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1941							• • 1942 • •							1943													
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
6	7	1	2	3	4	5	4	5	6	7	1	2	3	5	6	7	8	9	10	11	3	4	5	6	7	1	2
13	14	15	16	17	18	19	11	12	13	14	15	16	17	12	13	14	15	16	17	18	10	11	12	13	14	15	16
20	21	22	23	24	25	26	18	19	20	21	22	23	24	19	20	21	22	23	24	25	17	18	19	20	21	22	23
27	28	29	30	31			25	26	27	28	29	30	31	26	27	28	29	30	31	24	25	26	27	28	29	30	
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
3	4	5	6	7	1	2	1	2	3	4	5	6	7	2	3	4	5	6	7	1	7	1	2	3	4	5	6
10	11	12	13	14	15	16	8	9	10	11	12	13	14	9	10	11	12	13	14	15	14	15	16	17	18	19	20
17	18	19	20	21	22	23	15	16	17	18	19	20	21	16	17	18	19	20	21	22	21	22	23	24	25	26	27
24	25	26	27	28	29	30	22	23	24	25	26	27	28	23	24	25	26	27	28	29	28						
31							29	30	31					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
7	8	9	10	11	12	13	1	2	3	4	5	6	7	6	7	8	9	10	11	12	7	8	9	10	11	12	13
14	15	16	17	18	19	20	8	9	10	11	12	13	14	13	14	15	16	17	18	19	14	15	16	17	18	19	20
21	22	23	24	25	26	27	15	16	17	18	19	20	21	20	21	22	23	24	25	26	21	22	23	24	25	26	27
28	29	30					22	23	24	25	26	27	28	27	28	29	30				28	29	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
5	6	7	8	9	1	2	5	6	7	8	9	10	11	4	5	6	7	8	9	10	4	5	6	7	8	1	2
12	13	14	15	16	17	18	12	13	14	15	16	17	18	11	12	13	14	15	16	17	11	12	13	14	15	16	17
19	20	21	22	23	24	25	19	20	21	22	23	24	25	18	19	20	21	22	23	24	18	19	20	21	22	23	24
26	27	28	29	30	31	..	26	27	28	29	30			25	26	27	28	29	30	31	25	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
2	3	4	5	6	7	1	3	4	5	6	7	8	9	1	2	3	4	5	6	7	2	3	4	5	6	7	1
9	10	11	12	13	14	15	10	11	12	13	14	15	16	8	9	10	11	12	13	14	9	10	11	12	13	14	15
16	17	18	19	20	21	22	17	18	19	20	21	22	23	15	16	17	18	19	20	21	16	17	18	19	20	21	22
23	24	25	26	27	28	29	24	25	26	27	28	29	30	22	23	24	25	26	27	28	23	24	25	26	27	28	29
30							31						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
7	8	9	10	11	12	13	7	1	2	3	4	5	6	6	7	8	9	10	11	12	6	7	8	9	10	11	12
14	15	16	17	18	19	20	14	15	16	17	18	19	20	13	14	15	16	17	18	19	13	14	15	16	17	18	19
21	22	23	24	25	26	27	21	22	23	24	25	26	27	20	21	22	23	24	25	26	20	21	22	23	24	25	26
28	29	30	31				28	29	30					27	28	29	30	31			27	28	29	30			

College Calendar

Academic Year 1941-1942

1941

- Sept. 12-13 Friday-Saturday, Freshman Tests.
Sept. 13-14 Saturday-Sunday, Freshman Camps.
Sept. 15-17 Monday-Wednesday, First Semester Registration.
Sept. 18 Thursday, 8:00 a. m., Classes begin.
Nov. 20-22 Thanksgiving Vacation.
Dec. 18 Thursday, 4:50 p. m., Christmas Vacation begins.

1942

- Jan. 5 Monday, 8:00 a. m., Christmas Vacation ends.
Jan. 24-31 Saturday-Saturday, First Semester Examinations.
Feb. 2-3 Monday-Tuesday, Second Semester Registration.
Feb. 4 Wednesday, 8:00 a. m., Classes begin.
Feb. 12 Thursday, Lincoln's Birthday.
March 14 Saturday, 7:00 p. m., Founders' Day Celebration.
March 17 Tuesday, Pi Phi Epsilon Initiation.
April 2 Thursday, 4:50 p. m., Spring Vacation begins.
April 13 Monday, 8:00 a. m., Spring Vacation ends.
April 24 Friday, Cap and Gown Day.
May 30 Saturday, Memorial Day.
June 6-13 Saturday-Saturday, Second Semester Examinations.
June 8 Monday, Fifty-third Annual Commencement.

Board of Trustees

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CLARK R. FLETCHER.....	Minneapolis
W. MELL HOBART.....	Minneapolis
A. B. JACKSON.....	St. Paul
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FRED SCHILPLIN.....	St. Cloud
PAUL D. SCHRIBER.....	St. Paul
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DAVID J. WINTON.....	Minneapolis

TERMS EXPIRE JUNE, 1942

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

TERMS EXPIRE JUNE, 1943

REV. H. H. BALDWIN, D.D.....	Minneapolis
C. H. BIGELOW.....	St. Paul
REV. W. B. BRYAN.....	Minneapolis
GEORGE D. DAYTON, II.....	Minneapolis
ARTHUR BRISTOW HOOD.....	Rapid City, S. D.
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C. V. SMITH.....	Minneapolis
L. H. WILLIAMS.....	Minneapolis

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R. M. WEYERHAEUSER	

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C. H. BIGELOW	R. M. WEYERHAEUSER
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 Student Personnel Services

Fred A. Replogle, Ph. D., Director of Guidance

Placement Bureau

Fred A. Replogle, Ph. D., Director

Health Service

Roberta V. Gillis, 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

Rosalie Kollarich, Secretary to the President

Vivian Gilbert, Secretary to the Comptroller

Elmer Ojimaki, Bookkeeper

Erna L. Kaiser, Secretary, Student Financial Affairs

Dorothy E. Peterson, Secretary to the Faculty

Margaret Hammond, S. 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

Mrs. J. Clark Rhodes, House Director, Kirk Hall

Mildred Toop, Director of Food Service

Norman McRae, Superintendent of Buildings and Grounds

College Faculty

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

(The figures in parenthesis 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.

ANDREW WORK ANDERSON

Professor of Philosophy, Emeritus (1891)

A.B., College of Wooster, 1889; A.M., 1892.

DAVID NEWTON KINGERY

Professor of Mathematics and Astronomy, Emeritus (1896)

A.B., Wabash College, 1893; A.M., 1899.

JOHN PORTER HALL

Registrar. Professor of Greek (1897)

A.B., Princeton University, 1897.

GRACE BEE WHITRIDGE

Professor of Dramatic Art (1900)

Graduate, Boston School of Oratory, 1890; post-graduate, 1891; Graduate, New York Academy of Dramatic Art, 1899; LL.D., Macalester College, 1940.

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 and Religion (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.

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.

*INA ANNETTE MILROY

Professor of German (1925)

Ph.D., University of Berlin, 1904.

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.

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; D.R.E., Boston University, 1940.

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.

KANO IKEDA, F.A.C.P.

Professor of Medical Technology (1937)

M.D., University of Illinois, 1914.

*Retired

JOHN BOLTON KELSO

Visiting Professor of Art Appreciation (1933)

A.B., Washington and Jefferson, 1894; Ph.D., University of Leipzig, 1904.

NORMAN FRANK COLEMAN

Visiting 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.

C. SVERRE NORBORG

Visiting Professor of Philosophy (1939)

A.B., Oslo Cathedral School, 1920; M.A., University of Oslo, 1925; Ph.D., 1935.

J. STEWART BURGESS

Visiting Professor of Sociology (1941)

A.B., Princeton University, 1905; M.A., Columbia University, 1909; Ph.D., Columbia University, 1928.

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., Trinity College of Music, London, 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 Theological 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 Student Personnel Services.**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; D.Mus., Huron College, 1940.

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 Conservatory of Music, 1932.

CHARLES ALVIN CARLETON

Assistant Professor of German (1933)

A.B., University of Minnesota, 1928; A.M., 1931.

WILLIAM AUGUSTUS CORNELL

Associate 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; Ph.D., University of Chicago, 1940.

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.
- MRS. RENATA RUTH WASSON
Assistant Professor of History (1939)
A.B., University of North Dakota, 1928; A.M., University
of Minnesota, 1930.
- OLLIE OLSON
Assistant Professor and Athletic Coach (1939)
A.B., Northwestern University, 1934; Ed. M., Boston
University, 1936.
- A. PHILLIPS BEEDON
Assistant Professor of English (1940)
A.B., Macalester College, 1928; M.A., University of Minnesota,
1930.
- JAMES HASTINGS NICHOLS
Assistant Professor of Religion (1940)
A.B., Yale College, 1936; M.A., Harvard, 1937; Ph.D.,
Yale University, 1941.
- 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, Ger-
many, 1929; A.M., Smith College, 1931.
- FRANK JOSEPH POLANSKY
Instructor in Mathematics (1938)
A.B., University of Minnesota, 1936; A.M., 1938.
- DANIEL EDISON HUGHES
Instructor in Psychology (1939)
S.B., Iowa State College, 1934; A.M., University of Minne-
sota, 1940.
- MARGARET B. ADAMS
Instructor in English (1940)
A.B., Macalester College, 1940.
- THEODORE GUNTHER MITAU
Instructor in German (1940)
A.B., Macalester College, 1940.

MARY ALLENE MUNCEY

Instructor Physical Education for women (1940)
B.S., University of Missouri, 1938.

NORRIS T. PRITCHARD

Instructor in Economics (1940)
A.B., Iowa State Teachers College, 1939; A.M., State
University of Iowa, 1940.

MRS. HELEN TRIEGLAFF KRINKIE

Visiting Lecturer in Art History (1940)
A.B., Carleton College, 1936; A.M., University of Minne-
sota, 1938.

HOWARD GUSTAFSON

Assistant in Biology Laboratory (1937)
A.B., Macalester College, 1937.

HELEN HARRIS

Assistant in Biology Laboratory (1938)
A.B., Macalester College, 1934; A.M., University of Minne-
sota, 1938.

ARTHUR KNUT KELSEN

Assistant in Chemistry Laboratory (1938)
A.B., Macalester College, 1937.

JAMES C. SCOTT

Assistant in Geology Laboratory (1939)
B.S., University of Manitoba, 1938.

NORMAN ELLIOTT

Assistant to Director of Personnel Services (1940)
A.B., Macalester College, 1940.

CLYDE J. LINDLEY

Assistant in Psychology (1941)
A.B., University of Missouri, 1937; M.A., State University
of Iowa, 1938.

BARBARA LEE DURKEE

Fellow in English (1939)
A.B., Macalester College, 1938.

HERMAN PETZOLD

Fellow in Speech (1939)
A.B., Macalester College, 1939.

TENHO HERMANSON

Fellow in English (1940)
A.B., Macalester College, 1940.

RICHARD JOHANSEN

Fellow in Speech (1940)
A.B., Macalester College, 1940.

MRS. ISABEL LONG

Director, Reading Clinic (1940)

Committees of the Faculty, 1941-1942

(The first named in each instance is chairman)

- Advisory Council:** Ficken, Boggs, Camp, Sundheim, Young.
- Athletics:** Hastings, Camp, Johnson, Meserve, Olson, Primrose.
- Cabinet:** Turck, Cornell, Doty, Ficken, Hall, Kagin, Meserve, Primrose, Sundheim.
- Catalog:** Hall, Burg, Holmes.
- Chapel and Convocation:** Turck, Ficken, Kagin, McLean, Replogle.
- College Functions:** Owen, Hall, Jensen, Holmes, Stratte, Walter.
- Curriculum:** Ficken, Bradley, Brown, Harrison, Holmes, Jensen, Jones, Walter, Ward.
- Library:** Alexander, Boggs, Brown, Cornell, May, Librarian (ex-officio).
- Placement:** Replogle, Bradley, Kagin, Koontz, Young.
- Religious Life and Work:** Coleman, Clark, Jones, Kagin, McLean, Nichols, Schellberg, Pastor, Macalester Church (ex-officio).
- Rules:** Kagin, Doty, Ficken.
- Social Affairs:** Doty, Cornell, Ficken, Owen, Schellberg.
- Student Exchange:** Franklin, Carleton, Coleman, Harrison, Ward.
- Student Honors:** Shiflett, Boggs, Meserve, Palmer, Sundheim.
- Committee on Committees:** Cornell, Boggs, Camp, Shiflett, Young.

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.

Educational 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 1940, is 2248 of whom 1034 are men and 1214 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 33,500 volumes and is valued at \$37,000.

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 a 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 spectator's 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 33,500 volumes and is located on the ground floor of the main building. In Carnegie Science Hall are department libraries.

Two hundred and forty-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 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.

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 \$9,000, 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 Ilduhapi 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; Athenaeon 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-seven 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.

College 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 adminis-

tration 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 senior students whose average during the preceding year was "C" or better, a scholarship of \$25.00 is awarded for the year 1941-1942.		
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, 201, 202, 204 with laboratory, 301, 302, 304, 305	.....	" 5.00
Biology 204 without laboratory	.....	" 1.50
†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
Music: (a) Individual instruction in piano, organ, voice, violin	.....	" 30.00
(b) Practice room rental, six hours a week	.....	" 8.00
Physics 101-102	.....	" 2.50
Physics 201-202, 221, 301-302, 411	.....	" 5.00
Psychology 310	.....	" 2.50
Secretarial Procedure	.....	" 7.50
Shorthand	.....	" 2.50
Speech 141-142, 241-242, 251, 252, 343-344, 347-348, 441-442	.....	" 1.00
Typewriting	.....	" 5.00
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.

N. B.—For music fees see page 106.

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 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.

A limited quota of carefully selected students is admitted from the lower half. They are chosen on the basis of personal conferences. In some cases the satisfactory completion of certain aptitude and achievement tests is required. These tests are given in the Main Building, Room 104, on the last Saturday of May, June, July and August from 9:00 A. M. to 4:00 P. M. Appointments are to be made by remitting the "Entrance Examination Fee" of \$5.00 to the Office of the Dean 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 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 and a passing grade in the English portion of sophomore comprehensive tests.
2. Foreign language 202, 204 or 306, completed by the end of the junior year; German 306, 308 or French 306 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 in 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, twelve credits in two or more departments.
6. 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.
7. 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.
8. 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 | 4. Philosophy | 7. Religion |
| 2. Education | 5. Political Science | 8. Sociology |
| 3. History | 6. Psychology | |

GROUP III.

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

GROUP IV.

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

Restrictions on Choice

A choice 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: Chemistry 106, English 103-104, Economics 101-102, 201, French 101-102, 103, 305, German 101-102, Greek 101-102, Latin 101-102, Mathematics 101, 103, Physics 101-102, Religion 103 and 105, Sociology 101-102, 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 advisor. 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

Sophomore Year

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

Junior Year

Biology or Social Science
Organic Chemistry
German
Physics
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.

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 professional training at the hospital under competent professional instruction.

Under exceptional circumstances a student may, by faculty action, be admitted to the professional training course upon the completion of ninety-six credit hours of work in the arts and sciences.

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 a basic preparation recommended 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, Introduction to Politics and 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.

For Careers in Business.—The student of today needs a broad background on which to build a professional career in the business world. This background is furnished by the cultural atmosphere and curriculum of the liberal arts college. Business leadership falls upon those with well-rounded personalities. Therefore the Macalester program in Business Administration includes Speech, Physical Education, Government, Sociology, History, English, Art, Psychology, and Logic as well as Economics, Secretarial Studies and Mathematics.

General training in the basic business processes of production, finance, marketing and administrative control may be secured through the pursuit of such a program as the following:

Freshman Year

Introduction to Politics
History or Speech
Mathematics or Science
French, German or Spanish
Religion
English or Introduction
to Humanities

Sophomore Year

Principles of Economics
Accounting
Sociology
Psychology
Religion or Art Appreciation
Philosophy or Ethics
Speech or History
American Government

Junior Year

Distributive System
 Statistics
 Public Finance
 United States in World Affairs or
 Political Parties and Propaganda
 Rural Sociology
 Applied Psychology
 Economic Geology or
 Social Pathology
 Business Correspondence
 Corporation Finance
 Human Psychology
 Appreciation of Literature
 Secretarial Studies

Senior Year

Labor Economics
 Monetary and Banking Policies
 Economic Thought and
 Economic Systems
 Seminar in Metropolitan Area
 or
 Seminar in Economics
 Mathematics of Investments
 Secretarial Studies
 Recent Political Philosophy
 Public Administration or
 International Politics
 Journalism
 Logic

For Secretarial Studies.—The courses in Secretarial Studies are designed to prepare students for responsible positions in business. The following courses are recommended and are required of those who expect to obtain the Commercial Teachers' Certificate, enabling them to teach in high schools.

SECRETARIAL STUDIES

Sophomore Year

First Semester

Principles of Economics, 231
 Legal Aspects of Business

Second Semester

Principles of Economics, 232
 Economics, 372 (Distributive System)
 Business Correspondence

Junior Year

First Semester

Elementary Shorthand
 Elementary Typewriting
 Economics 271 (Accounting)
 Economics, 373 (Corporation
 Finance)

Second Semester

Elementary Shorthand
 Elementary Typewriting
 Economics, 272
 Economics, 376 (Money & Banking)
 or
 Economics, 339 (Labor Economics)

Senior Year

First Semester

Advanced Shorthand
 Advanced Typewriting
 Secretarial Procedure
 Special Methods

Second Semester

Advanced Shorthand
 Advanced Typewriting
 Secretarial Procedure
 Practice Teaching

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. Not offered 1941-1942.
- 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. Not offered 1941-1942.
- 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.

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.

409, 410. Individual Course and Seminar.—

MR. WALTER AND MR. MESERVE

Seniors and second semester juniors 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.

- 106. Chemistry of Foods.—** MR. SHIFLETT
 In this course a study is made of the sources, composition and preservation of human food. Some time is devoted to a study of the enzymes and vitamins.
 Second semester, two lectures a week, two credits.
 These credits may not be used toward graduation along with chemistry 307.
- 108. Theory of Solutions.—** MR. SHIFLETT
 A study of the laws of solution, ionization, chemical and physical equilibria, solubility product, principles of precipitation, oxidation and reduction, etc. For students who have completed Chemistry 101 or Chemistry 103 and are continuing 102 and 104 and who expect to continue with second year chemistry.
 Second semester, two lectures a week, two credits.
- 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 AND MR. PRITCHARD

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 201, 209 and one of the following: 301, 351, or 352. An interdepartmental minor consists of fifteen credits and includes Economics 231-232, Political Science 201, 209 and at least one 300 course from either department.

101-102. Our Contemporary Society.—

Identical with Sociology 101-102. For those who do not plan to take further work in the department.

One year, six hours a week, six credits. Two credits each to Economics, Political Science and Sociology. Does not carry credit toward a major or minor.

201. Survey of Economics.—

MR. PRITCHARD

This course covers in a briefer and more elementary form the material contained in Course 231-232. For those who plan no further work in the department. 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

Fundamental principles of economics with respect to production, value, distribution, and consumption; prices and costs of production; monopoly and monopolistic competition; regulation of industry. Special emphasis on application of economic

principles to current problems such as money, credit, monopolies, transportation, labor, public ownership, taxation, insurance, agriculture, tariffs, trade obstacles, business cycles, unemployment, industrial conflict, cooperatives, public works, collectivism.

Prerequisite, twenty-four credits or consent of instructor. One year, three hours a week, six credits.

240. Introduction to Statistics.—

MR. PRITCHARD

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 presentation, averages, dispersion, correlation, trend analysis, index numbers, and business forecasting.

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

250. Law of Business Relations.—

MR. PRITCHARD

A practical course on the law of contracts, agency, sales, partnership, corporations, negotiable instruments, deeds, mortgages, leases, wills, bankruptcy.

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

271, 272. Accounting Methods in Economic Analysis.—

MR. PRITCHARD

Theory and practice of bookkeeping and accounting; ledgers and journals; business papers; depreciation and other problems of valuation; preparation and analysis of statements; interpretation of accounting data.

Prerequisite, twenty-four credits or consent of instructor. One year, three hours a week, six credits.

339. Labor Economics.—

MR. YOUNG

A survey of labor problems such as industrial conflict, wages, hours, employment, types of unionism, policies and practices of labor organizations; economic implications of labor legislation including compensation for unemployment, old age, accidents and health; minimum wage laws; Fair Labor Standards Act; Wagner Labor Disputes Act; personnel administration, testing, and selection, wage payment systems, employment stabilization.

Prerequisite, course 232 or consent of instructor. First semester, three hours a week, three credits.

- 342. Public Finance.**— MR. PRITCHARD
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, Economics 232 or consent of instructor. Second semester, two hours a week, two credits. Not offered 1941-1942.
- 372. The Distributive System.**— MR. YOUNG
An analysis of the effectiveness of the marketing system in serving society. Institutions, practices and policies involved in getting goods from the producer to the consumer. Merchandising trends, advertising policies, pricing practices, selling methods, scale of retailing, cooperatives, federal and state control over marketing activity.
Prerequisite, course 232 or consent of instructor. Second semester, three hours a week, three credits.
- 373. Corporation Finance.**— MR. PRITCHARD
Types of business organization with emphasis on the corporation; its financial structure; types of securities; promotions; financial policies; combinations; reorganization methods. Attention is given to problems of both the investor and the entrepreneur.
Prerequisite, course 232 or consent of instructor. First semester, three hours a week, three credits.
- 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.
- 385. 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 the economic organization and policies of Russia, Germany, Italy and Sweden.
Prerequisite, twelve credits in economics, senior standing and consent of instructor. First semester, three hours a week, three credits.

406. Economics Seminar.— MR. YOUNG
 Conferences and reports on individual research in the field of Economics. Special topics for 1940-1941 are: Foreign Trade with special reference to South America; the economics of war; the Defense economy of the United States; Monopolistic Competition and the findings of the Temporary National Economic Committee. Students who are qualified may engage in special research or explore areas of interest not comprehensively covered in the regular curricular offering such as Public Utility Economics, Principles of Insurance, Commercial Law, and Business administrative policies.

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

491-492. The Metropolitan Area.— MR. YOUNG
 Identical with Political Science 491-492 and Sociology 491-492. Conferences, reports, readings, seminars and field investigations dealing with the economic, political and social phenomena in the Twin Cities metropolitan region.

Open to seniors with the permission of the instructors. One year, two, four or six credits. (Not more than two credits to a department.)

Teacher's Course.—See Education 462.

Courses of special interest to students of Economics are English 203-204, Mathematics 305, Psychology 307, Sociology 309, Political Science 352, Philosophy 209, History 203-204. Courses in beginning and advanced shorthand and typing are offered, but carry no college credit. See Secretarial Studies.

Education

PROFESSORS BRADLEY AND REPLOGLE

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 }.....	3	"	"
b. Observation			
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 | <u>44 credits</u> |

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 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 also will 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.
- 456. 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. Second semester, two hours a week, two credits. Alternate years. Not offered 1941-1942.
- 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.
- 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. The best preparation for this course includes the completion of the following; Economics 231-232; History 101-102, 203-204; Political Science 201, 209; Sociology 203-204.
 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 and survey of ensemble literature, or choral technique and survey of choral literature.

Prerequisite or corequisite, music major with concentration in Choral Ensemble 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.

481. Secretarial Studies.—

Consideration of the problems pertaining to the teaching of typing, shorthand, bookkeeping, and other commercial subjects in high schools.

First semester, three hours a week, three credits.

English

PROFESSORS WARD, CLARK, DOTY, MAY, COLEMAN, BEEDON,
MR. BURG, MISS DURKEE AND MISS ADAMS

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 course 103-104 and a passing grade in the English portion of the sophomore tests.

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.

103-104. Freshman Writing.—

Instruction in various kinds of writing, such as imaginative writing, news writing and critical writing. Each student will be expected to know how to use the library for investigation and critical reading, and to plan, write and document course reports and papers. On the basis of achievement tests passed and writing done under supervision, one, two or three credits can be earned each semester. The course is to be continued until the student has earned six credits.

Prerequisite, placement test. Three to five hours a week, one, two or three credits each semester.

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 103-104. 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. 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.

One year, two hours a week, two credits.

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.—

MR. COLEMAN and Staff

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.—

MR. WARD

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. Not offered 1941-1942.

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. Not offered 1941-1942.

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

MR. WARD AND MISS MAY

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. Alternates with course 387, 388.

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.—

MRS. KRINKIE

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.

208. Foundations in Modern Art.—

MRS. KRINKIE

A study of the art of the late seventeenth, eighteenth, and nineteenth centuries as a basis for contemporary styles, with particular emphasis on the development of American architecture and painting from the Colonial and Georgian periods to the present day.

Second semester, two hours a week, two credits.

French

PROFESSORS FICKEN, SUNDHEIM 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 306.

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

Review of grammar, composition, oral work and the reading of modern French texts. Course 306 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.

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 con-

versation 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.

- 305. French Literature in Translation.**— MISS SUNDHEIM
A study of the lives and works of the most important French writers for those who do not read French. Lectures, readings and discussion. This course does not count toward a major or minor in French.

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

- 306. Scientific French.**— MR. FICKEN
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.

- 316. The Modern Novel.**— MISS SUNDHEIM
Extensive reading of prose from Balzac to the present time.

Second semester, three hours a week, three credits.

- 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. Not offered 1941-1942.

- 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 students 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 or Economics 232. 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, MISS LYNCKER AND MR. MITAU

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.

201-202. An Introduction to German Literature.—

An elementary survey designed to provide an exploratory knowledge of German literature and to advance the reading ability of second year students.

Prerequisite, course 102 or by departmental examination. One year, four hours a week, eight credits.

205-306. Scientific German.—

In this course reading material from the physical and biological sciences forms the basis for a thorough study of vocabulary and translation technique. This course is recommended for all Group III majors.

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

308. Medical German.—

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

Prerequisite, course 205. Second semester, four hours a week, four credits.

309R. 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 or two hours a week, one or two credits.

311, 312. Conversation, Composition.—

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 in the first semester and a similar writing ability in the second semester.

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

401R. Senior Studies.—

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.

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. Not offered 1941-1942.

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

The following courses are recommended: Economics 231-232; English 267, 268; Philosophy 311-312, 331; Political Science 201, 209, 301; Religion 312 and Sociology 203-204.

A minor consists of fifteen credit hours and must include courses 101-102 or 201, 202 and 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.
 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.
- 303. Medieval Civilization.—** MR. HOLMES
 The development of European culture from the decline of the Roman Empire to the end of the fifteenth century.
 Prerequisite, fifty-four credits. First semester, three hours a week, three credits. Alternating with course 307. Not offered 1941-1942.
- 304. Europe from the Renaissance to the French Revolution.—** MR. HOLMES
 An advanced study of selected significant trends and movements.
 Prerequisite, fifty-four credits, including course 101-102. Second semester, three hours a week, three credits. Alternating with course 308. Not offered 1941-1942.
- 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. Not offered 1941-1942.

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.

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.

318. Latin America.—

MRS. WASSON

A study of the rise and development of the Latin American republics from colonial times to the present. Special emphasis is placed on social development and on relations with the United States.

Prerequisite, fifty-four credits and course 204 or consent of instructor. Second 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 strongly urged to take courses 212, 309 and Education 458. 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.

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. Not offered 1941-1942.

213, 214. Translation Laboratory.—

A rapid reading course to develop speed and vocabulary.

Prerequisite, course 102 or two years of high school Latin. One year, two hours a week, two 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. Not offered 1941-1942.

306. 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, three hours a week, three 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.

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. Not offered 1941-1942.

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

Prerequisites as above. One year, two hours a week, four credits.

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 456. 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. 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. CAMP

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.—

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.—

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. Not offered 1941-1942.

304. Theory of Equations.—

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. Not offered 1941-1942.

305. Mathematics of Investment.—

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

Prerequisite, course 102 or 104. First semester, three hours a week, three credits. Alternate years. Not offered 1941-1942.

307-308. Advanced Calculus.—

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.

401, 402. Seminar in Higher Mathematics.—

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, one hour a week, two credits.

Teacher's Course.—See Education 456.

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 303-304
	Course 307-308	4 credits	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	Course 101-102	4 credits	Second	Course 203-204	6 credits
year	Course 103-104	2 credits	year		

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 Instrumental Ensemble and/or Choral Ensemble.

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

(b) 1. With applied concentration in Instrumental Ensemble—adequate knowledge of orchestral strings and proficiency in the playing of a chosen instrument, both determinable by examination.

2. With applied concentration in Choral Ensemble—adequate knowledge of piano and voice, both determinable by 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 College 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 105-106 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 NORBORG

A major in this department must include courses 205, 209, 220, 311-312. A minor must include courses 209, 220, 311-312.

- 205R. Ethics.**— MR. NORBORG
 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.**— MR. BROWN
 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.**— MR. BROWN
 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 to help the student in some constructive thinking about them.
 Either semester, three hours a week, three credits.
- 311-312. History of Philosophy.**— MR. BROWN
 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 Descartes. 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 1941-1942.
- 331. Philosophy of History.**— MR. NORBORG
 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.

- 340. The Philosophy of Plato.**— MR. NORBORG
A concentrated study of the Platonic dialogues with special reference to the character of Socrates and later to the analysis of the unity of the thought of Plato.
Prerequisite, fifty-four credits and consent of instructor. Second semester, three hours a week, three credits.
- 403, 404. Individual Course.**— MR. BROWN AND MR. NORBORG
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, potentiometers, 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 AND PRESIDENT TURCK

A major in Political Science consists of at least twenty credits, and must include courses 201, 209 and 351 or 352. A minor consists of twelve credits and must include courses 201, 209 and 351 or 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 201, 209, 301, 351 or 352, and Economics 231-232, 339 or 376. A combined minor consists of fifteen credits, and must include Political Science 201, 209, Economics 231-232, and a 300 course from one of the departments.

201R. Introduction to Government and Politics.—MR. BOGGS

A general course covering the entire field of politics, government, and citizenship, designed as a survey for those able to take only one course in the department, and as an introduction for those planning to elect advanced courses in political science.

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

209R. American Government.—

MR. BOGGS

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.

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

284. Public Administration.—

MR. BOGGS

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 209. Second semester, three hours a week, three credits. Not offered 1941-1942.

- 301. Comparative Government.**— MR. BOGGS
 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 201 or 209. First semester, three hours a week, three credits.
- 312. Political Parties, Public Opinion, Propaganda.**— MR. BOGGS
 The activities of political parties and pressure groups in the United States, the conduct of elections, the formation of public opinion, the nature and sources of political propaganda.
 Prerequisite, course 209. Second semester, three hours a week, three credits.
- 351. International Politics.**— MR. BOGGS
 Analysis of international relations in terms of international institutions and procedures, national policies and forces, 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. First semester, three hours a week, three credits.
- 352. The United States in World Affairs Today.**— MR. BOGGS
 An analysis of American foreign policy in contemporary power politics; the bearing of economic and strategic factors; the effect of the policies of other powers upon American policy; national defense, war and peace.
 Prerequisite, thirty credits and consent of instructor. Second semester, three hours a week, three credits.
- 357. Introduction to Political Philosophy.**— MR. TURCK
 Study of the main problems of political values and their implementation, as discussed in the classics of the great political thinkers.
 Prerequisite, course 209 and consent of instructor. First semester, three hours a week, three credits.
- 358. Selected Problems in Modern Political Philosophy.**— MR. TURCK
 An examination of the function of law in the modern state, the concept of sovereignty, the basis of rights and obligations, the nature of justice and the operation of the judicial process.
 Prerequisite, two courses in Political Science and consent of instructor. Second semester, three hours a week, three credits.

- 364. International Law.**— MR. BOGGS
 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 351 or 352. Second semester, three hours a week, three credits. Not offered 1941-1942.
- 452. Seminar in Government.**— MR. BOGGS
 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 Metropolitan Area.**— MR. BOGGS
 Identical with Economics 491-492 and Sociology 491-492. Conferences, reports, readings, seminars and field investigations dealing with the economic, political and social phenomena in the Twin Cities metropolitan region.
 Open to seniors with the permission of the instructors. One year, two, four or six credits (not more than two credits in Political Science).
 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, 301, 303.

Psychology

PROFESSORS FRANKLIN AND REPLOGLE, MR. HUGHES
 AND MR. LINDLEY

A major in this department consists of at least twenty credits, including courses 202R and 310. Biology 204 and 303 are required. Economics 240 and Education 307 are recommended.

For a minor at least twelve credits are required, including course 202R.

Courses in other departments for which credit is given in this department are: Education 201 and Religion 336. Of these either or both may be counted toward a major, but only one may be counted toward a minor.

- 201R. General Psychology.**— THE STAFF
 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.

202R. Advanced General Psychology.— MR. FRANKLIN

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.

305-306. Developmental Psychology.— MR. FRANKLIN

A thorough survey of the individual from prenatal life to old age. First Semester: Study of heredity, prenatal life, infancy and childhood, based upon textbook, lecture material, and observation and report on individual children.

Second Semester: Adolescence, maturity and senescence; typical reactions and conflicts of the periods; social and cultural influences.

Prerequisite, course 201R. One year, three hours a week, six credits. Both semesters required for credit.

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.— MR. FRANKLIN

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.— MR. FRANKLIN

A study of personality development and adjustment; wholesome and unwholesome methods of meeting conflicts; introductory consideration of personality measurement and mental hygiene. Special reference to application of principles to youth problems and fields of vocational choice.

Prerequisite, fifty-four credits, including six in Psychology. First semester, three hours a week, three credits.

- 314. Abnormal Psychology.**— MR. FRANKLIN
 Relation of normal to abnormal behavior; history of theory and treatment of the abnormal; disorders of sensation, perception, association and motor reaction; mental defect and the chief nervous and mental diseases. Theories of causation and methods of treatment; field trips to institutions.

Prerequisite, fifty-four credits, including courses 201R and 313. Second semester, three hours a week, three credits.

- 401, 402. Individual Course.**— MR. FRANKLIN
 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, COLEMAN AND NICHOLS

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. At least six credits must be earned from courses offered in Section A.

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, 313 or 314, 341 and 342. Supporting courses required in other fields are Education 201, Sociology 201, Psychology 305-306.

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. NICHOLS

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. COLEMAN AND MR. NICHOLS

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.
- 338. The Nature of Religious Experience.**— MR. NICHOLS
A comparative study of the religious elements in the lives of Marcus Aurelius, Socrates, Augustine, Francis of Assisi, Blaise Pascal, Luther, Jonathan Edwards and others.
Second semester, three hours a week, three credits. Not offered 1941-1942.

C. The Christian Church at Work

- 313, 314. The Principles of Christian Social Action.**—
MR. MCLEAN AND MR. KAGIN
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.

Secretarial Studies

MISS ADAMS

The courses in Secretarial Studies are designed to prepare students for business careers. A limited number of students who plan to teach commercial education in high school are admitted to the curriculum set forth on page 45. Courses in shorthand and typewriting, which carry no academic credit, are offered as a service for students desiring these skills. Other courses listed below carry academic credit as stated. Students who pursue these courses with a view to teaching must elect their major in the Department of Economics. The courses are arranged to train students not only in technical efficiency, but in the basic principles that control the social organization of business.

202. Business Correspondence.—

Designed chiefly for those who plan to enter business or teaching. Students preparing to teach commercial subjects, should take this course in their sophomore year. The principles and techniques involved in the writing of all types of business letters and reports.

Second semester, two hours a week, two credits.

301-302. Secretarial Procedure.—

Practice in office routine. Presentation of the principles of indexing and filing. Knowledge of the operation of office machines: Dictaphone, Monroe Calculator, Mimeograph, Hectograph, and Ditto.

Prerequisite, senior standing and permission of the instructor. Courses in shorthand and typing are desirable. One year, three hours a week, five credits.

Shorthand 1-2.—

Mastery of the fundamentals of the Gregg system of shorthand.

Prerequisite, junior standing. Required of students preparing to teach commercial subjects in high school. One year, four hours a week, no credit.

Shorthand 3-4.—

Advanced training in shorthand with special attention given to the development of speed and to forms of correspondence.

Prerequisite, Shorthand 1-2. Required of students preparing to teach commercial subjects in high school. One year, three hours a week, no credit.

Typewriting 1-2.—

First semester, basic instruction and practice in typewriting, with stress on accuracy and even touch typing. Second semester, advanced training in typing, emphasizing speed, increased accuracy, and the preparation of business reports and letters.

Prerequisite, junior standing. Required of students preparing to teach commercial subjects in high school. One year, four hours a week, no credit.

Typewriting 3-4.—

Advanced training in typing. Business letters, stencils, rough drafts, legal documents, and other business forms typed.

Prerequisite, Typewriting 1-2. Required of students preparing to teach commercial subjects in high school. One year, two hours a week, no credit.

Teachers' Course.—See Education 481.

Sociology

PROFESSORS CORNELL, KOONTZ AND VISITING PROFESSOR BURGESS

A major consists of twenty credits including courses 203-204, 301, 303 and 308. Twelve credits are required for a minor including courses 203-204 and 301. Economics 240 and Psychology 313 may be offered for credit toward a major in this department. Courses 101-102 and 201 do 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 201 and 209, Psychology 314. Recommended additional courses are: Biology 204 or 303, Economics 339, Education 201, Psychology 305-306, Speech 442 and Physical Education 303-304.

101-102. Our Contemporary Society.—

THE STAFF

A rapid survey of the economic, political and social aspects of group life in the United States today, with special reference to the local community. The second semester is devoted to selected problems and to the development of remedial measures and social planning.

Use is made of a text and collateral reading. Visits are made to furnish first hand observation of social and business institutions. Open to students who are not planning to major or minor in the fields of Economics, Political Science or Sociology. (No credit toward a major or minor in these departments.)

One year, three hours a week, six credits (two credits each to Economics, Political Science and Sociology).

- 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 or consent of instructor. One year, three hours a week, six credits.
- 301. 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. First 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.
- 308. The Family and Marriage.**— MR. CORNELL AND MR. BURGESS
 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. Not offered 1941-1942.

312. Social Planning and Social Values.— MR. BURGESS

Second 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 302 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 Metropolitan Area.— THE STAFF

Identical with Economics 491-492 and Political Science 491-492. Conferences, reports, readings, seminars and field investigations dealing with economic, political and social phenomena in the Twin Cities metropolitan region.

Open to seniors with the permission of the instructors. One year, two, four or six credits (not more than two credits to a department).

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. Not offered 1941-1942.

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 1941-1942.

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 1941-1942.

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, MR. PETZOLD
AND MR. JOHANSEN

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 AND MR. PETZOLD

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. JOHANSEN

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. JOHANSEN
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.**— MR. JOHANSEN
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. Not offered 1941-1942.

343-344. Advanced Interpretation.— 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 course 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.

Civil Aeronautics

Flight training under the Civil Aeronautics Program of the United States Department of Commerce.

In cooperation with the National Defense Program of the government, Macalester College in the fall of 1940 instituted an approved flight training course under the Civil Aeronautics Authority. Under the present contract the course will be offered each

semester for twenty selected students of at least sophomore standing, not more than two of whom may be women. There are no prerequisites, but one year of mathematics and physics is desirable. Students presenting credits in these subjects will be given first consideration.

The course is divided into Ground School instruction, held on the campus, and Flight instruction held at the St. Paul Airport. The subject and hours schedules follow:

Ground School:

Civil Air Regulations.....	24 hours
Navigation.....	24 hours
Meteorology.....	24 hours
Aerodynamics	} 18 hours
Airplane Engines	
Aircraft Instruments	
Parachutes	
Total.....	90 hours

Flight Training:

Taxiing	} Minimum—35 hours Maximum—45 hours
Take-offs	
Landings	
Climbs and Turns	
Glides, Stalls, and Spins	
Cross-Country	

Students who desire to enter the course should obtain application blanks from the office of the Physics Department. Enrollment must be made in both Ground and Flight Schools. Upon satisfactory completion of both units, students will be granted:

- (1) 4 credits in laboratory science, not counted toward a major or minor.
- (2) A Private Pilot's license for Class I Aircraft.

Upon certification by the Civil Aeronautics Authority and approval by the Department of Physics, the Registrar is authorized to grant four elective credits toward graduation for the advanced course in Civil Aeronautics.

Health and Physical Education

PROFESSORS PRIMROSE, SCHELLBERG, OLSON AND MISS MUNCEY

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.)

201R. Coeducational Dancing.— MISS MUNCEY

This course includes various types of folk, social and national dances.

Open to men and women. Either semester, two hours a week, one point.

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 AND MISS MUNCEY

Introductory course in seasonal team and individual sports and rhythms.

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. Individual Sports.—

MISS SCHELLBERG

Instruction in seasonal individual sports: archery, badminton, golf, and tennis.

One year, two hours a week, two points.

201B-202B. The Modern Dance.

MISS MUNCEY

Theory and practice of fundamental body movements and elements of the modern dance. Body coordination, rhythmic response, interpretation of music and emotions through movement.

One year, two hours a week, two points.

201C, 202C. Elementary Swimming.—

MISS SCHELLBERG

For non-swimmers and beginners.

One year, two hours a week, two points.

201D, 202D. Intermediate Swimming.—

MISS SCHELLBERG

Instruction in the standard strokes and elementary diving.

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.

201R. Coeducational Dancing.— MISS MUNCEY
Either semester, two hours a week, one point.

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 MUNCEY

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 intra-mural 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

HELEN HARRIS

Cello

JAMES MESSEAS

Flute

MARY ROBERTS

Voice

CLEMENTINE GIFFORD

MARGARET MARK, 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.

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

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 10, 1940

BACHELOR OF ARTS

Ebba Louise Aberle	Loren Robert Jestus
Margaret Baarsch Adams	Richard Ludvig Johansen
Mary Katherine Allen	<i>cum laude</i>
Mary Margery Allen	Gilbert Edward Johnson
Harlan Garnet Anderson	Howard Kenneth Kaliher
Gustave Herman Apitz	Marion Eloise King
Cesar I. Alcaraz Arroyo	Alfred Shane Kingston
Arthur Edwin Bell	Vivian Althea Kocher
Kenneth Adrian Berg	Frank Joseph Kreysa
William James Bergh	Irene Mae Krosch
Robert Reid Berglund	Harold Wakefield Larson
Henry James Blom	Frances Ellen Lathers
Ferris Cobb Booth, Jr.	Lewis Edmund Lilyquist
<i>cum laude</i>	Sumner Gordon Lind
Zona Beryl Brandt	Robert Eugene Lund
Edgar Carlyle Burseth	Robert Louis Lund
Richard Lincoln Butler	Laura Alice Lundberg
Lester William Carlander, Jr.	Mildred Frances Lunder
<i>magna cum laude</i>	Vernon Walter McCallum
Katherine Edith Clark	Margaret Lee Mark
LuVerne Koenig Clark	Monte Arn Mason
Marion Louise Clark	Margaret Elaine Meyer
<i>cum laude</i>	<i>cum laude</i>
Myrvin Archie DeLapp	Theodore Gunter Mitau
Robert John Dick	<i>magna cum laude</i>
Jean Lynn Eddy	Lawrence Myers
Florence Amelia Ekberg	Donald Raymond Navratil
Norman Kenmore Elliott	Joan Louise Nelson
<i>cum laude</i>	Norma Mabel Ness
Betty Meril Engle	<i>cum laude</i>
Ruby Evelyn Erickson	Arvid Alfred Nielson
Helen Fitzmaurice	Glenn El Rose Oden
Robert Nathaniel Gardner	Ingrid Blanche Olsen
Julius Theodore Gericke	Geraldine Anna-Marie Parker
Freman Walter Gesche	Janet Sutherland Perkins
Homer Ransom Goins	<i>cum laude</i>
Oscar Thaddeus Gustafson	Ralph Hodgdon Pinney
<i>magna cum laude</i>	Margaret Frances Primrose
Alice Ida Haberberg	<i>magna cum laude</i>
LaMoine Garfield Harback	Henry S. Rahn
Hazel Loretta Harvey	Gregg Bedford Rains
Shirley LeRoy Held	Dorothy Jean Robbins
Tenho Everett Hermanson	<i>cum laude</i>
Roswell Philip Ingram, Jr.	James George Rogers
Vivian Marie Jacobs	Robert Walter Sawin
Donald George Henry Jaeckels	Charles Albert Sheldon

(Continued on following page)

Duncan Eliot Slade
 Katherine Evelyn Snyder
 Ruth Marie Stillwell
 Mildred May Thom
 Margaret Jane Tonkin
 June Ina Hope Torrison
 Mary Elizabeth Tripp
cum laude
 John Fagg Voskuil

Alice Lenore Wall
cum laude
 John Arnold Wallace
 Eleanor Marie Warkentien
 Edwin Ray Winter
 Marion Elaine Wooley
 George Henry Ziegler
 Harold Walter Zimmerman
 Inez Ann Zizka

Honorary Degrees

Doctor of Letters—Ann Elizabeth Taylor, New York City.
 Doctor of Letters—Grace Bee Whitridge, St. Paul, Minnesota.

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
Walter John Rock '25.....	Vice-President
Mrs. Alice Flinn-Godfrey '15.....	Secretary
Robert Sinclair Wallace '08.....	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

John Rupert Alfons.....	Chicago, Ill.
Chester Albert Anderson.....	Buffalo, Minn.
Roy Edeburn Arnold.....	Holdingsford, Minn.
Marion Elizabeth Balcome.....	St. Paul, Minn.
Forbes Wilson Ballentine.....	Minneapolis, Minn.
Helen Elizabeth Balmer.....	Pipestone, Minn.
Stanley Clements Banks.....	Winnebago, Minn.
Joan Elizabeth Barton.....	St. Paul, Minn.
John Ward Beebe.....	White Bear Lake, Minn.
Wilbur Allen Boler.....	Anoka, Minn.
Mary Jean Bowe.....	Albertville, Minn.
Raymond Adolphe Boyce.....	Cokato, Minn.
James Vernon Brack.....	St. Paul, Minn.
Harriet Hunter Brown.....	St. Paul, Minn.
Robert Wilcox Buetzberger.....	Minneapolis, Minn.
Janet Marie Buscho.....	Blue Earth, Minn.
Erlyse Eilene Champine.....	Dunnell, Minn.
Marjorie Marie Clements.....	Gaylord, Minn.
Marie Ella Dammann.....	Plato, Minn.
Charles Lawrence Daub.....	Albert Lea, Minn.
Scott Hauxhurst DeLong, Jr.....	Anoka, Minn.
Allen Helmer Dewart.....	St. Paul, Minn.
Mildred Elizabeth Dunkelburger.....	St. Paul, Minn.
Marion Ruth Eichenlaub.....	St. Paul, Minn.
John Arthur Eklund.....	St. Paul, Minn.
Albert Roger Erickson.....	St. Paul, Minn.
Victor Lowrey Erickson.....	Aitkin, Minn.
Thomas William Erskine.....	Grand Rapids, Minn.
Frederick Lehrer Ferlein.....	St. Paul, Minn.
Dorothy Louise Fiddes.....	Jackson, Minn.
Loyal Roy Fields.....	Jasper, 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.
William Wesley Haverstock, Jr.....	Minneapolis, Minn.
Quentin Frank Havlik.....	South St. Paul, Minn.
Philip Carl Hedenstrom.....	Cambridge, Minn.
Jean Christine Heimark.....	Clarkfield, Minn.
Charles William Heller.....	St. Paul, Minn.
Dorothy Yvette Holland.....	Warroad, 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 Jeddeloh	New Richland, Minn.
Ruth Elizabeth Johnson	St. Paul, Minn.
George Peter Katz	St. Paul, Minn.
Floreine Mae Kelly	Elmore, Minn.
Julia Ann Kennedy	South 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.
Audrey Elizabeth Linde	St. Paul, Minn.
Philip Ervin Lindvig	Mora, Minn.
Douglas Martin Lowe	St. Paul, Minn.
Phyllis Ann McFarland	Ellendale, Minn.
Jean Catherine McLeod	Litchfield, Minn.
Margaret Jean McRae	St. Paul, Minn.
William Richard Marvin	St. Paul, Minn.
Dorothy Gwen Matchan	Zumbrota, Minn.
Arthur Edwin Meisel	St. Paul, Minn.
Richard Amos Micka	Silver Lake, Minn.
Kenneth Sherwood Milne	Minneapolis, Minn.
Janet Mary Mitchell	St. Paul, Minn.
James Thomas Moir	Minneapolis, Minn.
Edward Osborne Nelson	St. Paul, Minn.
Janet Adair Nicholson	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.
Carleton Leigh Roberts	St. Louis Park, Minn.
Jean Ellen Robertson	New Ulm, Minn.
Preston Wigginton Rogers	South St. Paul, Minn.
Elizabeth Virginia Rose	St. Paul, Minn.
Stanley Dudley Rosenberry	Winnipeg, Manitoba, Canada
Phyllis Edna Schneider	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.
Don Stuart Williams.....	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.

Junior Class

Carol Elaine Abel.....	St. Paul, Minn.
Roger Gladstone Allen.....	St. Paul, Minn.
Harriet Evelyn Anderson.....	Pierpont, So. Dak.
Virginia Elizabeth Anderson.....	St. Paul, Minn.
Dean Powers Arnold.....	St. Paul, Minn.
Robert George Aufderheide.....	New Ulm, Minn.
Ruth Hertha Aufderheide.....	New Ulm, Minn.
Durant Barclay.....	Marble, Minn.
Eugene Earl Bassett.....	Hinckley, Minn.
Ruth Erika Berlin.....	St. Paul, Minn.
Jeanne Elizabeth Beulke.....	Racine, Wis.
Ervin Frederick Block.....	Nicollet, Minn.
Frances Pauline Bloomfield.....	St. Paul, Minn.
Carol Campbell Brack.....	Staten Island, N. Y.
James McKenzie Brack.....	St. Paul, Minn.
Arvid Robert Brinkman.....	St. Paul, Minn.
Marjorie Bernice Brown.....	St. Paul, Minn.
Lucy Wilson Buck.....	St. Paul, Minn.
Mary Cynthia Burgess.....	St. Paul, Minn.
Emily Mae Buth.....	Faribault, Minn.
William Quincy Chalmers.....	St. Paul, Minn.
Gordon James Clark.....	Hopkins, Minn.
Frederick Manning Coates, Jr.....	St. Paul, Minn.
Mavis Anna Crist.....	Jeffers, Minn.
Mary Phoebe Crum.....	Spring Valley, Minn.
Lois Mae Culligan.....	St. Paul, Minn.
Frank Ernest Daggett.....	St. Paul, Minn.
Laura May Davidson.....	Stewartville, Minn.
Mira Elizabeth Davis.....	Stillwater, Minn.
Willard Henry Ekstrand.....	Cokato, Minn.
Ruth Elizabeth Eldred.....	Bismarck, No. Dak.
Robert Elliott, Jr.....	Minneapolis, Minn.
Gwendolyn Ferne Elrod.....	Minneapolis, Minn.

Cecile Blanche Eng.....	St. Paul, Minn.
Carl Walter Erickson.....	St. Paul, Minn.
James Kenn Figenshau.....	South St. Paul, Minn.
Betty Jane Flad.....	St. Paul, Minn.
John Robert Freeman.....	Albert Lea, Minn.
Elizabeth Hamilton Fulton.....	Virginia, Minn.
Lowell Arthur Gess.....	Nerstrand, Minn.
Winifred Augusta Gibbs.....	Big Lake, Minn.
Alice Hammond Godfrey.....	St. Paul, Minn.
Kenneth Webster Haan.....	St. Paul, Minn.
Harry Alben Hadd.....	St. Paul, Minn.
James Cosgrove Harris.....	Le Sueur, Minn.
Faith Joy Grace Heidinger.....	St. Paul, Minn.
Thomas Wallace Holmes, Jr.....	St. Paul, Minn.
Ronald Mitchell Howard.....	Minneapolis, Minn.
Roger Aaron Hultgren.....	Spicer, Minn.
Margzret Inger Jacobs.....	Willmar, Minn.
Charles Wilber Jarvis.....	Lowry, Minn.
Arthur Harold Johnson.....	Buffalo, Minn.
Eleanor Rose Johnson.....	St. Paul, Minn.
Kenneth Owen Johnson.....	St. Paul, Minn.
Mary Alice Johnson.....	Glen Lake, Minn.
Norman Lowell Kaye.....	St. Paul, Minn.
Margaret Keeley.....	St. Paul, Minn.
Robert Lee King.....	Albert Lea, Minn.
Alex Kiresuk.....	St. Paul, Minn.
Russell Joseph Kotval.....	Vesta, Minn.
Virginia Leach.....	St. Paul, Minn.
Richard Le Roy Le Master.....	St. Paul, Minn.
Otis Arno Loose.....	New Ulm, Minn.
Charles Heberle Ludwig.....	St. Louis Park, Minn.
Ernie George Lustmann.....	Glencoe, Minn.
James Scott McGee.....	St. Paul, Minn.
Marietta Margaret McLearie.....	Rapid City, So. Dak.
Harriet Jean McPhetres.....	Stillwater, Minn.
Virgil Ivor Mann.....	McFarland, Wis.
Carter Jordan Markus.....	St. Paul, Minn.
Francis Bruce Meserve.....	St. Paul, Minn.
Harry Clarence Meyer.....	North St. Paul, Minn.
Dorothy Dorrance Mitchell.....	St. Paul, Minn.
Ruth Elizabeth Nelson.....	Minneapolis, Minn.
Grace Carole Norum.....	St. Paul, Minn.
Joseph Vincent Novak.....	Ely, Minn.
James Francis O'Hare.....	Chicago, Ill.
Alice Dorothy Ostergren.....	St. Paul, Minn.
Collin Edson Ostrander.....	Albert Lea, Minn.
Jack Patnode.....	International Falls, Minn.
Roger William Peterson.....	St. Paul, Minn.
Howard B. Pettersen.....	St. Paul, Minn.
Robert George Rafferty.....	St. Paul, Minn.
Alice Jane Robertson.....	Jackson, Minn.

Perry Justin Robinson.....	Crystal Springs, No. Dak.
Roger Adolf Rohrbacher.....	St. Paul, Minn.
Ellen Marie Rowley.....	St. Paul, Minn.
Carlyle Stanley Rude.....	St. Paul, Minn.
John Manley Runquist.....	Duluth, Minn.
Alan Paul Rusterholz.....	St. Paul, Minn.
Wayne Albert Sater.....	Minneapolis, Minn.
Freeman Clifford Schroder.....	St. Paul, Minn.
Mary Jane Schroeder.....	Stillwater, Minn.
Suzanne Barbara Sherk.....	Cloquet, Minn.
Sidney Swen Shogren.....	North St. Paul, Minn.
Virginia Helene Snyder.....	Minneapolis, Minn.
Robert Elmer Strom.....	McGregor, Minn.
Irma Corrine Swanson.....	Blackberry, Minn.
Cordelia Faith Swinborne.....	St. Paul, Minn.
Rodney Lowell Warner.....	Rockford, Ill.
William Henry A. Watson.....	St. Paul, Minn.
Everett Vernon White.....	Austin, Minn.
James Henry Wood.....	Minneapolis, Minn.
Mildred Louise Wright.....	Minneapolis, Minn.

Sophomore Class

Ray Warren Alcox.....	Chisholm, Minn.
Betty Ella Alexander.....	St. Paul, Minn.
Richard Wayne Alm.....	St. Paul, Minn.
Eileen Dorothy Anderson.....	St. Paul, Minn.
Marjorie Eunice Anderson.....	Minneapolis, Minn.
Marjorie Lois Parish Anderson.....	St. Paul, Minn.
Norval Le Roy Anderson.....	Hudson, Wis.
Philip Algot Anderson, Jr.....	Minneapolis, Minn.
Theodore Winfred Anderson.....	Parkers Prairie, Minn.
Elizabeth Abigail Andrews.....	New Ulm, Minn.
Darell Fredrick Apitz.....	Amboy, Minn.
Virginia Pauline Arends.....	Dilworth, 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.
Barbara Ann Bentz.....	Marble, 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.
Kate Anthony Bradley.....	Duluth, Minn.
Johanna Marian Bratush.....	Eveleth, Minn.
John Edward Bryan.....	Red Wing, Minn.
Eli Clinton Bump.....	St. Paul, Minn.
Robert Cameron Burnes.....	Minneapolis, 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
Miles Morton Clark	St. Paul, Minn.
Ralph Joseph Colaizy	St. Paul, Minn.
Samuel Wainwright Cook	Minneapolis, Minn.
Dean Griffin Corey	Beloit, Wis.
Constance Cronon	Minneapolis, Minn.
Duane Alfred Dahlquist	Hadley, Minn.
Robert Daniel Davies	Minneapolis, Minn.
Barbara Jean Davis	Chicago, Ill.
Harlan Lee Davis	Aberdeen, So. Dak.
Mildred Irene Davis	Minneapolis, Minn.
Thomas Lloyd Davis, Jr.	Wadena, Minn.
Shirley Jean Dawson	St. Paul, Minn.
Gertrude Ruth Dearborn	St. Paul, Minn.
Roland Rufus De Lapp	Luverne, Minn.
Richard Peter De Long	Anoka, Minn.
William John Deurr	Hillman, Minn.
Phyllis Marcharee Dirks	Wayzata, Minn.
Marjorie Bernice Leona Dixon	St. Paul, Minn.
Vernon Albert Doms	Woodstock, Minn.
Delle Tullar Doty	St. Paul, Minn.
James Alexander Dumas	Minneapolis, Minn.
Dora Evelyn Dunn	St. Paul, Minn.
Philander Austin Durkee	St. Paul, Minn.
Robert Oliver Durst	Chokio, Minn.
Robert Amiel Eilefson	Walnut Grove, Minn.
Chester Allen Eklund	St. Paul, Minn.
Vernon Owen Emerson	Minneapolis, Minn.
Edward Lloyd Empenger	St. Paul, Minn.
Ellsworth Woodrow Erickson	South St. Paul, Minn.
Kitty Lou Erickson	St. Paul, Minn.
Charles Edward Fahler	Olivia, Minn.
Phyllis Marie Flohil	Minneapolis, Minn.
Allen Moore Fobes	Redwood Falls, Minn.
Carl Willard Fogelberg	St. Paul, Minn.
Robert Giesness Frarey	Virginia, Minn.
Kathryn Madora Frohlich	Rapid City, So. Dak.
Curtis Edwin Fuller	St. Paul, Minn.
Doris May Fuller	St. Paul, Minn.
Ellen Harriet Fuller	St. Paul, Minn.
Lois Lorraine Galle	North St. Paul, Minn.
John Habighorst Gerberding	St. Paul, Minn.
Charles Jan Gilbert	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.
William Beal Grobe	Duluth, Minn.
Shirley Alice Hadd	St. Paul, Minn.
Helen Ruth Haeusler	White Bear, Minn.
Lyle James Hals	Rush City, Minn.
John Allen Hanner, Jr.	St. Paul, Minn.
Kenneth Eugene Hanson	St. Paul, Minn.
Clerc Morgan Harmon, Jr.	St. Paul, Minn.
Lawrence Clifford Hedeon	St. Paul, Minn.
Leonard Donnell Hegnauer	Minneapolis, Minn.
Margaret Lois Henry	St. Paul, Minn.
Elizabeth Alice Hilts	Owen, Wis.
Roscoe Harold Hoiosen	Madelia, Minn.
Kenneth Levi Houg	Minneapolis, Minn.
Virginia Louise Howard	St. Paul, Minn.
Jeanne Emilie Hullsiek	St. Paul, Minn.
Freed Keith Hunt	Big Lake, Minn.
Robert Preston Jackson	St. Paul, Minn.
John William James	Lake Crystal, Minn.
Benjamin William Joern	St. Paul, Minn.
Frederick Otto Joerns	St. Paul, Minn.
Donald Worth Johnson	Wolf Point, Mont.
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.
Dorothy Alma Kircher	Olivia, Minn.
Ruth Margaret Knott	Raymond, Minn.
John George Kromschroeder	St. Paul, Minn.
Margaret Nina Krosch	Blue Earth, Minn.
Hugh Worthington Lange	St. Paul, Minn.
George Squire Leavitt	St. Paul, Minn.
Lois Ruth Libby	St. Paul, Minn.
John Frederick Lindquist	Harris, Minn.
Frank Frederick Logman, Jr.	St. Paul, Minn.
David Risser Lyksett	Hudson, Wis.
Charles Burton McAllister	St. Paul, Minn.
John Paul McGee	St. Paul, Minn.
Edward McGovern	St. Paul, Minn.
Elizabeth Jean MacKnight	St. Paul, Minn.
Malcolm Bruce MacLeod	St. Paul, Minn.
Robert Owen McLeod	Pine City, Minn.
Paul MacMullan	Minneapolis, 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.
Joyce Ione Moulton	Rush City, Minn.
Edward Philip Munday	St. Paul, Minn.
Robert Barnard Munday	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.
Ivan Winston Nelson	Evansville, Minn.
Rhoda Jeanne Norberg	St. Paul, Minn.
Edgar Robert Norris	St. Paul, Minn.
Frederick Robert Oberschulte	St. Paul, Minn.
Frederica Marguerite Ohnstad	Sharon, No. Dak.
Mary Ellen O'Jala	St. Paul Minn.
Gunvor Lorraine Olson	Minneapolis, Minn.
Marion Olive Ostergren	St. Paul, Minn.
Jeanette Gudrun Ouren	Hanska, Minn.
Burton Eugene Paulsen	Minneapolis, Minn.
Miriam Ella Peake	Eufaula, Ala.
Leon Ward Pease	Olivia, Minn.
Marjory May Peavey	Ladysmith, Wis.
Rosemary Pennington	Rochester, Minn.
Norma Audrey Penschuck	St. Paul, Minn.
Keith John Petersen	St. Paul, Minn.
Norma Madelyn Petersen	Springfield, Minn.
Bernice Inez Juanita Peterson	Parkers Prairie, Minn.
Carol Maxine Peterson	Lake City, Minn.
Clarke Stanton Peterson	St. Paul, 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.
Helen June Primrose	St. Paul, Minn.
James Arthur Rafferty	St. Paul, Minn.
Aileen Thelma Reichert	Marshall, Minn.
Ruth Alice Richter	Hunter, No. Dak.
Don John Riesberg	Hutchinson, Minn.
Robert Vincent Rollin	Minneapolis, Minn.
Bettie Virginia Rowe	Winona, Minn.
David Frank Saunders	Parkers Prairie, Minn.
George Edward Schafer	St. Paul, Minn.
Rose Esther Setterberg	Slayton, Minn.
Elaine Irene Sharp	Sioux Falls, So. Dak.
Madelyn Florence Silver	St. Paul, Minn.
Robert E. Siman	Minneapolis, Minn.
Ruth Margaret Simpson	Fairmont, Minn.
Marjorie Gae Slater	St. Paul, Minn.
Betty Jean Smith	St. Paul, Minn.
Byron Lee Smith	Mankato, Minn.
Robert Clifford Smith	Aberdeen, So. Dak.

Robert Marvin Smith	St. Paul, Minn.
Elizabeth May Sperling	Minneapolis, Minn.
Carol Harriet Steuck	Minneapolis, Minn.
Robert Oscar Strauch	St. Paul, Minn.
Alice Virginia Sullivan	Blackduck, Minn.
Marian Joanne Temple	South St. Paul, Minn.
Charles Jerome Timberlake	St. Paul, Minn.
Lloyd Delbert Tracy	Hutchinson, Minn.
Bettye Margaret Tucker	Minneapolis, Minn.
Phyllis Jean Tucker	St. Paul, Minn.
Lois Carolyn Tverberg	Grafton, No. Dak.
Caryl Marion Vermilya	St. Paul, Minn.
Ethel Lucille Wagner	Garden City, So. Dak.
Arline Elsie Waller	Redwood Falls, Minn.
William Milo Watson	Minneapolis, Minn.
John David Wellman	Montevideo, Minn.
Weston Werner	Chaska, Minn.
Betty Jane Westman	St. Paul, Minn.
Catherine Frances Wetteland	St. Paul, Minn.
Jean Ruth Wetterlin	Minneapolis, Minn.
Elmer Lyle Whyte	St. Paul, 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.
Virginia Ruth Wolfangle	St. Paul, Minn.
Revoida Mae Wright	St. Paul, Minn.
William Charles Wright	Hudson, Wis.
Russell H. Wulff	Albert Lea, Minn.
Bonnie Mae Wyatt	St. Paul, Minn.
Ansel Charles Zehm	South St. Paul, Minn.

Freshman Class

Dean Hartley Aarvig	Willmar, Minn.
Mary Rebecca Allen	Guthrie, Minn.
Jeanne Marjorie Alm	St. Paul, Minn.
Virginia Helen Anacker	Elk River, Minn.
Louise Elaine Anderson	St. Paul, Minn.
Robert Stuart Anderson	St. Paul, Minn.
Beulah Andrews	Shelbyville, Ind.
Burton Charles Baker	St. Paul, Minn.
Phyllis Gene Bambusch	St. Paul, Minn.
Warren Franklin Bateman	South St. Paul, Minn.
Verna Janet Becker	Marion, So. Dak.
Russell Sterling Beckwith	South St. Paul, Minn.
Margaret Christine Bell	St. Paul, Minn.
Mary Katherine Beyrer	St. Paul, Minn.
Dorothy Lorraine Biscoe	Moose Lake, Minn.
Carol Luverne Bloomgren	Dalbo, Minn.
Marjorie Broun	Battle Lake, Minn.

Gordon Lawrence Brownlee	St. Paul, Minn.
Orvilla Ann Brunskill	South St. Paul, Minn.
Margaret Catherine Buck	St. Paul, Minn.
Ernie Emil Bullert	Glencoe, Minn.
Jeanne Agnes Busse	Le Sueur, Minn.
Donald Shaw Cameron	St. Paul, Minn.
Charles Dougherty Cannons	St. Paul, Minn.
Betty Ann Carlson	Minneapolis, Minn.
Robert Eugene Carter	St. Paul, Minn.
Thomas Eugene Cassidy	Faribault, Minn.
Fayette Bradley Castle	Stillwater, Minn.
Ellen Betty Christensen	Mason City, Iowa
Eric Henry Clamons	St. Paul, Minn.
John Alexander Clark	Kobe, Japan
Pansy Louise Clark	St. Paul, Minn.
John Clipson	Redwood Falls, Minn.
Elizabeth Ann Clymer	St. Paul, Minn.
Jeanne Harriet Collar	St. Paul, Minn.
James John Collins	Hinckley, Minn.
James Elmer Comer	St. Paul, Minn.
Patricia Ann Copeland	St. Paul, Minn.
Ferne Lucille Coulter	Lamberton, Minn.
Charles Carnegie Crandall	Buffalo, Minn.
Jane McKay Crichton	St. Paul, Minn.
Helen Hunt Dahms	Aitkin, Minn.
Gilbert Herman Dammann	Plato, Minn.
Bruce Harry Dando	St. Paul, Minn.
Alvin Monroe Davis	Akeley, Minn.
Robert Eugene Davis	Wadena, Minn.
Shirley May De Freece	St. Paul, Minn.
Mildred Elaine De Grote	Clara City, Minn.
Nancy Jane Dorer	Minneapolis, Minn.
Fred George Dumas	Minneapolis, Minn.
Margaret Ann Durkee	Pine River, Minn.
Betty Jane Earhuff	St. Paul, Minn.
Lael E. Ebert	Rock Creek, Minn.
Laurie Joy Ekstrand	St. Paul, Minn.
Martha Ann Elliott	Minneapolis, Minn.
Frank Brooks Evans	Ponsford, Minn.
Roberta Jane Everett	Hopkins, Minn.
Le Roy Andrew Falk	Minneapolis, Minn.
Ernestine Erika Fischer	Innisbruck, Austria
Irene Marie Fisher	St. Paul, Minn.
Richard Norman Flaa	St. Paul, Minn.
Maurice Flasher	St. Paul, Minn.
Marilynn Julia Florine	Lake City, Minn.
Constance Marie Frey	St. Paul, Minn.
Robert Laurence Fricke	Minneapolis, Minn.
Robert Eugene Frolund	Minneapolis, Minn.
Lois Etta Frommer	St. Paul, Minn.
June Marguerite Furber	Hastings, Minn.

Russell Ross Garrett	Minneapolis, Minn.
Lois Pauline Gassman	St. Paul, Minn.
Jeanne Eloise Gaw	Minneapolis, Minn.
Arvin Thomas Gearman	St. Paul, Minn.
John Franklin Giblette	Mora, Minn.
Marjorie May Gies	Bloomfield, Nebr.
Joseph Laurence Gillie	Williams, Minn.
Dorothy Jean Golnick	Owatonna, Minn.
George Richard Goltz	Hinckley, Minn.
Helen Mary Gould	Fairmont, Minn.
Daniel Jack Greenwald, Jr.	St. Paul, Minn.
Phyllis Grunert	Danube, Minn.
Mae Kathleen Guenther	Littlefork, Minn.
John Martin Gunsolus, Jr.	East Lake, Minn.
John Wilbert Gustad	St. Paul, Minn.
Leonora Hawthorne Hage	St. Paul, Minn.
Robert William Hales	Park Rapids, Minn.
Inez Maureen Hanscome	White Bear Lake, Minn.
Quinten George Hanson	South St. Paul, Minn.
Richard Leonard Harrington	St. Paul, Minn.
Donald George Hartley	Bingham Lake, Minn.
Marleen Julett Haseth	Sargeant, Minn.
Eleanor Hatlestad	Cottonwood, Minn.
Glory Charlotte Henkel	Milan, Minn.
Norman Ray Hennings	St. Paul, Minn.
Gerald Marius Henriksen	Ringsted, Iowa
Ruth Henry	St. Paul, Minn.
Kathleen Marie Herman	Marshall, Minn.
Richard Eugene Heyne	St. Paul, Minn.
Jack Laurence Hibbard	Minneapolis, Minn.
Jeanette Mae Hicks	Tracy, Minn.
Miles Benjamin Hirschey	Clarissa, Minn.
Doris Ann Hitzemann	St. Paul, Minn.
Kenneth William Hoaglund	Winthrop, Minn.
Robert V. Hoefer	Minneapolis, Minn.
Janet Elizabeth Hohmann	St. Paul, Minn.
Robert Kenneth Hood	Rapid City, So. Dak.
Betty Anne Hopperstad	Oxboro, Minn.
Sanford Henry Hudson	Benson, Minn.
Dorothy Louise Huelster	St. Paul, Minn.
Jeanne Marie Huettl	Mankato, Minn.
Betty Lou Hunter	Aitkin, Minn.
Clyde Howard Jackson	St. Paul, Minn.
Ruth Ardelle Jacobson	Madelia, Minn.
Marion Helen Janssen	St. Paul, Minn.
Maxine Geneva Johnson	St. Paul, Minn.
James Harold Johnston	Glenwood City, Wis.
George William Jones	St. Paul, Minn.
Carol Furlott Kastner	Minneapolis, Minn.
Warren Harding Kaye	St. Paul, Minn.
Robert Dee Kermott	Minot, No. Dak.

Dorothy May Keys.....	St. Paul, Minn.
Dorothy Jeanne King.....	Mankato, Minn.
Donald Chester Kingsley.....	St. Paul, Minn.
Lois Etta Knowles.....	St. Paul, Minn.
William Knowles.....	St. Paul, Minn.
Harry Allen Koch.....	St. Paul, Minn.
Leonard John Kovar.....	Minneapolis, Minn.
Carol Lorraine Kratzke.....	Minneapolis, Minn.
Nona Marie Krejci.....	Milaca, Minn.
Minnie Henrietta Krueger.....	Parkers Prairie, Minn.
Charles Daniels Lackore.....	Chisago City, Minn.
Robert Elling Larsen.....	Minneapolis, Minn.
Robert James Larson.....	St. Paul, Minn.
John Walker Lauer.....	Bismarck, No. Dak.
Marjorie Alice Lee.....	Hudson, Wis.
Daryl E. Lembke.....	Mantorville, Minn.
Charles Frederick Lewis.....	Minneapolis, Minn.
Roger Irving Lienke.....	Windom, Minn.
Alvaro Lievano.....	Bogota, Colombia, So. Amer.
Harry Barnard Lincoln.....	Fergus Falls, Minn.
Carol Suzanne Lloyd.....	Fulda, Minn.
Beverly Lucille Love.....	Luck, Wis.
Beltman Jack Lowrey.....	Wadena, Minn.
Betty Ethelyn Ludvigsen.....	Jackson, Minn.
George Weldon Lund.....	Cumberland, Wis.
Catherine Lillian Lustmann.....	Glencoe, Minn.
George Lindsey McKewin.....	St. Paul, Minn.
Louise Eleanor MacPherson.....	Minneapolis, Minn.
Frederick William Manthey, Jr.....	St. Paul, Minn.
Dorothea Ruth Marvin.....	St. Paul, Minn.
James Aaron Meckel.....	South St. Paul, Minn.
Harry Lewis Merrill.....	Minneapolis, Minn.
Dorothy Mae Merriman.....	Duluth, Minn.
Katherine Fuller Messenger.....	Rochester, New York
Marjorie Mickelson.....	Fosston, Minn.
Mae June Mix.....	St. Paul, Minn.
Dillon Whitaker Moffatt.....	Chokio, Minn.
Thomas Cavett Monteith.....	Hazelton, No. Dak.
Martha Joan Mueller.....	Hannibal, Wis.
Charlotte Ann Murphy.....	Minneapolis, Minn.
Audrey Jane Murray.....	Moorhead, Minn.
Delores Maxine Nelson.....	Evansville, Minn.
Lou Ella Agnes Nelson.....	Clarks Grove, Minn.
Stewart Richard Nelson.....	St. Paul, Minn.
Sylvia LuVern Ness.....	Fertile, Minn.
Marian Jane Newell.....	Slayton, Minn.
Bertwin William Nippoldt.....	Lake Elmo, Minn.
William Henry O'Brien.....	South St. Paul, Minn.
Albert George Ofstad.....	Minneapolis, Minn.
Marjorie Ann Ofstie.....	Grand Rapids, Minn.
Robert Frederic Ohlsen.....	Marshall, Minn.

Audrey Lillian Olsen	Minneapolis, Minn.
Arline Thyra Osgard	St. Paul, Minn.
Muriel Elizabeth Owen	Lime Springs, Iowa
Alfred Koping Owyang	Shanghai, China
George Frank Panuska	St. Paul, Minn.
Vaceles Theodora Pappas	Minneapolis, Minn.
Charles Richard Penson	St. Paul, Minn.
Dominic Joseph Perozino	St. Paul, Minn.
Beryce Elaine Perry	Wykoff, Minn.
Ethel Marie Peterson	Atwater, Minn.
June Clare Phillips	Willernie, Minn.
John Robert Powers	Madelia, Minn.
Ronald Watson Powers	St. Paul, Minn.
Dorothy Joanne Price	St. Paul, Minn.
Lois Irene Raddatz	Stillwater, Minn.
Leo Gerald Rafferty	St. Paul, Minn.
Bernice Alice Rauschnot	Mendota, Minn.
Elizabeth Ann Raybourn	Sedan, Kansas
Jane Ann Reichard	Minneapolis, Minn.
John George Rhymer, Jr.	Minneapolis, Minn.
Gerald Edward Richards	St. Paul, Minn.
Arabelle Leonora Robertson	Minneapolis, Minn.
Mary Jean Rogers	Redwood Falls, Minn.
Edith Elaine Rowley	St. Paul, Minn.
Fidelis Anne Rudloff	Lake Crystal, Minn.
Eibert Gerald Ruis	Milaca, Minn.
Robert Eugene Sacks	Pipestone, Minn.
Russell Edwin Sargent	Red Wing, Minn.
John Robert Schelander	Bayport, Minn.
Royal Clifford Schendel	St. Paul, Minn.
Rodney Allen Schmidt	Minneapolis, Minn.
Albert Schwartz	St. Paul, Minn.
Jean Isabelle Shannon	Pierpont, So. Dak.
Carol Elizabeth Sherman	Dryden, Wash.
Frederic Howard Silvis	St. Paul, Minn.
Mavajean Simpson	St. Paul, Minn.
Donna Miriam Smith	Blooming Prairie, Minn.
Gladys Margaret Smith	Crosby, Minn.
Patricia May Smith	Billings, Mont.
Phyllis Margaret Snyder	St. Paul, Minn.
Robert Le Roy Spading	Douglas, Minn.
Arvel Meryl Steece	Aitkin, Minn.
Mary Lou Stork	St. Paul, Minn.
Herman Raymond Straka	St. Paul, Minn.
Charles Donovan Summers	Lake Crystal, Minn.
Lawrence John Swanson	South St. Paul, Minn.
Harold Goodman Swennes	Hinckley, Minn.
Roger James Tallmadge	Robbinsdale, Minn.
Phyllis Louise Tayler	St. Paul, Minn.
Arthur Ernest Thom	St. Paul, Minn.
Kathlyne Louise Thompson	Minneapolis, Minn.

Norma Mae Thorgrimson	Minneapolis, Minn.
Cecil Arthur Thornton	Minneapolis, Minn.
Betty Jane Topel	Balaton, Minn.
Evelyn Esther Tschida	St. Paul, Minn.
Robert Burns Tubbesing	Red Wing, Minn.
Elizabeth Murray Turner	Duluth, Minn.
Marjorie Carol Vose	White Bear, Minn.
Donald Raymond Wahlund	St. Paul, Minn.
Milo Verlyn Wakefield	Willmar, Minn.
Gayle Louise Walker	Adams, Minn.
Harriet Kathryn Walz	Pipestone, Minn.
Miles Jerome Wangenstein	St. Paul, Minn.
Lavonne Adair Wessell	Jeffers, Minn.
George Hilner Westlund	Parkers Prairie, Minn.
George Willis Wheeler	Kasson, Minn.
Margaret Kathryn Whiting	Clitherall, Minn.
Virginia Rae Wildung	Luverne, Minn.
Kathryn Frances Williams	Mankato, Minn.
Clarke Swering Willson	Spring Valley, Minn.
Howard Raymond Wilson	Minneapolis, Minn.
Betty Gayle Winzeler	Forsyth, Mont.
Rudolph William Wolfgram	St. Paul, Minn.
Iver Franklin Yeager	Maurine, So. Dak.
Elizabeth Strother Yeats	New York, N. Y.
Rene Harold Zumhagen	Oregon, Ill.

Special Students

Mabel Lillian Anderson	Minneapolis, Minn.
Esther Deakin Donnelly	St. Paul, Minn.
Mrs. Marion Conolly Faricy	St. Paul, Minn.
Ida Geraldine Garrison	St. Paul, Minn.
Dorothy Haxton	St. Paul, Minn.
Mrs. Sadie G. Henly	St. Paul, Minn.
Kenneth C. Larson	St. Paul, Minn.
Mrs. A. Lehr	St. Paul, Minn.
Katherine Lightner	St. Paul, Minn.
Herman Albert Petzold, Jr.	St. Paul, Minn.
Kate Schuneman	St. Paul, Minn.
Donald Oscar Thue	Minneapolis, Minn.
June Ina Hope Torrison	Minneapolis, Minn.

Summary of Students

Freshmen	246
Sophomores	215
Juniors	105
Seniors	115
Special	13
Total	694

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 ofdollars.

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