scientific study of pronunciation and oral expression. Intensive drill in pronunciation with individual use of the phonograph for corrective purposes. The second semester is devoted primarily to conversation and oral reports.

Prerequisite, course 202. One year, two hours a week, four credits.

405R. Individual Course.—

By special arrangement with the department advanced students may undertake individual projects in subjects not regularly offered. Hours and credits to be arranged.

Teachers' Course.—See Education 454.

Speech

PROFESSORS WHITRIDGE, OWEN, CLARK, KETCHUM, MRS. DOUGLAS
AND MR. LEVANDER

The aim of this department is to help the student find himself and then adjust himself to social environment through speech and dramatic art; to correct voice faults, stimulate self expression and develop mental acumen.

To further these aims opportunity is given students in the department to develop social consciousness through monthly formal receptions at which programs are presented including plays, reading, extemporaneous speaking, formal and informal discussions.

A major in Speech shall consist of 20 credits in Interpretation and Dramatic Art, 3 credits of which may be taken in Course 302. A minor shall consist of 12 credits selected from courses in Interpretation and Dramatic Art.

Course 141-142 is not counted toward a major or minor.

English 386 is required as a supporting course for a major in Speech.

141-142. Fundamentals.—

MISS OWEN

Fundamental principles underlying speech and interpretation. Origin and development of speech. Speech mechanics. Psychology of speech as related to social behavior and mental hygiene. Speeches: principles, types, kinds. Emphasis on breath control, diction, contact, poise and platform work that speech may become a habit skill.

One year, three hours a week, six credits.

A. Debate and Oratory

211. Argumentation and Debate.—

MR. LEVANDER

Intensive study is made of the principles of argumentation. Practical applications illustrating these principles are stressed. Analysis, elementary logic, briefing, arrangement, and developing the argument are given thorough consideration. Effective presentation is emphasized but clear thinking is made the dominant element.

Prerequisite, course 142. First semester, three hours a week, three credits.

212. Argumentation and Debate.—

MR. LEVANDER

This is a continuation of course 211 with special emphasis on the application to actual speeches of the principles learned the first semester. Applied logic, skill in intercollegiate debating and persuasion are made a substantial part of the course. Recommended especially for pre-law students and intercollegiate debaters.

Prerequisite, course 211. Second semester, three hours a week, three credits.

302. Extempore Speaking.—

MR. CLARK

This course is devoted to a study of the gathering of material and its organization, speech construction and delivery. The student is required to gather material and outline speeches on a variety of subjects. The purpose of the course is to give the student a fund of topics upon which he can speak and a knowledge of how to present them effectively so that the necessity of his speaking entirely impromptu will be minimized.

Prerequisite, course 142. Second semester, three hours a week, three credits.

305-306. Forms of Public Address.—

A study of advanced principles of speech, composition and delivery. The psychology of the audience. The occasional address. Forensic and political oratory.

Prerequisite, course 141-142. One year, three hours a week, six credits.

B. Interpretation and Dramatic Art**241-242. Interpretation.—**

MISS WHITRIDGE

Technique of interpretation. Literature studied with reference to physical and vocal interpretation. Reading. Analysis of emotions. Pantomime, improvisation. Adaptation of the poem, the short story and the play for platform use. Students in this course have opportunity for practical experience.

Prerequisite, course 142. One year, two hours a week, four credits.

251, 252. Choral Reading.—

MISS OWEN

Analysis and interpretation of literature for group reading and program presentation.

Prerequisite, course 141-142. One year, two hours a week, one credit.

342. Religious Drama.—

MISS WHITRIDGE

The study of religious drama including Biblical drama with reference to the development and discipline of the creative, imaginative and emotional life of the student. Principles underlying religious drama and the technique of presentation in churches and guild halls.

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

343-344. Shakespeare, Modern Drama and Prose.—

MISS WHITRIDGE

Analysis and presentation, choice, abridgment and adaptation of selections for public reading.

Prerequisite, course 142. One year, two hours a week, four credits.

346. History of the Theater.—

MISS OWEN

History of the drama and the theater from the ritualistic dances to the modern stage production.

Second semester, two hours a week, two credits.

347. Radio Appreciation.—

MISS OWEN

Designed for those who wish to acquire an understanding of the speech technique of radio production. Script writing, program building and laboratory demonstrations. Alternates with courses 245 and 346.

Prerequisite, course 141-142 and fifty-four credits. First semester, three hours a week, three credits.

441-442. Theory and Practice of Acting.— MISS WHITRIDGE

Make-up, stage equipment, organization, management. Making of stage models, building, painting and lighting scenery. Students in this course are required to participate in productions and coach one play for public production.

Prerequisites, course 142 and English 386. One year, three hours a week, six credits.

443. Individual Course.— MISS WHITRIDGE AND MISS OWEN

Open to senior students in Speech and Interpretation who wish to do advanced work not offered in regular courses.

One credit.

Teachers' Course.—See Education 451.

Health and Physical Education

PROFESSORS PRIMROSE AND SCHELLBERG

Physical Education is required of all students throughout the first and second years, unless excused through physical disability. A physical examination is required annually. At the time of registration, appointments for this service are assigned and these take precedence over class work until they are completed.

An effort is made to classify students according to previous physical education experience, physical ability and aptitude and physical fitness.

Men

MR. PRIMROSE, Director

Inter-collegiate teams are maintained in football, basketball, track and field, baseball, swimming, ice hockey, golf and tennis. Credit for gymnasium attendance is given regular members of the squads who are selected by the coach. These members are not required to take gymnasium work in basic required courses while on the squad, but must return to the Physical Education classes after the completion of a sport season.

Special effort is made to interest all men in athletic contests, who are not on the inter-collegiate squads. Regular intra-mural schedules are formed each year for teams in basketball, volleyball, handball, and kittenball. Inter-class games are held in swimming, hockey, handball, tennis, golf, track and field, basketball and volleyball.

101-102. Elementary Physical Education.— MR. PRIMROSE

Correct posture in standing, sitting, walking, marching, tactics, calisthenics. Beginning light and heavy apparatus work. Boxing, wrestling and swimming. When the weather permits, out-of-door mass games as well as a variety of competitive games may be substituted for the indoor work.

Required of freshmen. One year, two hours a week, two points.

201A-202A. Intermediate Physical Education.—MR. PRIMROSE

This course includes the theory and practice in athletic and gymnastic types of physical education: calisthenics, tumbling, marching, boxing and wrestling.

One year, two hours a week, two points.

201B, 202B. Elementary Swimming.—

This course aims to enable the student to swim well enough to meet emergencies.

One year, two hours a week, two points.

201C, 202C. Advanced Swimming.— MR. PRIMROSE

The student is required to be able to use efficiently the crawl stroke, back stroke, side stroke, and breast stroke. Instruction is given in diving and life saving methods.

One year, two hours a week, two points. (Sophomore men are required to take one course numbered 201-202.)

Women

MISS SCHELLBERG, Director

The department has as its aims the development of student appreciation and interest in physical health. The program considers the need of the individual and makes contributions to the student for worthwhile use of leisure time, both in and after college. Toward this end a wide variety of activities is offered.

Work in this department must be taken for four consecutive semesters in the first two years. The curriculum includes both theoretical and practical approach to content. Students are required to provide themselves with suits and other equipment in accordance with uniform standards of the department.

101-102. General Physical Education.— MISS SCHELLBERG

Introductory course in seasonal team and individual sports and the modern dance.

Required of freshmen. One year, two hours a week, two points.

201, 202 is the course number for required work for the second year. Here, the student, classified by previous rating in 101-102 is, with the permission of the instructor, allowed choice in registration in the following courses:

- 201A, 202A. Team Sports.—** MISS SCHELLBERG
 Instruction in seasonal team sports: hockey, basketball, volleyball and baseball.
 One year, two hours a week, two points.
- 201B, 202B. Individual Sports.—** MISS SCHELLBERG
 Instruction in seasonal individual sports: archery, badminton, and tennis.
 One year, two hours a week, two points.
- 201C. The Modern Dance.—** MISS SCHELLBERG
 Theory and practice of fundamental body movements and elements of the modern dance. Body coordination, rhythmic response, interpretation of music and emotions through movement.
 First semester, two hours a week, one point.
- 201D, 202D. Elementary Swimming.—** MISS SCHELLBERG
 For beginners and intermediates in swimming.
 One year, two hours a week, two points.
- 201E, 202E. Advanced Swimming.—** MISS SCHELLBERG
 Instruction in life saving, form swimming, and springboard diving.
 One year, two hours a week, two points.

Men and Women Credit Courses

The following courses are offered for students who wish a minor in Physical Education. Those expecting to teach should complete all courses listed below. Graduation credit in courses other than 103R will be allowed only to those students who thereby complete a minor in Physical Education and who have at least a minor in Education. Students who have completed or who are taking Sociology 351 may receive credit in course 303-304.

Prerequisite for all the following courses, except Physical Education 103R, is Physical Education 101-102.

103R. Personal Hygiene.—MISS SCHELLBERG AND MR. PRIMROSE

A series of lectures and assigned reading designed to help students direct their activities in accordance with modern health standards. This course includes class discussion of the essentials of human anatomy and physiology with practical applications of hygienic principles to individual needs.

Required of freshmen. One semester, one hour a week, one credit.

203-204. Gymnastics and Self Testing Activities.—

MISS SCHELLBERG

This course may be substituted for any of the required sophomore courses by those taking a minor in physical education. It includes tumbling, stunts, gymnastics, posture and remedial physical education.

Open to women. Prerequisite, course 101-102. One year, two hours a week, two credits.

203-204. Gymnastics, Self Testing, and Body Building Activities.—

MR. PRIMROSE

This course includes self testing activities such as tumbling, stunts, gymnastics on standard apparatus, athletic gymnastic type of exercise and remedial-corrective physical education. This course may be substituted for any of the required sophomore courses by those taking a minor in physical education.

Open to men. Prerequisite, course 101-102. One year, two hours a week, two credits.

303-304. Individual and Dual Sports, Rhythms and Recreational Activities.— MISS SCHELLBERG AND MR. PRIMROSE

This course includes elementary rhythms, dual sports such as tennis, golf, badminton, archery, handball, and other recreational games for all ages and occasions.

Open to men and women. Prerequisite, course 101-102. One year, three hours a week, three credits.

305. Health Education and First Aid.— MR. PRIMROSE

The content of this course will consist of methods, principles and materials of health education, first aid and safety.

Open to men and women. Prerequisite, course 103R. First semester, three hours a week, three credits.

310. Introductory Principles of Physical Education.—

MR. PRIMROSE

This course includes the basic principles, philosophy, aims and objectives of Physical Education. The latest trends in the field including recreational and co-educational activities are covered.

Open to men and women. Second semester, two hours a week, two credits.

- 313. Theory of Team Sports.—** MISS SCHELLBERG
 The major team sports for women studied from the theoretical approach; rules strategy, fundamentals of offense and defense, coaching technique and officiating.
 Open to women. Prerequisite, course 101-102. First semester, four hours a week, two credits.
- 314. Folk Dancing and Rhythmic Activities.—** MISS SCHELLBERG
 This course presents material primarily for those teaching in the elementary and secondary school. Consideration is given to the methods of organizing and teaching the activities.
 Open to women. Prerequisite, course 101-102. Second semester, two hours a week, one credit.
- 315-316. Theory of Sports.—** MR. OLSON
 The major and minor sports (such as football, basketball, baseball, track and field, hockey, 6-man football, touch football), strategy of games, scouting, psychology of coaching, study of rules and officiating are covered. The student is required to help coach and officiate in freshmen inter-class and intramural games.
 Open to men. Prerequisite, course 101-102. One year, two hours a week, four credits.
- 406. Organization and Administration of Physical Education.—** MISS SCHELLBERG
 Included in this course are scheduling, programming, class organization, facilities, publicity, play days, demonstrations, records, and other administrative responsibilities carried on in a high school physical education department.
 Open to senior men and women. Second semester, two hours a week, two credits.

Macalester College Conservatory of Music

Faculty

CARL A. JENSEN Director, Musical Theory, Organ
GABRIEL FENYVES Piano, Master Classes
HOLLIS JOHNSON Choral and Band Ensemble, Music Education

Instructors

Piano

HARRIET ALLEN	HARRIET SCHAFFNER
RUTH BACH	CLAIR THORALDSON
SADIE GINGOLD HENLY	MYRTLE WEED
DORA SCHAETTGEN	JESSIE YOUNG

Organ

HARRIET ALLEN	JESSIE YOUNG
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Violin

HAROLD AYRES	HELEN HARRIS
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Cello

JAMES MESSEAS

Flute

MARY ROBERTS

Voice

CLEMENTINE GIFFORD	CARL GUGGISBERG
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DOROTHY HAXTON, Secretary

Enrollment

All students who enroll in College courses in the Theory and Literature of Music are required to enter at the beginning of the school year. For a complete listing of Music subjects offered in the Music Department, please refer to pages 77-79 of this Bulletin.

For Presser Foundation Scholarships see page 25.

Students who enroll for individual instruction only, may register at any time during the year.

Macalester College Conservatory maintains a large pre-college department. Students are accepted in this department at any age or stage of advancement, and may enter at any time for individual instruction. Training in Piano is graded, and certificates of attainment are conferred, year by year, on those who pass the prescribed examinations.

Tuition Fees

Elementary class instruction	Year 1, semester.....	\$13.50
Elementary class instruction	Year 2, semester.....	13.50
Elementary individual instruction	lesson.....	1.00
Intermediate class instruction	Year 3, semester.....	18.00
Intermediate class instruction	Year 4, semester.....	22.50
Advanced individual instruction	lesson.....	2.00
Advanced individual instruction	semester.....	30.00

Practice Rental Fees

Piano practice room, one hour daily, semester.....	\$8.00
Chapel organ—	by the hour..... .40
Gymnasium organ—	by the hour..... .25

Degrees Conferred June 12, 1939

BACHELOR OF ARTS

Stephen Bartholmaus Achter <i>summa cum laude</i>	Evelyn Mae Killian <i>cum laude</i>
Arthur Harold Allen	Harriett Elizabeth Koberstein
Ramona Leigh Allen	Edwin Elmer Koepke
Emil Dana Almquist	Clara Ann Kuehn
Isabel Bertha Aufderheide	Richard William Luecke
Mona Margaret Baird	Ruth Virginia Lundrigan
La Reine Chatleain Beavens	John Wilhelm Marben
La Vern Ruby Bjorklund	Stanley Gordon Markusen
Charlotte Miriam Bradley	Dorothy Ann Marron
Phyllis Henrietta Brinks	Dorothy Craik Middlemass
Otto Lorenz Bruss	Pearl Helms Monge
Jean Nellie Carey	Margaret Alice Montgomery
Eugene Thomas Champlin	John Frederick Neander
Mary Champlin	Phyllis Barbara Noltimier
Josephine Frances Cowern	Richard Carl Norberg
Henry Arno Daum	Dorothy Rose Nyquist
Ella Ramona Eastwold <i>cum laude</i>	Robert Harry Olander
Marion Charlotte Ekholm	David Whittlesey Olds <i>cum laude</i>
Richard Le Roy Feinberg	Kaji Onose
Ann Ferre <i>cum laude</i>	Robertta Jane Otis
Elizabeth Jeanice Fields	Harriet Anne Pankhurst
Vernona Theresa Fish	Randall Stewart Pemberton
Charles Laurence Flooding	Willard Everett Peterson <i>cum laude</i>
Robert William Gibbs <i>magna cum laude</i>	Herman Albert Petzold
Donald Burton Graves	Lila Mae Porter
Marjory Hazel Gregory	Lowell Stanton Reeve
Virginia Ethelynn Guild	Hugh Clifton Reichard
James Wallace Hall	Winifred Anne Reichle
Robert Fredric Halladay	Marcus Gordon Stohl
Carl Alfred Halverson, Jr.	Milton William Swanson
Howard Stanley Harris	Stephen Myers Sweetland
Carolyn Wilma Henning	Eleanor Jean Thomas
Howard Homer Holton	Frances Alice Tripp
Evelyn Frances Hoye	Margaret Pauline Turner
Betty Herbst Jahreiss <i>magna cum laude</i>	Shirley Jean Vermilya
Shirley Winifred James	George Cornelius Voorhis
Lillian Elizabeth Johnson <i>cum laude</i>	Margaret Isabelle Wallin
Victor Rudolph Johnson	Ove Mons Wangenstein
Roy Frederick Kern	Eleanor Marion Westen
	Jean Elizabeth Woodward
	Vadis Elizabeth Woolsey
	Dorothy May Woskie
	Robert Paul Wright

Honorary Degrees

Doctor of Music—Albert Cotsworth, Chicago, Ill.

Doctor of Divinity—Rudolph G. Riemann, Crawfordsville, Ind.

Alumni

Alumni Association

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

The Alumni Association of Macalester College has two purposes in view: to bind into a unit the graduate body and help to preserve and increase the value of the friendships formed in college, and to further the interests of Alma Mater. Communications to the Alumni Association should be sent to the college. Contributions and dues may be sent to Mr. Rankin, 484 Selby Avenue, St. Paul, Minnesota.

Officers

Max Karl Schiffmann '29.....	President
Mrs. Helen Hunt-Bell '10.....	Vice-President
Mrs. Alice Flinn-Godfrey '15.....	Secretary
Howard Johnson Rankin '16.....	Treasurer

Regional Groups

Local Alumni groups are active in the following centers: New York City, Chicago, Philadelphia, Cleveland, Los Angeles, Milwaukee, Omaha, Portland, Oregon and Rapid City, South Dakota.

In the State of Minnesota groups are centered in Austin, Brainerd, Duluth, Mankato, Rochester and Virginia.

Roll of Students

Senior Class

Ebba Louise Aberle.....	Wabasha, Minn.
Margaret Baarsch Adams.....	Bird Island, Minn.
Mary Katherine Allen.....	Ellsworth, Ohio
Mary Margery Allen.....	Hysham, Montana
Harlan Garnet Anderson.....	St. Paul, Minn.
Gustave Herman Apitz.....	Henderson, Minn.
Cesar I. Arroyo.....	Humacao, Puerto Rico
Arthur Edwin Bell.....	St. Paul, Minn.
Kenneth Adrian Berg.....	Grand Meadow, Minn.
William James Bergh.....	St. Paul, Minn.
Robert Reid Berglund.....	Warroad, Minn.
Henry James Blom.....	St. Paul, Minn.
Wilbur Allen Boler.....	Anoka, Minn.
Ferris Cobb Booth, Jr.....	White Bear Lake, Minn.
Zona Beryl Brandt.....	Fulda, Minn.
Edgar Carlyle Burseth.....	St. Paul, Minn.
Richard Lincoln Butler.....	Staples, Minn.
Lester William Carlander, Jr.....	Minneapolis, Minn.
Katherine Edith Clark.....	Pyongyang, Korea
Lu Verne Koenig Clark.....	St. Paul, Minn.
Marion Louise Clark.....	St. Paul, Minn.
Archie Myrvin De Lapp.....	Luverne, Minn.
Robert John Dick.....	St. Paul, Minn.
Jean Lynn Eddy.....	Eveleth, Minn.
Florence Amelia Ekberg.....	Cleveland, Ohio
Norman Kenmore Elliott.....	Roslindale, Mass.
Betty Meril Engle.....	St. Paul, Minn.
Ruby Evelyn Erickson.....	Minneapolis, Minn.
Victor Lowrey Erickson.....	Aitkin, Minn.
Helen Fitzmaurice.....	Viking, Alberta, Canada
Robert Nathaniel Gardner.....	St. Paul, Minn.
Julius Theodore Gericke.....	So. St. Paul, Minn.
Freman Walter Gesche.....	Blue Earth, Minn.
Homer Ransom Goins.....	St. Paul, Minn.
Oscar Thaddeus Gustafson.....	St. Paul, Minn.
Alice Ida Haberberg.....	St. Paul, Minn.
La Moine Garfield Harback.....	Rice Lake, Wis.
Shirley Le Roy Held.....	Kenyon, Minn.
Tenho Everett Hermanson.....	Swan River, Minn.
Roswell Philip Ingram, Jr.....	St. Paul, Minn.
Frederick Henry Jacob.....	Lake City, Minn.
Vivian Marie Jacobs.....	Grand Rapids, Minn.
Donald George Henry Jaeckels.....	Winneconne, Wis.
Loren Robert Jestus.....	Howard Lake, Minn.
Richard Ludvig Johansen.....	Edinburg, No. Dak.
Gilbert Edward Johnson.....	St. Paul, Minn.
Howard Kenneth Kaliher.....	Swanville, Minn.

Marion Eloise King	Utica, Minn.
Alfred Shane Kingston	Superior, Wis.
Vivian Althea Kocher	So. St. Paul, Minn.
Frank Joseph Kreysa	Stankov, Czechoslovakia
Irene Mae Krosch	Blue Earth, Minn.
Harold Wakefield Larson	St. Paul, Minn.
Frances Ellen Lathers	Duluth, Minn.
Lewis Edmund Lilyquist	Lisbon, No. Dak.
Sumner Gordon Lind	St. Paul, Minn.
Douglas Martin Lowe	St. Paul, Minn.
Robert Eugene Lund	Cumberland, Wis.
Robert Louis Lund	Winneconne, Wis.
Laura Alice Lundberg	St. Paul, Minn.
Mildred Frances Lunder	Slayton, Minn.
Vernon Walter McCallum	Parkers Prairie, Minn.
Phyllis Ann McFarland	Owatonna, Minn.
Margaret Lee Mark	Mankato, Minn.
Monte Arn Mason	Minneapolis, Minn.
Margaret Elaine Meyer	Fulda, Minn.
Lawrence Myers	Concordia, Kansas
Edward Osborne Nelson	St. Paul, Minn.
Joan Louise Nelson	Worthington, Minn.
Norma Mabel Ness	St. Paul, Minn.
Arvid Alfred Nielsen	Minneapolis, Minn.
Glenn El Rose Oden	St. Paul, Minn.
Ingrid Blanche Olsen	St. Paul, Minn.
Geraldine Anna-Marie Parker	Fairmont, Minn.
Janet Sutherland Perkins	St. Cloud, Minn.
Ralph Hodgdon Pinney	St. Paul, Minn.
Margaret Frances Primrose	St. Paul, Minn.
Henry S. Rahn	St. Paul, Minn.
Dorothy Jean Robbins	St. Paul, Minn.
James George Rogers	St. Paul, Minn.
Robert Walter Sawin	St. Paul, Minn.
Charles Albert Sheldon	Hutchinson, Minn.
Duncan Eliot Slade	Chicago, Ill.
Katherine Evelyn Snyder	St. Paul, Minn.
Ruth Marie Stillwell	Aberdeen, So. Dak.
Mildred May Thom	St. Paul, Minn.
Margaret Jane Tonkin	Duluth, Minn.
June Ina Hope Torrison	Minneapolis, Minn.
Mary Elizabeth Tripp	St. Paul, Minn.
John Fagg Voskuil	Tsingkiang, Fukien, China
Alice Lenore Wall	St. Paul, Minn.
John Arnold Wallace	St. Paul, Minn.
Eleanor Marie Warkentien	St. Paul, Minn.
Edwin Ray Winter	St. Paul, Minn.
Marion Elaine Wooley	St. Paul, Minn.
George Henry Ziegler	Blue Earth, Minn.
Harold Walter Zimmerman	Bismarck, No. Dak.
Inez Ann Zizka	St. Paul, Minn.

Junior Class

John Rupert Alfons.....	Chicago, Ill.
Chester Albert Anderson.....	Buffalo, Minn.
Roy Edeburn Arnold.....	Holdingsford, Minn.
Marion Betty Balcome.....	St. Paul, Minn.
Forbes Wilson Ballentine.....	Minneapolis, Minn.
Stanley Clements Banks.....	Winnebago, Minn.
Donald John Bartle.....	Roosevelt, Minn.
Joan Elizabeth Barton.....	St. Paul, Minn.
Fred Henry Bathke, Jr.....	St. Paul, Minn.
Raymond Adolphe Boyce.....	Cokato, Minn.
James Vernon Brack.....	St. Paul, Minn.
Robert Wilcox Buetzberger.....	Minneapolis, Minn.
Janet Marion Buscho.....	Blue Earth, Minn.
Erlyse Eilene Champine.....	Dunnell, Minn.
Marjorie Marie Clements.....	Gaylord, Minn.
Hubert James Coleman.....	Austin, Minn.
E. Marie Dammann.....	Plato, Minn.
Charles Lawrence Daub.....	Albert Lea, Minn.
Scott Hauxhurst DeLong, Jr.....	Anoka, Minn.
Allen Helmer Dewall.....	St. Paul, Minn.
Mildred Elizabeth Dunkelburger.....	St. Paul, Minn.
Marion Ruth Eichenlaub.....	St. Paul, Minn.
John Arthur Eklund.....	St. Paul, Minn.
Willard Henry Ekstrand.....	Cokato, Minn.
Albert Roger Erickson.....	St. Paul, Minn.
Thomas William Erskine.....	Grand Rapids, Minn.
Frederick Lehrer Ferlein.....	St. Paul, Minn.
Alan William Feron.....	Minneapolis, Minn.
Dorothy Louise Fiddes.....	Jackson, Minn.
Loyal Roy Fields.....	Jasper, Minn.
Evelyn Loraine Forus.....	Minneapolis, Minn.
Kenneth Stuart Fricke.....	Minneapolis, Minn.
Ruth Marion Gallaher.....	St. Paul, Minn.
Ivan Kenneth Gesche.....	Elmore, Minn.
Doris Gertrude Greaves.....	Glencoe, Minn.
Esther May Green.....	Duluth, Minn.
Gene Wells Halverson.....	St. Paul, Minn.
Edward Walter Hamren.....	Wright, Minn.
Phil Hartwell Hanson, Jr.....	St. Paul, Minn.
Charlotte Fairbank Harnish.....	Chatfield, Minn.
Hazel Loretta Harvey.....	Mumford, New York
William Wesley Haverstock, Jr.....	Minneapolis, Minn.
Quentin Frank Havlick.....	So. St. Paul, Minn.
Anita Clarice Hayes.....	Austin, Minn.
Philip Carl Hedenstrom.....	Cambridge, Minn.
Jean Christine Heimark.....	Clarkfield, Minn.
Charles William Heller.....	St. Paul, Minn.
Dwight Spaulding Howe.....	Red Wing, Minn.
Marian Alice Huttner.....	Minneapolis, Minn.

Alden Taro Ikeda	St. Paul, Minn.
Milton Walter Jahn	St. Paul, Minn.
Phyllis Lucille Jeddelloh	New Richland, Minn.
Ruth Elizabeth Johnson	St. Paul, Minn.
Floreine Mae Kelly	Elmore, Minn.
Julia Ann Kennedy	So. St. Paul, Minn.
Ruth Elizabeth King	Albert Lea, Minn.
Dorothy Ida Koch	St. Paul, Minn.
Robert Dale Lange	Hallock, Minn.
Edith Martin Langley	Red Wing, Minn.
Richard Le Roy LeMaster	Indianapolis, Ind.
Audrey Elizabeth Linde	St. Paul, Minn.
Philip Ervin Lindvig	Mora, Minn.
Florence Lucille MacDonald	Minneapolis, Minn.
Jean Catherine McLeod	Litchfield, Minn.
Margaret Jean McRae	St. Paul, Minn.
Dorothy Gwen Matchan	Zumbrota, Minn.
Myron Eugene Meckel	So. St. Paul, Minn.
Arthur Edwin Meisel	St. Paul, Minn.
Richard Amos Micka	Silver Lake, Minn.
Kenneth Sherwood Milne	Minneapolis, Minn.
Theodore Gunter Mitau	St. Paul, Minn.
Janet Mary Mitchell	St. Paul, Minn.
James Thomas Moir	Minneapolis, Minn.
Nancy Janet Nicol	Great Falls, Mont.
Ellen Laura Nightingale	Fairmont, Minn.
Audrey Isabel Olson	Kerkhoven, Minn.
Warren Joseph Panushka	St. Paul, Minn.
Audrey Cleo Parsons	St. Paul, Minn.
John William Perry	St. Paul, Minn.
Helen Irene Phinney	St. Cloud, Minn.
Carleton Leigh Roberts	Minneapolis, Minn.
Jean Ellen Robertson	New Ulm, Minn.
Preston Wiggington Rogers	So. St. Paul, Minn.
Elizabeth Virginia Rose	St. Paul, Minn.
Stanley Dudley Rosenberry	The Pas, Manitoba, Canada
Evelyn Dorothy Sargent	Red Wing, Minn.
Phyllis Edna Schneider	St. Paul, Minn.
Sidney Swen Shogren	No. St. Paul, Minn.
Marion Vivian Smith	St. Paul, Minn.
Dorothy Muriel Snyder	St. Paul, Minn.
Edward Robert Steadman	Minneapolis, Minn.
Margaret Adelia Stearns	St. Paul, Minn.
Rebecca Natalja Stohl	St. Paul, Minn.
Hazel Marie Stolz	Nicollet, Minn.
Donald Nielsen Sundeen	Minneapolis, Minn.
Harriet Carolyn Swanson	Hallock, Minn.
Jean Phyllis Swanson	Hallock, Minn.
Lois Esther-Marie Swanson	St. Paul, Minn.
Helen Clare Swenson	St. Paul, Minn.
Quentin Eugene Tenney	Mora, Minn.

Thomas Blair Thornton.....	St. Paul, Minn.
Le Roy Albert Trumble.....	Montevideo, Minn.
Thomas Raleigh Trutna.....	Silver Lake, Minn.
Lorraine Esther Von Wald.....	Nerstrand, Minn.
George Robert Leeson Waite.....	Marietta, Minn.
Francis Alexander Wallace.....	St. Paul, Minn.
Frederick Harold Walter.....	St. Paul, Minn.
Marjorie Ellen Warner.....	Albert Lea, Minn.
Beverly Carmen Werbes.....	Ottertail, Minn.
Esther Wernick.....	St. Paul, Minn.
Gretchen Ione Whiting.....	Clitherall, Minn.
Carol Elizabeth Will.....	St. Paul, Minn.
Gwenda Inez Williams.....	St. Paul, Minn.
James Rowland Williams.....	Minneapolis, Minn.
Alice Marie Wilson.....	Minneapolis, Minn.
Robert Edward Zarse.....	St. Paul, Minn.

Sophomore Class

Carol Elaine Abel.....	St. Paul, Minn.
Roger Gladstone Allen.....	St. Paul, Minn.
Douglas Crandall Anderson.....	St. Paul, Minn.
Harriet Evelyn Anderson.....	Pierpont, So. Dak.
Lois Marie Anderson.....	St. Paul, Minn.
Norval Le Roy Anderson.....	Hudson, Wis.
Virginia Elizabeth Anderson.....	St. Paul, Minn.
Dean Powers Arnold.....	St. Paul, Minn.
Robert George Aufderheide.....	New Ulm, Minn.
Ruth Hertha Aufderheide.....	New Ulm, Minn.
Marlis Jane Axness.....	St. Paul, Minn.
Eugene Earl Bassett.....	Hinckley, Minn.
John Francis Bell.....	St. Paul, Minn.
Ruth Erika Berlin.....	St. Paul, Minn.
Jeanne Elizabeth Beulke.....	Racine, Wis.
James Raymond Blair.....	Turtle Lake, Wis.
Ervin Frederick Block.....	Nicollet, Minn.
Frances Pauline Bloomfield.....	St. Paul, Minn.
Mary Jean Bowe.....	Albertville, Minn.
James McKenzie Brack.....	St. Paul, Minn.
John Vincent Brenner.....	Wheaton, Minn.
Arvid Robert Brinkman.....	St. Paul, Minn.
Harriet Hunter Brown.....	St. Paul, Minn.
Henrietta Gertrude Brown.....	Fergus Falls, Minn.
Marjorie Bernice Brown.....	St. Paul, Minn.
Lucy Wilson Buck.....	Minneapolis, Minn.
Mary Cynthia Burgess.....	St. Paul, Minn.
Edgar William Burton.....	So. St. Paul, Minn.
Emily Mae Buth.....	Faribault, Minn.
Donald Grayson Cain.....	Minneapolis, Minn.
Francis Louis Callender.....	Alexander, Iowa
Jeanne Eileen Carson.....	St. James, Minn.

William Quincy Chalmers	Calgary, Alberta, Canada
Helen Janet Chamberlain	Olivia, Minn.
Catherine Elva Chassell	Belle Fourche, So. Dak.
Gordon James Clark	Hopkins, Minn.
Harry John Clausen	Minneapolis, Minn.
Dorothy Jean Clement	Minneapolis, Minn.
Frederick Manning Coates	St. Paul, Minn.
George Webster Crim	St. Paul, Minn.
Mavis Anna Crist	Jeffers, Minn.
Mary Phoebe Crum	Spring Valley, Minn.
Lois Mae Culligan	St. Paul, Minn.
Dorothy Arlene Dahl	Minneapolis, Minn.
Barbara W. Dailey	Mankato, Minn.
Gertrude Lorraine Daley	Chisago City, Minn.
Laura May Davidson	Stewartville, Minn.
Robert Eugene Davidson	St. Paul, Minn.
Denise Katherine Davis	Wadena, Minn.
Gertrude Ruth Dearborn	St. Paul, Minn.
Le Roy John Diercks	Goodhue, Minn.
Ruth Elizabeth Eldred	Bismarck, No. Dak.
Robert Elliott, Jr.	Minneapolis, Minn.
Gwendolyn Ferne Elrod	Minneapolis, Minn.
Edward L. Empenger	St. Paul, Minn.
Cecile Blanche Eng	St. Paul, Minn.
Carl Walter Erickson	St. Paul, Minn.
James Kenn Figenshau	So. St. Paul, Minn.
Betty Jane Flad	St. Paul, Minn.
Carl Willard Fogelberg	St. Paul, Minn.
Joy Marilyn Foley	Minneapolis, Minn.
John Robert Freeman	Albert Lea, Minn.
Ardelles M. Frethem	Kenyon, Minn.
Curtis Edwin Fuller	St. Paul, Minn.
Winifred Augusta Gibbs	Big Lake, Minn.
Alice Hammond Godfrey	St. Paul, Minn.
Nathaniel Walter Goins, Jr.	St. Paul, Minn.
Genevieve Fern Etta Gust	Blue Earth, Minn.
Kenneth Webster Haan	St. Paul, Minn.
Harry Alben Hadd	St. Paul, Minn.
Arlene Enid Hanson	Wadena, Minn.
James Cosgrove Harris	Le Sueur, Minn.
Dorothy Marvel Haugen	Minneapolis, Minn.
Vernon George Hedtke	St. Paul, Minn.
Faith Joy Grace Heidinger	St. Paul, Minn.
Edward Le Roy Heimark	Clarkfield, Minn.
Harry William Henning	Toledo, Ohio
Jean Carolyn Holden	Fairmont, Minn.
Dorothy Yvette Holland	Warroad, Minn.
Thomas Wallace Holmes, Jr.	St. Paul, Minn.
Robert Farnsworth Holt	Slayton, Minn.
John Emerson Horner	St. Paul, Minn.
Ronald Mitchell Howard	Minneapolis, Minn.

Roger Aaron Hultgren	Spicer, Minn.
Freed Keith Hunt	Big Lake, Minn.
Shirley Corneille Irwin	White Bear Lake, Minn.
Margaret Inger Jacobs	Willmar, Minn.
Gwendolyn Louise James	St. Paul, Minn.
Charles Wilber Jarvis	Lowry, Minn.
Tyrus Lee Jensen	Fergus Falls, Minn.
Arthur Harold Johnson	Buffalo, Minn.
Bernice Elizabeth Johnson	Red Lake Falls, Minn.
Betty Jane Johnson	St. Paul, Minn.
Donald Worth Johnson	Wolf Point, Mont.
Eleanor Rose Johnson	St. Paul, Minn.
Harold Lee Johnson	St. Paul, Minn.
Kenneth Owen Johnson	St. Paul, Minn.
Mary Alice Johnson	Glen Lake, Minn.
Evelyn Caroline Jorgenson	St. Paul, Minn.
George Peter Katz	St. Paul, Minn.
Irvin Herman Kaun	Swanville, Minn.
Norman Lowell Kaye	St. Paul, Minn.
Margaret Keeley	St. Paul, Minn.
Ruth Eileen Kiester	St. Paul, Minn.
Marilyn Kelly	Owatonna, Minn.
Robert Lee King	Albert Lea, Minn.
Alex Kiresuk	St. Paul, Minn.
Charles Koenigsberger	Mankato, Minn.
Russell Joseph Kotval	Vesta, Minn.
Margaret Nina Krosch	Blue Earth, Minn.
Lloyd Wadell Larson	St. Paul, Minn.
Virginia Leach	St. Paul, Minn.
Gordon Gilbert Lindholm	St. Paul, Minn.
Charles Heberle Ludwig	St. Louis Park, Minn.
Ernie George Lustmann	Glencoe, Minn.
James Scott McGee	St. Paul, Minn.
Norman Spencer MacLean	Barranquilla, Colombia, So. Amer.
Harriet Jean McPhetres	Stillwater, Minn.
Margaret Jean Mack	Forsyth, Mont.
Betty Jane Madsen	St. Paul, Minn.
Elise Marie Mahlum	Dawson, Minn.
Virgil Ivor Mann	McFarland, Wis.
Carter Jordan Markus	St. Paul, Minn.
William Richard Marvin	St. Paul, Minn.
Marian May Maxwell	Minneapolis, Minn.
Francis Bruce Meserve	St. Paul, Minn.
Harry Clarence Meyer	No. St. Paul, Minn.
Carolyn Claudia Middents	Lowry, Minn.
Paul Lloyd Miller	Jasper, Minn.
Dorothy Dorrance Mitchell	St. Paul, Minn.
Jean Cole Mitchell	St. Paul, Minn.
Mildred Leonora Monson	St. Paul, Minn.
Dorothy Annette Muir	Minneapolis, Minn.
Ruth Elizabeth Nelson	Minneapolis, Minn.

Janet Adair Nicholson	Minneapolis, Minn.
Eileen Virginia Ethel Noiske	Minneapolis, Minn.
Rhoda Jeanne Norberg	St. Paul, Minn.
Howard Elvin Norgaard	St. Paul, Minn.
Grace Carol Norum	St. Paul, Minn.
Thomas Joyce Noyes	Tower, Minn.
Dorothy Alice Ostergren	St. Paul, Minn.
Collin Edson Ostrander	Albert Lea, Minn.
Marion Grace Oswald	New Ulm, Minn.
Jack Patnode	International Falls, Minn.
Burton Eugene Paulsen	Minneapolis, Minn.
June Marie Pearson	St. Paul, Minn.
Norma Madelyn Petersen	Springfield, Minn.
Clarke Stanton Peterson	St. Paul, Minn.
Delmar Eugene Peterson	Canby, Minn.
Faye Nadine Peterson	Crosby, Minn.
June Christine Peterson	Vesta, Minn.
Roger William Peterson	St. Paul, Minn.
Richard Homer Posz	Glencoe, Minn.
James Arthur Rafferty	St. Paul, Minn.
Robert Bartlett Ramsey	St. Paul, Minn.
Doris Elizabeth Richards	Benson, Minn.
William Millard Ripley	St. Paul, Minn.
Alice Jane Robertson	Jackson, Minn.
Perry Justin Robinson	Crystal Springs, No. Dak.
Robert Cole Robinson	Amboy, Minn.
Roger Adolf Rohrbacher	St. Paul, Minn.
Ellen Marie Rowley	St. Paul, Minn.
Carlyle Stanley Rude	St. Paul, Minn.
Alan Paul Rusterholz	St. Paul, Minn.
Wayne Albert Sater	Minneapolis, Minn.
John Joseph Schmauss	Lake City, Minn.
Floyd Curtis Schraan	Buffalo Lake, Minn.
Freeman Clifford Schroder	St. Paul, Minn.
Mary Jane Schroeder	Stillwater, Minn.
Howard James Schuft	McGregor, Minn.
Suzanne Barbara Sherk	Cloquet, Minn.
Elizabeth Jane Silver	Marshall, Minn.
Jessie Marie Simpson	McGregor, Minn.
John Connell Skiff	St. Paul, Minn.
Elaine Melia May Smythe	Fergus Falls, Minn.
Virginia Helene Snyder	Minneapolis, Minn.
Le Roy Alton Stager	Clara City, Minn.
Chester Laverne Stewart	St. Paul, Minn.
Delvin Douglas Stockdill	Winnebago, Minn.
Carol Mae Strane	St. Paul, Minn.
Robert Oscar Strauch	St. Paul, Minn.
Robert Elmer Strom	McGregor, Minn.
Hal Frederick Susie	Kenyon, Minn.
Irma Corinne Swanson	Blackberry, Minn.
Cordelia Faith Swinborne	St. Paul, Minn.

Vivian Myrtle Vassar	St. Paul, Minn.
Rodney Lowell Warner	Rockford, Ill.
Harold Asbury Watkins	Carlton, Minn.
William Henry A. Watson	St. Paul, Minn.
Everett Vernon White	Austin, Minn.
Warren Henry Wille	St. Paul, Minn.
Don Stuart Williams	St. Paul, Minn.
Grace Wittenberger	St. Paul, Minn.
James Henry Wood	Minneapolis, Minn.
Ann Dingle Woodward	St. Paul Park, Minn.
Mildred Louise Wright	Minneapolis, Minn.
Helen Lillian Yngve	Cambridge, Minn.

Freshman Class

Vinette Esther Ahlstrom	St. Paul, Minn.
Ray Warren Alcox	Chisholm, Minn.
Betty Ella Alexander	St. Paul, Minn.
William Blackwood Alexander	Chokio, Minn.
Richard Wayne Alm	St. Paul, Minn.
Donald LaVerne Anderson	Ortonville, Minn.
Eileen Dorothy Anderson	St. Paul, Minn.
Exine Margaret Anderson	Marshall, Minn.
Marjorie Eunice Anderson	Minneapolis, Minn.
Marjorie Lois Parish Anderson	St. Paul, Minn.
Phillip Algot Anderson	Minneapolis, Minn.
Theodore Winfred Anderson	Parkers Prairie, Minn.
Elizabeth Abigail Andrews	New Ulm, Minn.
Darell Frederick Apitz	Amboy, Minn.
John Finch Arneson	Minneapolis, Minn.
Robert Donald Atkins	St. Paul, Minn.
Theodore Erik Bache-Wiig	Minneapolis, Minn.
Ruth Evelyn Baran	St. Paul, Minn.
Edwin Blois Barrett	Browns Valley, Minn.
Osborne Becklund	Forest Lake, Minn.
Charles Lewis Bergh	St. Paul, Minn.
Mary Ella Bergsman	Granite Falls, Minn.
Laverne Charlotte Billman	Minneapolis, Minn.
Violet Marie Bjornberg	St. Paul, Minn.
Roger Kellogg Blakely	Barnum, Minn.
Joel Bloomfield	St. Paul, Minn.
Ruth Signey Boler	Anoka, Minn.
Thomas Carl Bonne	St. Paul, Minn.
Donald Earl Boynton	Minneapolis, Minn.
Kate Anthony Bradley	Duluth, Minn.
William Fred Brandt	Minneapolis, Minn.
Johanna Marian Bratush	Eveleth, Minn.
James MacRae Brunton	St. Paul, Minn.
John Edward Bryan	Red Wing, Minn.
Eli Clinton Bump	St. Paul, Minn.
Charles Daurity Cannons	St. Paul, Minn.

Beth Marie Carlander	Minneapolis, Minn.
Donald Earl Carlsen	St. Paul, Minn.
Alice Lorraine Carver	Kenmore, New York
Leonard Wilbur Christensen	Minneapolis, Minn.
Jean Elizabeth Christopherson	St. Paul, Minn.
Betty Lillian Clark	Marshfield, Wis.
Edward Maurice Clark, Jr.	Kobe, Japan
John Alexander Clark	Kobe, Japan
Keith Robert Clements	Bayport, Minn.
Ralph Joseph Colaizy	St. Paul, Minn.
Mavis Mabel Conaway	Askov, Minn.
Letcher Benjamin Connell	St. Paul, Minn.
Samuel Wainwright Cook	Minneapolis, Minn.
Walter Leselie Cook	Minn.
Dean Griffin Corey	Janesville, Wis.
Lucille Ferne Coulter	Lamberton, Minn.
Constance Cronon	Minneapolis, Minn.
Donald Valen Crowe	Jackson, Minn.
Geraldine Jane Cunningham	Amboy, Minn.
Naomi Ruth Currier	St. Paul, Minn.
Frank Ernest Daggett	St. Paul, Minn.
Duane Alfred Dahlquist	Hadley, Minn.
Patrick William Daly, Jr.	Ortonville, Minn.
Harry Bruce Dando	St. Paul, Minn.
Lois Mary Davenport	White Bear Lake, Minn.
Barbara Jean Davis	Chicago, Ill.
Harlan Lee Davis	Aberdeen, So. Dak.
Mildred Irene Davis	Minneapolis, Minn.
Thomas Lloyd Davis	Wadena, Minn.
Shirley Jean Dawson	St. Paul, Minn.
Roland Rufus De Lapp	Luverne, Minn.
Richard P. De Long	Anoka, Minn.
Robert Wilson Denison	Willmar, Minn.
William John Deurr	Hillman, Minn.
Phyllis Marcharee Dirks	Wayzata, Minn.
Marjorie Bernice Dixon	St. Paul, Minn.
Vernon Albert Doms	Woodstock, Minn.
Delle Tullar Doty	St. Paul, Minn.
Delores Jean Drogosch	Redwood Falls, Minn.
Dora Evelyn Dunn	St. Paul, Minn.
Philander Austin Durkee	St. Paul, Minn.
Robert Oliver Durst	Chokio, Minn.
Alice Louise Eikenberry	Faribault, Minn.
Robert Amiel Eilefson	Walnut Grove, Minn.
Chester Allen Eklund	St. Paul, Minn.
Vernon Owen Emerson	Minneapolis, Minn.
Ellsworth Woodrow Erickson	So. St. Paul, Minn.
Charles Edward Fahler	Olivia, Minn.
Le Roy Andrew Falk	Minneapolis, Minn.
Dale DoRane Femrite	St. Paul, Minn.
Phyllis Marie Flohil	Minneapolis, Minn.

Allen Moore Fobes	Redwood Falls, Minn.
Robert Geisness Frarey	Virginia, Minn.
Kathryn Madora Frohlich	Rapid City, So. Dak.
Doris May Fuller	St. Paul, Minn.
Ellen Harriet Fuller	St. Paul, Minn.
Lois Lorraine Galle	No. St. Paul, Minn.
Lois Eileen Gaustad	St. James, Minn.
John Habighorst Gerberding	St. Paul, Minn.
Charles Jan Gilbert, Jr.	Mitchell, So. Dak.
Bill High Gilliland	St. Paul, Minn.
Marilyn Elizabeth Godfrey	St. Paul, Minn.
Mary Ella Eunice Goins	St. Paul, Minn.
Willis Herman Gramith	Waconia, Minn.
Gladys Elizabeth Gray	St. Paul, Minn.
Glorene Greeley	Elbow Lake, Minn.
Daniel Jack Greenwald, Jr.	St. Paul, Minn.
William Beal Grobe	Duluth, Minn.
Yvonne Estelle Grove	Fairmont, Minn.
Shirley Alice Hadd	St. Paul, Minn.
Helen Ruth Haeusler	White Bear Lake, Minn.
Lyle James Hals	Rush City, Minn.
John Allen Hanner, Jr.	St. Paul, Minn.
Inez Maureen Hanscome	White Bear Lake, Minn.
George Allen Harris	Red Wing, Minn.
Lawrence Clifford Hedeon	St. Paul, Minn.
Louise Jean Heinemann	Wayzata, Minn.
Austin Paul Hendrickson	Minneapolis, Minn.
Margaret Lois Henry	St. Paul, Minn.
Paul Eugene Herzog	St. Paul, Minn.
Elizabeth Alice Hilts	Owen, Wis.
Kenneth William Hoaglund	Winthrop, Minn.
Erma Charlotte Hoglund	Fertile, Minn.
Roscoe Harold Hoiosen	Madelia, Minn.
Jeanne Millicent Holland	Warroad, Minn.
Geraldine Charlotte Hoppe	Minneapolis, Minn.
Kenneth Levi Houg	Minneapolis, Minn.
Virginia Louise Howard	St. Paul, Minn.
Sanford Henry Hudson	Benson, Minn.
Marion Sherburne Huestis	Stillwater, Minn.
Jeanne Emilie Hullsiek	St. Paul, Minn.
Mary Rose Hunter	Puyallup, Wash.
Roger Lane Iverson	Minneapolis, Minn.
Ralph Richard Jackson	St. Paul, Minn.
Robert Preston Jackson	St. Paul, Minn.
John William James	Lake Crystal, Minn.
William Knight James	Willmar, Minn.
Benjamin William Joern	Nicollet, Minn.
Frederick Otto Joerns	St. Paul, Minn.
Kenneth Andrew Johnson	St. Paul, Minn.
Muriel Charlotte Johnson	St. Paul, Minn.
Randolph Chester Jorgensen	Minneapolis, Minn.

Vincent Otto Kaehler.....	Springfield, Minn.
Donna Ruth Keller.....	St. Paul, Minn.
Harold Martin Kennedy.....	Benson, Minn.
William Cyrus Kinsey.....	Winthrop, Minn.
Ruth Margaret Knott.....	Raymond, Minn.
Carol Corinne Kocher.....	So. St. Paul, Minn.
Marguerite Sigrid Koontz.....	Minneapolis, Minn.
Charles Howard Korth.....	New Ulm, Minn.
Evelyn Catherine Koremer.....	St. Paul, Minn.
John George Kromschroeder.....	St. Paul, Minn.
Robert Edward Kuss.....	Fairmont, Minn.
Hugh Worthington Lange.....	Washington, D. C.
George Squire Leavitt.....	St. Paul, Minn.
Lois Ruth Libby.....	St. Paul, Minn.
Alvaro L. Lievano.....	Bogota, Colombia, So. Amer.
John Frederick Lindquist.....	Harris, Minn.
Frank Frederick Logman.....	St. Paul, Minn.
Otis Arno Loose.....	New Ulm, Minn.
Beverly Lucille Love.....	Luck, Wis.
Loragene Lucille Lowry.....	St. Paul, Minn.
Elsabe Ruth Luedke.....	St. Paul, Minn.
Charles Burton McAllister.....	St. Paul, Minn.
John Paul McGee.....	St. Paul, Minn.
Betty Jean MacKnight.....	St. Paul, Minn.
Robert Owen McLeod.....	Pine City, Minn.
Paul MacMullan.....	Minneapolis, Minn.
Helen Louise McRae.....	St. Paul, Minn.
Norma Winifred Macomber.....	St. Clair, Minn.
David Marvan Mason.....	Williams, Minn.
Barbara Jean Meserve.....	St. Paul, Minn.
Florence June Miller.....	St. Paul, Minn.
Ralph Theron Moffatt.....	Chokio, Minn.
Abigail Anne Moore.....	Jackson, Minn.
Vincent Eugene Mork.....	Hancock, Minn.
Joyce Ione Moulton.....	Rush City, Minn.
John Marcus Muller.....	Rupert, Idaho
Edward Philip Munday.....	St. Paul, Minn.
Robert B. Munday.....	St. Paul, Minn.
Florence Anita Myers.....	St. Paul, Minn.
Theodore Allen Nelsen.....	St. Paul, Minn.
Charles D. Nelson.....	Rice Lake, Wis.
Constance Muriel Nelson.....	Minneapolis, Minn.
Esther Louise Nelson.....	Minneapolis, Minn.
Eva Marie Nelson.....	Minneapolis, Minn.
Ivan Winston Nelson.....	Evansville, Minn.
Bette Ann Newton.....	Monango, No. Dak.
Edmund Arthur Nicholson.....	Willmar, Minn.
Frederick Robert Oberschulte.....	St. Paul, Minn.
Fredrica Margueritte Ohnstad.....	Sharon, No. Dak.
Mary Ellen O'Jala.....	St. Paul, Minn.

Gunvor Lorraine Olson	Minneapolis, Minn.
Marshall E. Olson	Kerkhoven, Minn.
Patricia Blanche Olson	Morris, Minn.
Marion Olive Ostergren	St. Paul, Minn.
Jeanette Gudrun Ouren	Hanska, Minn.
Marjorie G. Paulsrud	St. Paul, Minn.
Lorne Henry Paynter	McGregor, Minn.
Miriam Ella Peake	Eufaula, Ala.
Leon Ward Pease	Olivia, Minn.
Moritz Edward Pederson	Park River, No. Dak.
Rosemary Pennington	Rochester, Minn.
Norma Audrey Penschuck	St. Paul, Minn.
Keith John Petersen	St. Paul, Minn.
Bernice Inez Juanita Peterson	Parkers Prairie, Minn.
Carol Maxine Peterson	Lake City, Minn.
John Kermit Peterson	Douglas Lodge, Minn.
Raymond Cyril Peterson	Windom, Minn.
Wesley Donavon Peterson	Wheaton, Minn.
Edward Raymond Petzold	St. Paul, Minn.
Virginia May Povey	St. Paul, Minn.
Dorothy Joanne Price	St. Paul, Minn.
Helen June Primrose	St. Paul, Minn.
Milan Paul Raether	Waconia, Minn.
Robert George Rafferty	St. Paul, Minn.
Bernice Alice Rauschnot	Mendota, Minn.
Aileen Thelma Reichert	Marshall, Minn.
Shirley Elizabeth Reps	St. Paul, Minn.
Ruth Alice Richter	Hunter, No. Dak.
Don John Reisberg	Hutchinson, Minn.
Marvin William Risdon	Litchfield, Minn.
Robert Vincent Rollin	Minneapolis, Minn.
Russell Edwin Sargent	Red Wing, Minn.
David Frank Saunders	Parkers Prairie, Minn.
James Byron Sawyer	Revere, Minn.
George Edward Schafer	St. Paul, Minn.
Rose Esther Setterberg	Slayton, Minn.
Dell LaVerne Sharp	Bristol, So. Dak.
Elaine Irene Sharp	Sioux Falls, So. Dak.
Betty Jean Short	St. Paul, Minn.
Madelyn Florence Silver	St. Paul, Minn.
Robert Edson Siman	Fulda, Minn.
Ruth Margaret Simpson	Fairmont, Minn.
Melvin Stanley Sjerven, Jr.	Bristol, So. Dak.
Marjorie Gae Slater	St. Paul, Minn.
Arlan Royal Smith	Elmore, Minn.
Betty Jean Smith	St. Paul, Minn.
Byron Lee Smith	Mankato, Minn.
Mertice LaVaun Smith	Minneapolis, Minn.
Patricia May Smith	Long Lake, Minn.
Robert Marvin Smith	St. Paul, Minn.
Elizabeth May Sperling	Minneapolis, Minn.

Carol Harriet Steuck	Minneapolis, Minn.
Edwin Ellsworth Stuart	New Richland, Minn.
Virginia Alice Sullivan	Blackduck, Minn.
Iva Lea Suskovic	Red Wing, Minn.
Turina Eileen Teigum	Madelia, Minn.
Marian Joan Temple	So. St. Paul, Minn.
Cecil Arthur Thornton	Minneapolis, Minn.
Charles Jerome Timberlake	St. Paul, Minn.
Elizabeth Charlotte Tingloff	Cloquet, Minn.
Lloyd Delbert Tracy	Hutchinson, Minn.
Robert Burns Tubbesing	Red Wing, Minn.
Bettye Margaret Tucker	Minneapolis, Minn.
Phyllis Jean Tucker	St. Paul, Minn.
Neil Rudolph Tufvesson	Jackson, Minn.
Elizabeth Murray Turner	Duluth, Minn.
Lois Carolyn Tverberg	Grafton, No. Dak.
Caryl Marion Vermilya	St. Paul, Minn.
Gertrude Lorene Vetter	Emerald, Wis.
Ernest William Vihstadt	Minneapolis, Minn.
Gorney Edward Vugteveen	Pease, Minn.
Ethel Lucille Wagner	Garden City, So. Dak.
Marjorie Geraldine Wall	St. Paul, Minn.
Arline Elsie Waller	Redwood Falls, Minn.
Allen Fred Walz	Pipestone, Minn.
William Milo Watson	Minneapolis, Minn.
Phyllis Eleanor Weber	Blue Earth, Minn.
Betty Blair Webster	Rice Lake, Wis.
John David Wellman	Montevideo, Minn.
Weston Werner	Chaska, Minn.
Betty Jane Westman	St. Paul, Minn.
J. Duane Wethe	Rapid City, Minn.
Catherine Frances Wetteland	St. Paul, Minn.
Jean Ruth Wetterlin	Minneapolis, Minn.
Elmer Lyle Whyte	Hinckley, Minn.
Paul Russell Wigfield	St. Paul, Minn.
Jeanne Comfort Wilkinson	St. Paul, Minn.
Ardis Elizabeth Williamson	McGregor, Minn.
Mary Eleanor Willis	St. Paul, Minn.
Robert Henry Wise	St. Paul, Minn.
Emery Bellman Wittenberger	St. Paul, Minn.
Virginia Ruth Wolfangle	St. Paul, Minn.
Rudolph William Wolfgram	St. Paul, Minn.
Revoida Mae Wright	St. Paul, Minn.
William Charles Wright	Hudson, Wis.
Bonnie Mae Wyatt	St. Paul, Minn.
Ansel Charles Zehm	So. St. Paul, Minn.
Robert Lee Zesbaugh	Minneapolis, Minn.

Special Students

William McMillen Baker.....	St. Paul, Minn.
Margaret Gordon Brown.....	St. Paul, Minn.
Mrs. Sadie Henly.....	St. Paul, Minn.
Carl A. Jensen.....	St. Paul, Minn.
Herman Raymond Straka.....	St. Paul, Minn.
Robert Earl Tucker.....	Minneapolis, Minn.

Summary of Students

Freshmen.....	290
Sophomores.....	196
Juniors.....	117
Seniors.....	97
Special.....	6
Total.....	706

Form of Bequest

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

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

INDEX

	PAGE
Administrative Staff.....	6
Admission.....	37
Advanced Standing.....	38
Advisers.....	44
Athletics.....	96
Bequest, Form of.....	120
Bible.....	87
Biology.....	45
Board.....	35
Botany.....	47
Buildings and Equipment.....	18
Calendar.....	3
Chemistry.....	48
Choir.....	28
Classification, Group.....	13, 41
Students.....	41
Committees, Faculty.....	13
Trustees.....	5
Conservatory of Music.....	101
Courses of Study.....	45
Credit.....	39
Debate and Oratory.....	27, 94
Degrees.....	14, 38, 103
Departments.....	45
Dormitories.....	18
Dramatic Art.....	95
Economics.....	51
Education.....	54
Employment.....	31
English.....	59
Entrance Requirements.....	37
Examinations.....	20
Expenses.....	33, 102
Faculty, College.....	7
Conservatory of Music.....	101
Fees.....	33, 102
Financial Aids.....	21
Fine Arts.....	64
Forensics.....	27

	PAGE
Foundations.....	26
French.....	64
General Information.....	14
Geology.....	66
German.....	68
Glee Clubs.....	28
Graduation.....	38
Group Classification.....	13, 41
Greek.....	70
Guidance.....	30
Health Service.....	32
Historical Sketch.....	16
History.....	70
Honor Courses.....	41
Information.....	14
Latin.....	73
Law, Preparation for.....	43
Library.....	19
Loan Funds.....	25
Location.....	18
Majors.....	40
Mathematics.....	74
Medicine, Preparation for.....	42
Ministry, Preparation for.....	44
Minors.....	40
Music.....	77
Conservatory of.....	101
Objectives.....	15
Personnel Service.....	30
Philosophy.....	79
Physical Education.....	96
Physics.....	80
Pi Phi Epsilon Society.....	29
Placement Service.....	31
Political Science.....	82
Presidents.....	17
Prizes.....	22
Psychology.....	84
Publications.....	29
Purpose, General.....	14

	PAGE
Quill Club.....	27
Registration.....	20
Religion.....	86
Religious Life.....	29
Reports.....	20
Requirements for Graduation.....	38
Restrictions on Choice of Courses.....	41
Rooms and Board.....	35
Scholarships.....	23
Self-Support.....	36
Sigma Delta Psi.....	29
Social Work.....	43, 90
Societies.....	27
Sociology.....	90
Spanish.....	92
Speech.....	93
Student Activities.....	27
Student Classification.....	41
Students, Roll of.....	105
Teaching, Preparation for.....	44, 54
Trustees, Board of.....	4
Committees.....	5
Tuition.....	33, 102
Y. M. C. A.....	27
Y. W. C. A.....	27
Zoology.....	45



