UNIVERSITY OF WESTERN ONTARIO

LONDON - CANADA

FACULTY of ARTS



UNIVERSITY COLLEGE
ASSUMPTION COLLEGE
URSULINE COLLEGE
WATERLOO COLLEGE
HURON COLLEGE
ALMA COLLEGE

Announcement 1935-1936

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1935

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CALENDAR OF FACULTY OF ARTS

1935

September 2, Monday.....Last day for receiving applications for removal of conditions.

September 9, Monday .....Examinations for removal of conditions begin.

September 21, Saturday.....Registration day for second, third and fourth year students from London. 9-1 o'clock

September 23, Monday.....Registration day for all Freshmen.

September 24, Tuesday.....Registration day for second, third and fourth year students from centres other than London.

September 25, Wednesday.....Lectures begin. Late registration penalty of two dollars.

October 2, Wednesday.....Last day of registration except on penalty of three dollars.
Last day of registration for M.A. candidates.

October.....Thanksgiving Day, holiday.

October 9, Wednesday .....Last day of registration for all except Special Students in the Faculty of Arts.

October 11, Friday, 1.00 p.m...Annual Field Day, half-holiday.

October 25, Friday.....Prize Day Exercises: Autumn Convocation.

December 21, Sat., 1.00 p.m. ..Christmas vacation begins.

1936

January 6, Monday .....Lectures resume.
Last day for submitting outlines for M.A. theses.

January 13, Monday.....Midyear Examinations begin.

January 25, Saturday.....First term ends.

January 29, Wednesday.....Second term begins; second term fees due.

February 1, Saturday .....Last day for payment of second term fees, unless on penalty of one dollar.

April 9, Thursday, 5.00 p.m ...Easter vacation begins.

April 14, Tuesday.....Lectures resume.

May 1, Friday.....M.A. and LL.B. theses due in Registrar's Office.

May 2, Saturday.....Lectures for second term close.

May 11, Monday.....Second term examinations begin.

June 3, Wednesday .....Annual Convocation.

UNIVERSITY OFFICERS OF LEGISLATION

The Board of Governors

THE CHANCELLOR, *ex officio*
THE PRESIDENT, *ex officio*
HIS WORSHIP, THE MAYOR OF LONDON, *ex officio*
THE WARDEN, County of Middlesex, *ex officio*

	Appointed by
DR. CLAUDE BROWN,	*Board of Governors* (1936)
MR. ARTHUR R. FORD,	*Board of Governors* (1935)
MR. FRANK FORRISTAL,	*Lieutenant Governor in Council*
MAJOR GORDON INGRAM,	*London City Council* (1938)
MR. A. T. LITTLE,	*Board of Governors* (1937)
MR. J. P. MOORE, K.C.,	*Lieutenant Governor in Council*
DR. H. T. REASON,	*London City Council* (1936)
MR. E. E. REID,	*London City Council* (1937)
MR. A. E. SILVERWOOD,	*London City Council* (1935)
MR. H. W. STRUDLEY,	*Lieutenant Governor in Council*
MR. ARTHUR W. WHITE,	*Board of Governors* (1937)

Officers of the Board

MR. A. T. LITTLE,	Chairman
MR. ARTHUR W. WHITE,	Vice-Chairman
COL. W. J. BROWN,	Secretary

The Senate

(1934-1936)

The Chancellor, the Vice-Chancellor, the President, the Registrar, the Director of the Summer School, the Director of the Extension Department and the Librarian, *ex officio*.

	Representative of
DEAN K. P. R. NEVILLE,	*Faculty of University College*
PROFESSOR R. C. DEARLE,	*Faculty of University College*
DEAN F. J. H. CAMPBELL,	*Faculty of Medical School*
DR. F. R. MILLER,	*Faculty of Medical School*
DEAN A. J. SLACK,	*Faculty of Public Health*
DR. T. J. MCNALLY,	*Faculty of Public Health*
RIGHT REV. C. A. SEAGER, D.D., LL.D.,	*Council of Huron College*
PRINCIPAL C. C. WALLER, D.D.,	*Council of Huron College*
PRESIDENT F. B. CLAUSEN, D.D.,	*Faculty of Waterloo College*
DEAN W. C. FROATS,	*Faculty of Waterloo College*
PRINCIPAL P. S. DOBSON, D.D.,	*Faculty of Alma College*
PRESIDENT T. A. MACDONALD,	*Faculty of Assumption College*

REV. V. J. GUINAN,	*Faculty of Assumption College*
REV. F. J. BRENNAN,	*Faculty of Ursuline College*
REV. J. H. POCOCK,	*Faculty of Ursuline College*
DR. F. G. WAIDE,	*Graduates of University College*
DR. S. M. FISHER,	*Graduates of Medical School*
VEN. ARCHDEACON W. J. DOHERTY, D.D.,	*Graduates of Huron College*
MR. D. DENEAU,	*Graduates of Assumption College*
DR. E. LOUGHLIN	*Graduates of Ursuline College*
PROFESSOR C. KLINCK,	*Graduates of Waterloo College*
DR. R. J. GORDON,	*Graduates in Public Health*
DR. CLAUDE BROWN,	*Board of Governors*
MR. E. E. REID,	*Board of Governors*
MR. J. S. LOVELL,	*London Board of Education*
REV. J. A. COOK,	*London Separate School Board*
DR. L. S. HOLMES,	*City Council of London*
DR. W. J. STEVENSON,	*City Council of London*
MR. A. M. TOWE,	*City Council of London*
DR. C. J. A. MCKILLOP,	*City Council of St. Thomas*
MR. H. CONN,	*City Council of Sarnia*
MR. C. R. WIDDIFIELD,	*City Council of Galt*
DR. W. V. HARCOURT,	*City Council of Guelph*
REV. S. H. COLEMAN,	*City Council of Brantford*
MR. W. N. SEXSMITH,	*City Council of Chatham*
DR. R. S. MURRAY,	*City Council of Stratford*
REV. CANON P. N. HARDING,	*City Council of Windsor*
MR. E. P. HODGINS,	*City Council of Woodstock*
MR. C. MACFIE, M.L.A.,	*County Council of Middlesex*
MR. E. S. LIVERMORE,	*County Council of Elgin*
MR. G. W. HOLMAN,	*County Council of Huron*
MR. A. B. LUCAS,	*County Council of Kent*
MR. T. E. LANGFORD,	*County Council of Norfolk*
MR. A. E. ROTH,	*County Council of Oxford*
DR. G. H. JOSE,	*County Council of Perth*
MR. W. L. BOWDEN,	*County Council of Essex*
MR. G. L. BRACKENBURY	*Principals, Secondary Schools*
MR. E. A. MILLER,	*Principals, Secondary Schools*
MR. A. M. OVERHOLT, LL.D.,	*Principals, Secondary Schools*
MR. D. A. SUTHERLAND,	*Principals, Secondary Schools*

Officers of the Senate

Chairman,	the President
Secretary,	the Registrar

Executive Committee—The Chancellor; the Vice-Chancellor; the President; the Secretary; the Head (or his Deputy) of University College, Medical School, Faculty of Public Health, Ursuline College, Assumption College, Huron College, Waterloo College.

UNIVERSITY OFFICERS OF ADMINISTRATION

(Date of first appointment is given. Unless otherwise stated, the degrees are from the University of Western Ontario).

Visitor

HIS HONOUR, THE LIEUTENANT GOVERNOR OF ONTARIO.
Toronto, Ontario.

Chancellor

COL. THE HONOURABLE HENRY COCKSHUTT, LL.D.
Brantford, Ontario.

LL.D., 1926. 1929

President

WILLIAM SHERWOOD FOX, PH.D., D.LITT., LL.D., F.R.S.C.
270 Regent St.

B.A., McMaster, 1900; M.A., *ibid.*, 1906; Ph.D., Johns Hopkins, 1911; F.R.S.C., 1922; D.Litt., McMaster, 1923; LL.D., Queen's, 1929; Professor of Classics, 1917; Dean, University College of Arts, 1919; President, 1927. 1917

Bursar

WILLIAM WAUGH, M.D., LL.D.
537 Talbot St.

M.D., McGill, 1872; LL.D., 1919. 1917

Registrar

KENNETH PERCIVAL RUTHERFORD NEVILLE, M.A., PH.D.
R. R. No. 3, London.

B.A., Queen's, 1896; M.A., *ibid.*, 1897; B.A., Harvard, 1898; M.A., *ibid.*, 1899; Ph.D., Cornell, 1901; F.A.G.S., 1921; Professor of Classics, 1908; Registrar of the University, 1917; Dean, University College of Arts, 1927. 1908

Executive Secretary

COL. WALTER JAMES BROWN, B.S.A., LL.M., F.C.I.S.
1006 Wellington St.

B.S.A., Toronto, 1894; LL.M., Chicago Law School, 1898; F.C.I.S., 1926. 1920

Librarian

FRED LANDON, M.A., F.R.S.C.
846 Hellmuth Ave.

B.A., 1906; M.A., 1919; F.R.S.C., 1929. 1917

Director of Extension Department

STAR FLOYD MAINE, M.A., B.D., PH.D.
257 Huron St.

B.A., 1917; B.D., Victoria, 1919; M.A., Chicago, 1922; Ph.D., Chicago, 1932. 1926

Adviser to Women

ADA DOROTHY TURVILLE, M.A., PH.D.
Oxford St., West
B.A., 1917: M.A., Columbia, 1921; Ph.D., *ibid.*, 1925. 1924

Administrative Council

PRESIDENT FOX, Chairman; DEANS CAMPBELL, NEVILLE, SLACK; DR. TURVILLE; PROFESSOR A. G. DORLAND, Secretary.

Other Officials

HELEN M. ALLISON, *Associate Registrar*
11 Regina St.
B.A., 1924. 1924

*GWYNEDD AUDEN, *Assistant in Library*
236 St. George St.
1922

GLAD BAILEY, *Secretary to Superintendent of Buildings*
196½ Central Ave.
1933

LILLIAN BENSON, *Secretary to the Dept. of Physical Education*
40 Alma St.
B.A., 1933. 1934

GERTRUDE BURROWS, *Secretary to Alumni Director*
5 Partridge St.
1927

MAY CALDWELL, *Secretary to the Executive Secretary*
R. R. No. 1, Wilton Grove
1923

CATHERINE CAMPBELL, *Assistant in Library*
424 St. George St.
B.A. 1922. 1923

EDITH CROCKFORD, *Secretary to the Director of Physical Education*
24 Rathgar St.
1922

WILLIAM JOHN CURNOE, *Asst. Supt. of Buildings*
University Campus
1924

*First Term.

WINIFRED DAWSON, *Bookkeeper*
Pipe Line Road
1924

JOHN ATKIN DOBIE, *Superintendent of Buildings*
University Campus
1923

JOHN MACKENZIE DOBSON, *Alumni Director*
316 Wharncliffe Rd., N.
B.A., 1926; L.Th. (Huron), 1926. 1929

JEAN DOHERTY, *Secretary to the President*
1061 Waterloo St.
B.A., 1933. 1933

PAULINE FAUST, *Secretary to Science Staff*
25 Marley Place
B.A., 1932. 1932

KATE M. GILLESPIE, *Assistant Librarian*
164 Albert St.
B.A., McGill, 1921. 1922

RUTHE HAYES, *Assistant to the Registrar*
318 Hyman St.
B.A., 1932. 1932

RUTH WIGMORE HEAVEY, *Secretary to the Executive Secretary*
351½ Princess Ave.
1930

OLIVE M. HODGINS, *Secretary to the Director of Summer School and Extramural Dept.*
1199 Richmond St.
1924

MARY HUTCHISON, *Secretary to Science Staff*
300 Queen's Ave.
B.A., 1932. 1932

ANNIE LAURIE, *Assistant in Supply Store*
373 Huron St.
1929

MARY LINDSAY, *Assistant in Supply Store*
208 Bernard Ave.
1925

WILLIAM MARSDEN, *Superintendent of Grounds*
University Campus
1925

WILLIAM H. MACLEOD,
Chief Clerk in Executive Secretary's Dept.
314 Queen's Ave.
1926

OLGA ALICE MILLER,
Assistant Registrar
6 Victoria Apts., Queen's Ave.
B.A., 1928. 1933

MARGARET MORGAN,
Assistant to the Registrar
828 Dufferin Ave.
B.A., 1934. 1934

F. W. PYE,
Instrument Maker
R. R. No. 3, London
1924

GERTRUDE SMITH,
Bookkeeper
30 Evergreen Ave.
1931

ELSIE SUMNER,
Assistant in Library
Ingersoll, Ont.
B.A., Toronto, 1931; B. Lib. Sc. *ibid*, 1932. 1932

MYRA VINCENT,
Switchboard Operator
227 Grey St.
1934

ETHEL K. WALKER,
Accountant
1080A Richmond St.
1924

RUTH CHRISTINE WATSON,
Assistant in Library
238 Piccadilly St.
B.A., 1928. 1928

BEATRICE W. WELLING,
Assistant in Library
1004 Waterloo St.
B.A., New Brunswick, 1909; M.A., Radcliffe, 1912; B.Sc., Simmons, 1916. 1925

GENERAL INFORMATION

ORGANIZATION

The University of Western Ontario is composed of three units: the College of Arts (University College), the Medical School and the Institute of Public Health; affiliated with the University are three colleges teaching full four-year Arts courses, viz. Assumption College, Sandwich; Ursuline College, London; Waterloo College, Waterloo; one Junior College teaching the first two years in Arts only, Alma College, St. Thomas; one theological college, Huron College, London.

HISTORY

Western University, through the efforts of the Bishop of the Diocese of Huron of the Church of England in Canada, received its charter from the Legislature of the Province of Ontario in 1878. The first classes graduated in Arts and in Medicine in 1883.

The Faculty of Medicine has maintained an unbroken existence since it was first opened. Its history has been featured by two outstanding events: in 1912 it changed from a joint stock company to an integral Faculty of the University, under the direct control of the same Board of Governors as the rest of the institution; in 1921 it occupied its present buildings.

The Faculty of Arts, for financial reasons, was forced to close from 1885 to 1895. Revived in the latter year, the Faculty for some time, under most depressing circumstances, was compelled to struggle for its very existence, but in 1908 its charter was amended so that it became absolutely undenominational and was empowered to receive financial assistance from the City Council of London. Later the Province assumed part of the load of current expense when the student body had increased to such an extent that local finances could not possibly meet the demands. The Kingsmill property, north of the City of London, was bought in 1917; buildings were erected, and the Faculty of Arts was moved from downtown to the present location in 1924. The campus is an all-year beauty spot of about 260 acres.

The Institute of Public Health was opened in 1912 in a building erected and equipped by the Government of the Province of Ontario and turned over to the University to "aid Medical Education and promote instructional and practical work in Public Health." It became the Faculty of Public

Health of the University, the first independent Faculty of Public Health in the British Empire, in 1917.

The name of the University was changed from "Western" to "Western Ontario" by Act of the Provincial Legislature in 1923.

OBJECTIVES

The Arts Faculty of the University is primarily concerned with undergraduate instruction leading to a first degree. The purpose of this instruction is to produce personalities of positive value in their life environments. The ideas that should inform this process have been so strikingly stated recently by one of the leaders of educational thought on this continent that they may well be quoted if one would picture adequately the motives that inspire the whole policy of this University.

"The chief needs of public service are five very simple ones: honesty, courage, common sense, knowledge and vision. The character-building forces of the nation—the home, the school, the church, the college—must be depended upon to provide the honesty and the courage. Nature, and nature alone, can furnish the common sense. To honesty, courage and common sense, the University can and should add knowledge and vision."

"The task of the college is, or should be, reasonably definite and well understood. It is to take the youth at about the age when in ancient Rome he put on the *toga virilis* and offer him for three or four years opportunity for carefully directed and supervised study in some part or in many parts of the field of liberal arts and sciences. The purpose of this carefully supervised and directed training is to give him the benefit of his rich human inheritance, so far as that may be practicable, and thereby better to prepare him for such specific task as may await him in the years of mature life. The old days when the substance of this inheritance could be transmitted through a few carefully chosen and prescribed subjects of study have gone forever. They have gone, not because those studies were not excellent in their time, but rather because times have changed and the human inheritance has taken on a more many-sided and richer form than it once was known to have. Nature and its study have offered new and splendid vistas to both knowledge and imagination. The creative arts have unfolded themselves in striking fashion for a century past as educational instrumentalities of highest value. The structure and underlying principles of the social and political

order, first examined and interpreted in classic fashion by Aristotle, have now taken on many new forms and guises, each with its own appeal and its own capacity for usefulness. It is for reasons such as these that the task of the college faculty has become more difficult than ever before, since it must, within a very limited time and for youths from all sorts and conditions of home, family and school background and environment, offer that opportunity to understand and to grasp the rich human inheritance which it is the first business of the college to transmit."

PHYSICAL EXAMINATIONS

A physical examination by practising physicians, under the supervision of the Department of Physical Education, is required for students, men and women, of all years. Physical examinations will be made by appointment during registration week. Students who have registered and who have not been examined during the prescribed period will be required to pay $1.00 for late examination.

No medical fees will be paid from the funds of the Department of Physical Education unless the obligation has been sanctioned in advance by the Director of Physical Education or the department physicians.

STUDENT HEALTH INSURANCE

The scheme of health insurance was designed and is operated for the benefit of the students. The first purpose of it is to protect any student whose academic year or college course may be jeopardized by a serious accident or a prolonged illness. The second is to maintain the health and efficiency of the students. As the student body cannot make a legal contract, the University has made the contract and has also assumed the overhead costs, but the University does not assume any responsibility for claims. This responsibility is borne entirely by the Assurance Company.

The maximum claim for one student is $75.00. For the protection, however, of students engaged in competitive athletics, the Athletic Association pays the Assurance Company an additional premium and then prepares a list of students for whom special protection is provided to a maximum of $150.00 each.

Students registered in affiliated colleges and resident in London or St. Thomas, may secure health insurance.

THE LIBRARIES

The Lawson Memorial Library building, which faces west upon the Mall, was erected in 1934. It contains the general collection of over 100,000 volumes, which are made easily accessible to the students by a tunnel connecting the Library and Arts buildings. The library has reading rooms with seating capacity of upwards of 300, besides which there are fifty carrels in the book-stacks for the use of graduate students and others doing advanced work. The capacity of the stacks is in the neighborhood of 200,000 volumes, these stacks being separated by fire-proof walls from other portions of the library building.

The nucleus of the collection was the private library of the late John Davis Barnett, which was presented to the University in 1918. This collection was exceedingly rich in rare and uncommon works and judicious purchases which have been made in the years since 1918 have resulted in the building up of an excellent working collection of books. Apart from their general utility to faculty and students the book collections are rich and varied in a number of fields. The collection of books relating to Shakespeare is one of the most extensive in Canada. The Canadian and American history and the travel sections are well equipped for purposes of advanced study. In art, music, the history of religion, and classics there are also fine collections.

All students entering the University receive a term of instruction in the use of the library.

The library of the Medical Faculty, housed in the Medical School, contains about 20,000 volumes, its collection of bound scientific journals being one of the best in Canada. In the Institute of Public Health there is also maintained a working collection of books for the use of students and faculty.

In addition to the several University libraries students have access to the resources of the London Public Library and, under certain conditions, to other libraries of a semi-public character in the city.

DEGREES

By its charter the University of Western Ontario may confer degrees in Arts, Medicine, Science, Agriculture, Law, Education and Theology, upon persons who, having complied with the requirements prescribed, are admitted to such degrees by the Senate.

The degrees at present conferred by the University are:

1. Honorary Degrees: *Doctor of Divinity; Doctor of Science; Doctor of Laws.
2. Degrees by examination: Bachelor of Arts (B.A.); Bachelor of Science in Nursing (B.Sc.); *Bachelor of Divinity (B.D.); Bachelor of Laws (LL.B.); Master of Arts (M.A.); Master of Science (M.Sc.); Doctor of Medicine (M.D.); *Doctor of Divinity (D.D.).

The diplomas and certificates awarded by the University are:

Diploma in Business Administration; Diploma of Public Health (D.P.H.); Certificate of Public Health Nurse (C.P.H.N.); Certificate of Instructor in Nursing (C.I.N.); Certificate of Hospital Administration (C.H.A.).

*The degrees so indicated can be conferred by the University only on the recommendation of an affiliated theological college. The last degree, Doctor of Divinity by examination, is under the jurisdiction of the Board of Theological Colleges of the Church of England in Canada.

FACULTY OF ARTS

Faculty Council

Chairman,	THE PRESIDENT
Vice-Chairman,	To be appointed.
Secretary,	THE ASSOCIATE REGISTRAR

DEAN K. P. R. NEVILLE,	*Faculty of University College*
PROFESSOR F. LANDON,	*Faculty of University College*
PRESIDENT T. A. MACDONALD,	*Faculty of Assumption College*
REV. V. J. GUINAN,	*Faculty of Assumption College*
M. M. St. ANNE,	*Faculty of Ursuline College*
RT. REV. A. P. MAHONEY,	*Faculty of Ursuline College*
DEAN W. C. FROATS,	*Faculty of Waterloo College*
PROFESSOR O. F. BALE,	*Faculty of Waterloo College*
PRINCIPAL C. C. WALLER,	*Faculty of Huron College*
PRINCIPAL P. S. DOBSON,	*Faculty of Alma College*

Officers of Administration

University College

(*London, Ontario*)

Dean

K. P. R. NEVILLE, M.A., PH.D.

Secretary

K. W. HUNTEN, M.Sc., PH.D.

Director of Summer School and Extramural Department

H. R. KINGSTON, PH.D., F.R.A.S.

Representative on the University Library Board

W. F. TAMBLYN, PH.D.

Representative on the Athletic Board

N. C. HART, M.A.

Representatives on the University Senate

DEAN K. P. R. NEVILLE, *ex officio*

R. C. DEARLE, PH.D.

For Officers of Instruction, see pp. 22-35.

Alma College

(*St. Thomas, Ontario*)

Principal

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Dean of Residence

MRS. GEORGE J. BLEWETT, B.A.

For Officers of Instruction, see pp. 22-35.

Assumption College

(*Sandwich, Ontario*)

President

VERY REV. T. A. MACDONALD, M.A.

Registrar

REV. V. J. GUINAN, M.A.

Bursar

REV. M. J. RYAN.

For Officers of Instruction, see pp. 22-35.

Huron College

(*London, Ontario*)

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REV. JAMES H. CRAIG, M.A., B.D

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DORIS AUDEN.

For Officers of Instruction, see pp. 22-35.

Holy Names College

(Windsor, Ontario)

(In Affiliation with Assumption College)

Dean

SISTER MARY ELECTA, M.A.

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SISTER MARY TERESA, M.A.

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Waterloo College

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For Officers of Instruction, see pp. 22-35.

FACULTY OF ARTS

Officers of Instruction

Session 1934-1935

(The year of first appointment to University Staff is given. A, in brackets after a name, indicates the staff of Assumption College; C, the staff of University College; U, the staff of Ursuline College; W, the staff of Waterloo College; H, the staff of Huron College. Unless otherwise indicated the degrees have been granted by the University of Western Ontario).

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4 Ardagh Apts.
B.A., Toronto, 1923; M.A., Bryn Mawr, 1925. 1931

SISTER M. ROSALIE (A), *Lecturer in History*
Holy Names College
B.A., Queen's, 1930. 1934

IDA GERTRUDE ROWNTREE (C), *Demonstrator in Chemistry*
546 Queen's Ave.
B.A., 1919. 1920

RUTH ELIZABETH SHARPE (C), *Demonstrator in Botany*
1200 Richmond St.
B.A., Queens, 1933. 1933

JAMES HAROLD SMYTH (W),
Lecturer in Economic and Political Science
B.A., Queen's, 1920; Barrister-at-Law, 1923. 1926

HELEN ELIZABETH SMYTH (C),
Lecturer in English and Sociology
157 Ridout St., S.
B.A., Michigan, 1928; M.A., *ibid*, 1934. 1932

JOHN ALEXANDER STEVENSON (C), *Demonstrator in Zoology*
884 Waterloo St.
B.A., Queen's, 1934. 1934

JOHN WILLIAM SYMONS (C), *Demonstrator in Chemistry*
343 Victoria St.
B.A., 1934. 1934

REV. KENNETH TAYLOR (H), *Lecturer in Religious Education*
1357 Dundas St.
B.A., Queen's, 1920; B.A., Oxon., 1923; M.A., *ibid*, 1926; B.D., 1933. 1932

SISTER M. TERESA (A), *Lecturer in English*
Holy Names College
B.A., Queen's, 1910; M.A., Fordham, 1927; Registrar, Holy Names College. 1934

REV. GEORGE JAMES THOMPSON (A), *Lecturer in Latin*
B.A., Toronto, 1927. 1934

WILSON TOTTEN (C), *Demonstrator in Physics*
280 Wortley Road
B.A., 1933. 1933

MARIANNA SOULE VAN DOREN (A),
Lecturer in Public Speaking
Holy Names College
B.A., Marygrove, 1934. 1934

REV. JOSEPH BASIL WALSH (A), *Lecturer in Classics*
B.A., Toronto, 1914; M.A., Catholic Univ. of America, 1916. 1934

REV. FRANCIS ALOYSIUS WALSH (A),
Lecturer in Religious Knowledge
B.A., 1929. 1934

LEWIS T. WHITE (C), *Demonstrator in Botany*
B.Sc.F., Toronto, 1933: B.A., 1934. 1935

GARNET ALEXANDER WOONTON (C),
Demonstrator and Research Assistant in Physics
228 Raymond Ave.
B.A., 1925; M.A., 1931. 1931

REV. EDWARD YOUNG (A), *Lecturer in English and History*
B.A., Toronto, 1930. 1934

REGULATIONS

MATRICULATION

Subjects: Pass Junior.

A candidate for Pass Matriculation must write upon the examinations conducted by the Department of Education of Ontario in the following subjects of the Middle School:

Latin (Authors, one paper; Composition, one paper);
English (Literature, one paper; Composition, one paper);
History (Canadian, one paper; *Ancient, one paper);
Mathematics (Algebra, one paper; Geometry, one paper);

Any two of:

Greek (Authors, one paper; Composition, one paper);
French (Authors, one paper; Composition, one paper);
German (Authors, one paper; Composition, one paper);
Spanish (Authors, one paper; Composition, one paper);
or
Italian (Authors, one paper; Composition, one paper);
Experimental Science (Physics, one paper; Chemistry, one paper). *or*
Agriculture (Part I, one paper; Part II, one paper).

In certain cases foreign students may present themselves for examination in their language instead of Greek or French or German or Spanish or Italian, when the language and the curriculum in that language have been approved by the Senate. The examination in an approved language consists of two papers similar in character to those in English.

NOTE. Students registered with theological bodies may present First Year Hebrew in lieu of one optional subject.

Subjects: Honour.

A candidate for Honour Matriculation must write upon the examinations conducted by the Department of Education of Ontario in one or more of the following subjects of the Upper School:

Greek (Authors, one paper; Composition, one paper);
Latin (Authors, one paper; Composition, one paper);
English (Literature, one paper; Composition, one paper);
French (Authors, one paper; Composition, one paper);
German (Authors, one paper; Composition, one paper);
Spanish (Authors, one paper; Composition, one paper);
History (one paper);
Mathematics (Algebra, one paper; Geometry, one paper; Trigonometry, one paper);
Physics (one paper);
Chemistry (one paper);
Biology (Botany, one paper; Zoology, one paper);

*Music may be offered as an option for Ancient History.

These examinations, both Pass and Honour, are conducted by the Department of Education at various centres throughout the Province of Ontario in June of each year.

Percentages: Pass Junior.

A candidate for Pass Matriculation will be allowed to write on one or more papers at a time in any order, and on obtaining at least fifty per cent. of the marks assigned to any paper will be given credit for having passed in such paper and will receive a certificate of such standing.

A candidate for Honour Matriculation will be allowed to write on one or more papers at a time in any order.

Percentages: Honour.

In order to secure First Class Honours in a subject a candidate must obtain at one examination at least seventy-five per cent. of the marks assigned to that subject and at least fifty per cent. in each paper of that subject.

In order to secure Second Class Honours in a subject a candidate must obtain at one examination at least sixty-six per cent. of the marks assigned to that subject and at least fifty per cent. in each paper of that subject.

In order to secure Third Class Honours in a subject a candidate must obtain at one examination at least sixty per cent. of the marks assigned to that subject and at least fifty per cent. in each paper of that subject.

A candidate who fails to obtain First, Second or Third Class Honours in a subject under the above regulations, may secure credit for the subject by obtaining at least fifty per cent. on each paper of the subject, not necessarily at one examination.

Such credit in a subject satisfies the Honour Matriculation requirements in that subject and will be accepted by the University for admission to any faculty.

Such credit in a subject will exempt the student from the Pass work of the First Year in that subject (except in the Sciences and History), if it is included in a Junior Group.

Second Class Honours in Botany, Chemistry or Zoology will secure the student exemption (on probation) from the lectures in Botany 10, Chemistry 10 or Zoology 10, respectively, in Junior Group 1.

Third Class Honours in Botany and Zoology will exempt a student from Biological Science in Junior Groups 2, 3 and 4, Third Class Honours in Physics and in Chemistry from Physical Science in Junior Groups 2, 3 and 4.

A candidate who obtains at least forty per cent. in a paper of the Honour Matriculation examination (with the exception of Modern History, Physics, Zoology and Botany) will, if he so desires, receive credit for that paper at the Pass Matriculation examination; a candidate who obtains at least forty per cent. in Modern History of Honour Matriculation, will, if he so desires, receive credit for Canadian History of Pass Matriculation, provided he submits a certificate of standing in Lower School Canadian History.

EQUIVALENT EXAMINATIONS

Certificates which state that a student has passed the subjects common to Pass or Honour Matriculation, and any of the following examinations will be accepted *pro tanto*, if the standards of subjects and percentages meet the requirements of this University.

Province of Ontario: The examinations of Middle and Upper School.

Province of Quebec: The High School Leaving examination; Intermediate School Diploma.

Province of New Brunswick: The examination for First Class, Superior and Grammar School Licenses (Grades XI and XII).

Province of Nova Scotia: The Junior and Senior Leaving examinations (Grades XI and XII).

Province of Manitoba: Grade XI and XII examinations.

Province of British Columbia: Junior and Senior Matriculation examinations.

Province of Prince Edward Island: The First Class Teachers' License examination.

Province of Alberta: Grade XI and Grade XII examinations.

Province of Saskatchewan: The First and Second Class Teachers' examinations; the Junior and Senior Matriculation examinations.

Newfoundland: Junior Matriculation examinations.

The senior local examinations conducted by the University of Oxford and the University of Cambridge may be accepted ***pro tanto.***

A candidate applying for admission on any of the above certificates must submit an official statement of the marks on which the certificates were awarded. For an official examination of other than Ontario certificates, a fee of $2.00 is charged. Credit for this fee is allowed students who subsequently register in the University of Western Ontario.

ADMISSION

Candidates seeking admission on Middle and Upper School Certificates of the Province of Ontario, must present the official evidence of their academic standing to the Registrar, at least two weeks before the opening of the session they wish to attend.

General Course.

Candidates will be admitted to the General Course in Arts if they present certificates of complete Pass Junior Matriculation or the equivalent as outlined on page 36.

Candidates presenting Upper School Certificates or the equivalent in at least four non-Science subjects (not papers), together with complete Pass Junior Matriculation, will receive sufficient credit to enable them to reduce the normal length of their courses by one year.

Honour Courses.

Students who have completed the Junior Group in which they first registered may proceed to a degree in the Senior Group of the General Course (see page 70), or may enter the second year of an Honour course for which they have the specific qualifications (see pages 73-89).

ADVANCED STANDING

From Collegiates.

Candidates presenting Upper School Certificates in Ancient or Modern Languages or Mathematics, or the recognized equivalents of such certificates, may be credited with the corresponding subjects in the Junior Groups. For Sciences, see page 37.

From Universities.

All applications for advanced standing, except on certificates indicated above, must be accompanied by official certificates from the institution where previous work has been done, and be presented to the Registrar not later than September 11. These official documents must include a certificate of honourable dismissal from the institution last attended. No student may register in the University of Western Ontario if he may not re-register in the institution from which he wishes to transfer.

ADULT SPECIAL STUDENTS

Students who are over twenty-one years of age, though they may not be able to present qualifications for admission to candidacy for degrees, may be admitted to classes in the Faculty of Arts of the University, if, in the opinion of the professors in charge, they are qualified to pursue satisfactorily the courses chosen. Such special students must satisfy the professors in regard to regular attendance and attention to the work of their classes. They will not be allowed to advance from year to year in a department without taking the regular examinations.

The adult special student who has satisfactorily completed the work of a Junior Group in the General Course will be considered to have secured standing sufficient to permit his proceeding to a degree on the same terms as one who at entrance presented complete Pass Junior Matriculation.

LENGTH OF COURSES

The General, Secretarial Science and Theological Courses are four-year courses from Pass Junior Matriculation, but they can be completed in three years of satisfactory work by a student who presents a First Class Certificate obtained at the examinations of the Department of Education of the Province of Ontario. The Honour Courses, except as mentioned below, are five-year courses from complete Pass Junior Matriculation or four-year courses from complete Pass Junior Matriculation and Honour Matriculation in four subjects. The Honour Courses in Philosophy, except in University College, require four years from complete Pass Junior Matriculation (see page 85).

EXAMINATIONS

General Courses.

Regular examinations will be held for the General Arts Courses in January and in May. Students must obtain the required percentage, at least 50, both for the first and for the second term's work in each course.

Students in the General Courses will be ranked in order of merit in each course in six grades, A, B, C, D, E, F. The minimum for Grade A is 75 per cent. of the marks obtainable; for Grade B, 66 per cent.; for Grade C, 60 per cent.; for Grade D, the minimum passing grade, 50 per cent. A mark that falls in Grade E, 40 to 49 per cent., entitles the student to a supplemental, subject to the regulations governing supplementals (see page 42). Grade F, less than 40 per cent., indicates a total failure, and the necessity of repeating the course in class.

No student will be admitted to the degree of Bachelor of Arts in the General Course who has not obtained at least Grade D on all the prescribed and elective work of his course and who has not obtained at least Grade C on one-half the credits required for the Senior Group, and Grade C on one-half the credits of his senior year.

Honour Courses.

The regular examinations for the Honour Courses will be held in May; but when an Honour Course or a definite portion of an Honour Course has been completed by the end of the first term, the instructor may set a **final** examination on the completed work. This examination is to be held during the regular January examination period. Third and fourth year Honour Classes may continue without interruption during the mid-year examination period if examinations are not set.

Candidates in the Honour Courses in any department will be ranked in order of merit in that department in four classes; those obtaining 75 per cent. or over of the total number of marks will be placed in Class I; those obtaining 66 per cent. and less than 75 per cent. will be placed in Class II; those who obtain 60 per cent. and less than 66 per cent. will be placed in Class III; those who obtain 50 per cent., the minimum for pass, but less than 60 per cent., will be placed in Class IV; but an average of Class IV over all the honour subjects of the fourth year will entitle the candidate to a General Course and not an Honour Degree. (See page 43).

Comprehensive Examinations.

Various departments of the University College of Arts have introduced comprehensive examinations for Honour students. These examinations, partly oral and partly written, are given at the end of the senior year and cover the broader aspects of the student's entire field. They are additional to the course examinations.

Students entering Honour Courses should observe that the purpose of their college work is not simply the creditable passing of courses term after term, but the gradual acquisition of a broad and deep knowledge of the chosen subjects and an intelligent appreciation of their bearing upon general knowledge and culture.

Term Work.

In all subjects of the General Course, except the sciences, the ratio of term-work marks to examination marks is as 50 to 100. To pass, a student must obtain 50 per cent. on the whole of a subject, with 50 per cent. in term work and 50 per cent. in examinations. In the sciences the ratio of term-work marks to examination marks is determined by the teaching staff in each subject.

In Honour Courses the ratio of term-work marks to examination marks is determined by the teaching staff in the subjects involved.

Term work in a course will not be credited to a student beyond the year in which the course is taken.

SUPPLEMENTALS

A supplemental examination is an examination set on work in which a student has been conditioned. These examinations will be held in September for those who have been conditioned in the first term or in the second term or in the work of the whole year in any course. (See second paragraph under **Failures**, page 43).

A supplemental will be set in May for those candidates for graduation who have been conditioned in work of the first term of their final year. But these students are subject to the same restrictions as are here set down for all other students.

Supplemental examinations will not be allowed any student in more than four credits of work.

Students conditioned at the January or May examinations should attempt to remove their conditions at the supplemental examinations of the next September.

Students whose grade is F may not write a supplemental. They must repeat the course in class.

No supplemental examination will be allowed in Honour subjects except those offered by General Course students to complete the requirements of their course.

SPECIAL EXAMINATIONS

No General Course student may write special examinations on more than four credits of work in one academic year (July 1-June 30).

No Honour Course student may write a special examination in any academic year if he or she has failed in more than one Honour examination paper or has secured less than 35 per cent. on one Honour examination paper.

No special examination will be set within three months of failure.

A student who fails to appear for a paper at the time set in the examination timetable will not be allowed to write on the examination paper thus missed, but will be required to pay a special fee and to write a special examination at a time determined by the Dean in consultation with the department involved.

FAILURES

Any student who at the mid-year examinations of any year fails to get credit for one-half of the work for which he or she is registered may be dropped from the University for the second term of that year, but may re-register for the following winter session. Such student will get no credit for the part of his or her work successfully carried in the first term.

General Course.

Students who fail to obtain 50 per cent. in the regular or supplemental examinations in a course will not be eligible for re-examination without a further year's attendance on the lectures in the course in which they have failed. **Provision must be made by the student to repeat such course the year after failure no matter what subject or subjects must be postponed to make this possible.**

A student may repeat no single course oftener than once.

Subjects which depend directly upon the work of a preceding year may not be taken by a student who has failed in the work of the preceding year. The interpretation and application of this rule rests with the Committee on Academic Standing.

A student who, at the close of the September supplementals, has not obtained standing in at least two-thirds of the credits of his year will not rank academically as a student of the next higher year.

A student who for two consecutive years has failed to obtain credit in one-half the work for which he has registered each year will be automatically dropped from the University. He may not re-register.

A student who has not been granted complete standing in a Junior Group may not take any work in the Senior Group (Page 70).

Honour Course.

A student, in an Honour Course, who for two successive years averages below 60 per cent. in his Honour subjects, or who gets no rating above 59 per cent. in the honour subjects of a year, shall be automatically transferred to the General Course, subject to such conditions and limitations as the Committee on Academic Standing may impose.

A candidate who competes for Honours at the examination for the degree of Bachelor of Arts and fails to obtain the requisite per cent. (60) to entitle him to be classed in Honours may, on the recommendation of the Committee on Academic Stand-

ing, be awarded a degree in the General Course. The candidate may compete again at a subsequent examination for the degree in Honours.

Any student in the third or fourth year in the Faculty of Arts, who shows an unsatisfactory knowledge of spoken or written English, will have to take English 21, or a similar course and remove his condition.

A candidate who fails on the first examination for the degree of Bachelor of Arts will be charged an additional fee of **five dollars** on each subsequent attempt.

ATTENDANCE AT LECTURES

First and second year students who have attended less than 80 per cent. of the lectures in a course **for any term** shall be debarred from taking the regular examinations on that course.

A student to be eligible for a degree, must have attended classes in this University for two academic years or for one academic year and two summer schools or for six summer schools.

APPEALS

The Senate has made regulations governing appeals by students when such action is necessary. A copy of these regulations may be seen in the Registrar's office.

CONDUCT

No student will be registered in any year, or be allowed to continue in attendance after registration, if his presence is deemed to be prejudicial to the interests of the University. Registration in any year does not entitle a student to registration in a subsequent year.

Students are required to conduct themselves in an orderly manner in the lecture rooms and in every other part of the University premises, not only during lectures, but at all times.

The name of the University may not be used in any publication without the permission of the Administrative Council. No class or group of students may engage in any public effort as a body representing the University or any organization within the University, without the permission of the Administrative Council.

The Dean may suspend any student until his case has been considered by the Administrative Council.

GENERAL

When a student begins a foreign language in the University, no credit towards a degree will be given for the first year of that language unless that year is followed by a second year in the same language.

Preparatory Greek is offered as an option in Junior Groups 2, 3 and 4 for students who present for entrance complete Pass Junior Matriculation without Greek. Credit towards a degree for this preparatory Greek will not be given unless it is supplemented by at least two other years of Greek, either New Testament or Classical.

A course that is an optional course need not be given unless it is elected by at least five students.

A student may take only three credits more than the number required for the academic year in which he is registered. Permission to take more than three extra credits may be given by the Academic Standing Committee. For extra credits taken by permission of this Committee, an extra tuition fee of $8.00 a credit and the usual laboratory and caution fees will be charged.

THE EXTRAMURAL DEPARTMENT

An extramural course is one which a student may pursue without attendance upon classes (except as provided below), but in which he must write the examinations at the periods prescribed for resident students. The conditions for admission to such courses are the same as those required for admission to the intramural General Course (see page 39).

No extramural student is eligible for a degree, unless he has attended classes in this University for two academic years or for one academic year and two summer schools, or for six summer sessions.

No student may take intramural and extramural work concurrently.

Extramural courses are of two kinds: (a) complementary extramural courses, and (b) pure extramural courses.

(a) Complementary Extramural Courses

A complementary extramural course completes the work of a summer course. The examination on this complementary course must be written the next May after the summer school

portion of the work; otherwise a Special Examination fee ($15.00) will be charged for a later examination, which will be set on the course outlined in the current Announcement. Credit for the summer school portion of a course cannot be held for more than two calendar years.

The number of credits for a summer school course and its complementary extramural course equals that of the corresponding intramural course.

Students are eligible to begin a complementary extramural course when they have passed the examination of the summer-term course of which it is the complement.

A complementary extramural course has been completed when the student has submitted to the instructor in charge the prescribed exercises, essays, etc., has obtained satisfactory standing therein and has passed the final examination of the course for that year.

(b) Pure Extramural Courses

Pure extramural courses are independent of attendance on classes. Courses in the Sciences (including Psychology), in the elements of any foreign language, and all honour courses not also given as pass courses, are not given extramurally. Students pursuing pure extramural courses are subject to the same regulations about exercises, essays, examinations, etc., as those pursuing complementary extramural courses.

SUMMER SCHOOL

University College offers a summer session which opens in the first or second week in July and continues thereafter for six weeks.

The Summer School is organized especially in the interest of:

I. Teachers who wish to improve their scholarship;

II. Extramural students who find it difficult to give up a whole year at any one time to satisfy the residence requirements for a degree;

III. Students who have received conditions on the regular university work the preceding session; this is the only exception to the rule that no work in the Summer School will be accepted in lieu of any or all of any year's work in an intramural course.

Admission to the Summer School is granted on exactly the same terms as to any winter session.

Students who are not candidates for degrees may be admitted to certain courses if they are qualified to pursue these courses profitably. They are expected to conform to the same rules of attendance and of application to work that are laid down for students who are seeking credit.

Each summer-term course, together with its complementary extramural course, is equal in content and credits to the subject of the intramural course that corresponds to it in prerequisites and in difficulty. With the exception noted in the next paragraph, the work of the summer session in each course counts as one-third or one-half of the requirements for the whole year in that course.

The whole of a course listed in the winter session as a one credit course is covered in the summer session in which the course is offered.

Since no extramural work is offered in the Sciences, a student desiring to obtain the equivalent of one year's work of the General Course in a Science Option must attend two summer sessions.

A student who attends six summer sessions and obtains twenty-four credits for work taken therein satisfies the residence requirement demanded for graduation from this University; if he has proper entrance qualifications, he may proceed to the degree of B.A. in an extramural course. Attendance on classes conducted by the Extension Department (see below) may be counted to make up this number of credits.

The subjects offered in the Summer School are taken from the courses offered in the winter session to the General Course students and from the second year of the Honour Courses that are the academic prerequisites for the qualifying examinations for Specialist Certificates of the Department of Education of Ontario. No work of the third and fourth years of any Honour Course will be offered in Summer School unless it is also part of the General Course.

Complete information about the Summer School and extramural work is contained in the Summer School Announcement and the Bulletin on Summer School and Extramural Work. These may be had by applying to the Registrar or to the Director of the Summer School and Extramural Department.

EXTENSION DEPARTMENT

During the winter session, the University conducts regular weekly credit-classes in several centres in Western Ontario. These classes are taught by members of the University staff and a student who satisfies the attendance requirement and passes the regular University examination can obtain credit for the courses. (For further information write to the Director of the Extension Department).

THE M.A. DEGREE

Academic Qualifications.

A candidate must be a graduate in Arts of this or some other accredited university. A graduate in an Honour Course must have obtained at least Second Class Honours (66 per cent.) in the third and fourth years of his course. A graduate in a General Course must have obtained the standing indicated in the following paragraph and have subsequently completed in attendance a year's work which the committees supervising graduate study think will raise his status to that of a graduate in an Honour Course. This year does not satisfy the attendance requirement (mentioned below) imposed on all candidates for the degree of Master of Arts.

Graduates in Arts of this University, who in the work of the last two years of the General Course (the Senior Group) obtained 66 per cent. of the aggregate possible marks, who did not fall below 60 per cent. in more than six credits, may become candidates for the degree of Master of Arts, but they cannot hope to obtain the degree in less than two years of graduate study.

Graduates of accredited universities who are candidates for the Degree of Master of Arts in this University must furnish official evidence that they have obtained the Degree of B.A., and that their standing in the third and fourth years of their course corresponds to the standard laid down in the preceding paragraphs.

Each candidate must register not later than October 1st; the candidate shall then be placed, by the Council of the Faculty of Arts, under the guidance of two of the professors in whose departments the work to be taken lies, who shall be responsible for conducting the examination and for reporting to the Faculty upon the result of the examination. The examination shall be given during the annual May examinations.

Attendance.

All candidates must be in registered attendance in one of the Colleges of Arts of this University for at least one academic year, under the direction of the Council of the Faculty of Arts, though the work may be spread over two academic years.

Standards

All candidates must take a prescribed course, pass an examination therein and obtain at least Second Class Honours (66 per cent.) in it.

A candidate who passes the examinations of the third and fourth years of the major subject or subjects of an Honour Course other than that in which he obtained Honours at graduation, and who obtains Second Class Honours (66 per cent.) therein and whose thesis is satisfactory, may be granted the Master's Degree.

A candidate who at graduation obtained First Class Honours in each of the third and fourth years of his Honour Course whose thesis is satisfactory and who obtains First Class Honour standing in the examination on his prescribed course may be granted the Degree of Master of Arts with Honours.

Thesis.

Each candidate shall present a thesis embodying the result of his own investigation. The subject of the thesis must lie in the Faculty of Arts and in that part of his course in which the candidate obtained at least 66 per cent. if in an Honour Course, or Grade A rank if in the General Course, in each of the Third and Fourth Years of his course.

Each candidate must submit, to the Registrar, through the committee appointed to supervise his work, an outline of his proposed thesis, not later than January 7th.

A typewritten or printed copy of the completed thesis, bound in the form approved by the Librarian, must be in the hands of the Registrar not later than May 1st, and must be accompanied by the fee of **twenty dollars, ten dollars** of which will be returned to the candidate if unsuccessful.

Upon being approved the thesis shall become the property of the University.

THE LL.B. DEGREE

The academic requirements for permission to register for this degree are:

(a) An Honour Degree in the Department of Economic and Political Science from the University of Western Ontario or some other acceptable university or college.

(b) A certificate of graduation from Osgoode Hall and of admission to the practice of law in the Province of Ontario or equivalent certificates.

The work itself consists of:

(a) Courses of reading and examinations in each of the following subjects (see page 141):

Domestic Relations.
Medical Jurisprudence.
Theory of Obligations.
Corporations.

(b) An approved thesis on an assigned subject.

A typewritten or printed copy of the completed thesis, bound in the form approved by the Librarian, must be in the hands of the Registrar not later than May 1st.

Upon being approved the thesis shall become the property of the University.

For fees, see page 67.

MEDALS, SCHOLARSHIPS AND PRIZES

I. Undergraduate

UNIVERSITY

University Gold Medals for competition in the final year of the Honour Courses offered by University College of Arts, as follows:

Applied Biology;
Botany;
Business Administration;
Chemistry;
Economic and Political Science;
English;
French;
Geology;
German;
Greek;
History;
Latin;
Mathematics;
Philosophy and Psychology;
Physics;
Spanish;
Zoology.

Governor - General's Medal: Fourth Year, General Course.

Typographical Union Medal: Second Year English Composition (English 21).

UNIVERSITY COLLEGE

Scholarships: Fifty dollars each, for General Proficiency in the following:

(a) Junior Group 1.

(b) Junior Group 2 or Junior Group 3.

[The Jewell Scholarship, given in memory of the late Francis G. Jewell, C.A., Auditor of the University.]

(c) Junior Group 4.

[W. J. Roche Scholarship, the gift of the Hon. W. J. Roche, M.D., LL.D., C.M.G., former Chancellor of the University.]

Scholarships: Seventy-five dollars in tuition or Sixty dollars in cash for each of the following:

SECOND YEAR HONOUR COURSES in the Departments of:

Business Administration;
Business and Secretarial Science;
Chemistry;
Classics;
English and French;
English and German or Spanish;
French and German or Spanish;
French and Latin;
Geology;
Philosophy and Psychology;
Romance Languages.

THIRD YEAR HONOUR COURSES in the Departments of:

Business Administration;
Business Administration and Secretarial Science.
Chemistry;
Classics;
English and French;
English and German or Spanish;
French and German or Spanish;
French and Latin;
Geology;
Philosophy and Psychology;
Romance Languages.

The Hon. Edward Blake Scholarship, No. 1: Seventy-five dollars in tuition or Sixty dollars in cash; for Honour Economic and Political Science, Second Year.

The Hon. Edward Blake Scholarship, No. 2: Seventy-five dollars in tuition or Sixty dollars in cash; for Honour Economic and Political Science; Third Year.

[These two Scholarships were endowed by the late Major Hume Cronyn, K.C., M.P., in memory of his uncle, the late Hon. Edward Blake, sometime Premier of Ontario and later member of the British House of Commons.]

The John Gordon McIntosh Scholarship, No. 1: Seventy-five dollars in tuition or Sixty dollars in cash; for Honour Mathematics and Physics; Second Year.

The John Gordon McIntosh Scholarship, No. 2: Seventy-five dollars in tuition or Sixty dollars in cash; for Honour Physics; Third Year.

[These Scholarships were endowed by Mrs. John Gordon McIntosh, of Winnipeg, in memory of her late husband.]

The Albert O. Jeffery Scholarship, No. 1: Seventy-five dollars in tuition or Sixty dollars in cash; for Honour Biology (including B.A., M.D.); Second Year.

The Albert O. Jeffery Scholarship, No. 2: Seventy-five dollars in tuition or Sixty dollars in cash; for Honour Biology (including B.A., M.D.); Third Year.

The Albert O. Jeffery Scholarship, No. 3: Seventy-five dollars in tuition or Sixty dollars in cash; for Honour Mathematics; Third Year.

[These three Scholarships were bequeathed to the University by Mrs. Jeffery as a memorial to her late husband, Mr. Albert O. Jeffery, K.C., D.C.L., LL.D., former President of the London Life Insurance Company.]

William Wyatt Scholarship, No. 1: Seventy-five dollars in tuition or Sixty dollars in cash; for Honour English and History; Second Year.

William Wyatt Scholarship, No. 2: Seventy-five dollars in tuition or Sixty dollars in cash; for Honour English and History; Third Year.

[The capital fund for these Scholarships was bequeathed to the University by the late William Wyatt, of London.]

I. O. D. E. Municipal Chapter Scholarship: Seventy-five dollars; awarded in the autumn to the student registered in the Applied Biology Option who stood highest in Third Year Honour Biology during the preceding session.

[This Scholarship is given annually by the Municipal Chapter, Imperial Order of the Daughters of the Empire, of London.]

Khaki University and Y. M. C. A. Scholarship: Seventy-five dollars; for the highest average obtained by an ex-service man, or the son or daughter of an ex-service man, in any year of any course in University College of Arts.

Sir Wilfred Laurier Memorial Scholarships: Two scholarships, one elementary ($30.00) and one advanced ($50.00); awarded annually for proficiency in French Conversation; open only to Canadian-born English-speaking students, sons or daughters of naturalized British subjects, not of French parentage.

[The capital fund for these scholarships was the gift of the Women's Liberal Association.]

Rev. James MacKay Scholarship: Twenty-five dollars; General Proficiency any year; open only to theological students of the Presbyterian Church.

[Given annually by the Board of New St. James Presbyterian Church, of London, in honour of Rev. James MacKay, D.D., their pastor.]

Saunders Prize: A prize in books (the gift of Sir Charles E. Saunders, LL.D., of Ottawa) will be awarded annually in May to the student submitting the best original essay, short story or sketch in French. Information concerning the conditions of the competition may be obtained from the Head of the Department of Romance Languages.

W. W. Tamblyn Prize: Ten dollars; First Year Public Speaking (English 19).

[The capital fund for this prize was bequeathed to the University by the late W. W. Tamblyn, Esq., of Bowmanville.]

Alumnae Association Prize: Ten dollars; Third Year Canadian History (History 31).

Prizes, Ten dollars each, in:

English 40 and 42 or 48;
History 40 or 45, 46;
English 30;
French 30;
History 30;
English 20;
Latin 20 or Greek 20;
French 20 or German 20;
English 10;
Latin 10 or Greek 10;
Mathematics 10, 12;
Botany 10 or Zoology 10;
Chemistry 10 or Physics 10.

Except in the case of fourth year awards, these Scholarships and Prizes will be paid only to students who are in actual attendance and carrying a full year's work in the University during the year following the award.

Alpha Kappa Psi Medallion: A Medallion, the gift of the Alpha Kappa Psi Fraternity, will be awarded annually to the student in Business Administration, who, upon completion of his Junior Year, has attained the highest two-year average in scholarship. Only male students who have had all their training in this University are eligible for this award.

Alpha Kappa Psi Diplomas: Two Diplomas, the gift of the Alpha Kappa Psi Fraternity, will be awarded annually to the Freshmen who stand highest in the Business Administration

of Junior Group 2 and the Economics of Junior Group 2, respectively. Only male students will be eligible for these awards.

URSULINE COLLEGE

Ursuline College of Arts offers Scholarships of the value of $150.00 each in all the years throughout the undergraduate course; also

The Philip Pocock Inter-Year Scholarship for Day Students, $50.00.

WATERLOO COLLEGE

Potter Scholarship, Fifty dollars; General Proficiency, Second Year.

II. Graduate

The Rhodes Scholarships.

A Rhodes Scholarship is tenable at the University of Oxford and may be held for three years. Since, however, the majority of Rhodes Scholars obtain standing which enables them to take a degree in two years, appointments are made for two years in the first instance, and a Rhodes Scholar who may wish to remain for a third year will be expected to present a definite plan of study for that period satisfactory to his College and to the Rhodes Trustees.

Rhodes Scholars may be allowed, if the conditions are approved by their own College and by the Oxford Secretary to the Rhodes Trustees, either to postpone their third year, returning to Oxford for it after a period of work in their own countries, or to spend their third year in post-graduate work at any University of Great Britain, and in special cases at any University on the continent of Europe, the overseas Dominions, or in the United States, but not in the country of their origin.

The stipend of a Rhodes Scholarship is fixed at £400 per year. At most colleges, and for most men, this sum is not sufficient to meet a Rhodes Scholar's necessary expenses for term-time and vacations, and Scholars who can afford to supplement it by, say, £50 per year from their own resources, will find it advantageous to do so.

CONDITIONS OF ELIGIBILITY: A candidate to be eligible must:

1. Be a British subject, with at least five years' domicile in Canada and unmarried. He must have passed his nineteenth, but not his twenty-fifth birthday on October 1st of the year *for* which he is elected.

2. Have reached such a stage in his course at one of the Universities of Canada that he will have completed at least two years at the University in question by October 1st of the year *for* which he is elected.

   Candidates may apply either for the province in which they have their ordinary private domicile, home, or residence, or for any province in which they have received at least two years of their college education before applying.

In that section of the will in which he defined the general type of scholar he desired, Mr. Rhodes wrote as follows:

"My desire being that the students who shall be elected to the Scholarships shall not be merely bookworms, I direct that in the election of a student to a Scholarship regard shall be had to:

1. His literary and scholastic attainments;

2. His fondness for and success in manly outdoor sports such as cricket, football and the like;

3. His qualities of manhood, truth, courage, devotion to duty, sympathy for and protection of the weak, kindliness, unselfishness and fellowship;

4. His exhibition during school days of moral force of character and of instincts to lead and to take an interest in his schoolmates, for those latter attributes will be likely in after life to guide him to esteem the performance of public duty his highest aim."

Full particulars can be obtained from Henry Borden, Esq., 320 Bay Street, Toronto, Ontario, Secretary of the Selection Committee for the Province of Ontario.

Each candidate for a Scholarship is required to make application to the Secretary of the Committee of Selection of the province in which he wishes to compete not later than November 10th. Application forms may be obtained from the Registrar's Office.

Daughters of the Empire Overseas Scholarship.

As part of their War Memorial the Imperial Order Daughters of the Empire offer annually in each province in Canada a scholarship for one year's post-graduate study in Britain. The value of the scholarship is $1,400.

These scholarships are subject to the following conditions:

1. Candidates may be men or women. They must be British subjects, with at least five years' residence in Canada, and unmarried. Except in the case of a returned soldier, sailor or airman, they must have passed their 19th but not their 27th birthday (in the case of a returned man, the 33rd) in October of the year in which they begin their work in Britain. Each candidate must either hold a degree from a University or College in the Province in which he or she is making application, or be in his or her final year in a course proceeding to a degree.

2. In each province a committee of selection will award the scholarship. Other things being equal, preference will be given to a returned man, his sister, son or daughter. The Committee will consider not only the academic record of the candidate, but his or her character, physical fitness and promise.

3. Applications for this scholarship should be sent, before October 5th, 1935, to the Provincial Educational Secretary, I.O.D.E., Y.W.C.A. Building, Hamilton, Ontario, who will provide additional information about the scholarship.

University Women Federation Scholarship.

Value, one thousand dollars: the scholarship of the Federation of University Women in Canada, available for study or research work, is open to any woman holding a degree from a Canadian university. Preference will be given to candidates who have completed at least one or two years of graduate study and have definite research work in preparation. The award is based on evidence of character and ability of the candidate and promise of success in the subject to which she is devoting herself. Applications must be received not later than February 1st, each year, by the Convener of the Scholarship Committee, Dr. A. V. Douglas, McGill University, Montreal, P. Q.

The letter of application should contain an account of the applicant's educational training and a statement in full of the plan of study or research she intends to pursue. This information should be accompanied by:

1. A written statement from the President or Acting President of the college or university awarding the degrees held by the applicant to the effect that her application as a suitable candidate is approved;

2. Testimonials about her health, character, ability and scholarship;

3. Theses, papers or reports of investigations, published or unpublished. These papers, letters, etc., submitted by the applicant, will be returned if postage is sent for that purpose. Confidential letters sent are kept.

The Committee cannot assume any responsibility for collecting testimonials for an applicant.

The scholarship is payable in two equal instalments on July 1st and January 1st by the Treasurer of the Federation provided the successful applicant sends her address for those dates.

III. Matriculation

Candidates for Matriculation Scholarships must write all the papers on which an award is based. No credits by "recommendation" will be considered.

UNIVERSITY

I.O.D.E. War Memorial Bursary.

Value: Three Hundred Dollars a year for four years.

Founded by the Imperial Order Daughters of the Empire, as part of their War Memorial.

Awarded to the candidate in either the Junior or Honour Matriculation examinations who, in the judgment of the Committee, best meets the purpose in view in the foundation of the Bursary. The candidate must be the son or daughter of a killed or totally disabled soldier, sailor, or member of the Air Force. The Bursary is tenable at any university in Ontario. If the holder of the Bursary chooses to attend University College of the University of Western Ontario, he or she will be granted exemption from tuition fees up to fifty dollars a year for four years.

In awarding the Bursary the committee of selection will take into consideration the war service of the candidate's father, and the circumstances of the family, as well as the candidate's physical fitness and academic promise.

This Bursary will next be awarded to a candidate from Ontario in 1936. Application must be made by March 2, 1936.

Leonard Scholarship.

The income of a trust of $500,000 created by the late Lieut.-Col. and Mrs. R. W. Leonard, St. Catharines, Ontario, will be expended in paying the college expenses of selected students at several institutions of Canada, including the University of Western Ontario, for from one to four years. The details of qualifications and the procedure of application for these scholarships may be secured by corresponding with the trustees of the foundation, The Toronto General Trusts Corporation, Toronto, Ontario, or the Registrar of the University of Western Ontario.

Ontario Hockey Association Scholarship.

The Ontario Hockey Association has founded a scholarship to be awarded annually on the results of Pass Junior Matriculation or Honour Matriculation examinations (or a combination of the two) held by the Department of Education of Ontario the June preceding the award. The following conditions obtain:

1. The candidate must have played in O.H.A. district hockey the winter preceding the award;

2. The candidate must have complete entrance requirements for the course he intends to pursue;

3. The marks on the candidate's six best papers only will be considered; minimum average for qualifying contestant, 66 per cent;

4. If in any year no candidate reaches the minimum qualifying average no scholarship for that year will be awarded.

In making the award the following points will be considered:

1. Academic qualification;
2. Financial need (to be supported by affidavits);
3. Ontario Hockey Association rating as a clean, effective hockey player.

The award shall be made by a committee of three members who shall be the Registrar of the University, the chairman of the Scholarship Committee of the University and a nominee of the Ontario Hockey Association executive, who may or may not belong to the University. The winner of the scholarship will receive $100 in cash, one-half in October, the other half in February following: he will receive also $100 tuition a year for

four years; total value of the scholarship $500. Special application forms for this scholarship should be obtained from the Registrar of the University on or before May 1, each year.

The Sir Arthur Currie Scholarships.

These scholarships, two in number, have been endowed by a group of citizens of London and vicinity in honour and in memory of the late Sir Arthur Currie: value, $100 cash a year for four years and $100 tuition a year for four years; total value, $800 each.

The following terms and conditions govern the awards:

(a) The awards are based on the results of the examinations of the Department of Education of Ontario and made on the highest average standing in six papers of the Middle or Upper School, the minimum being sixty-six per cent.;

(b) Each candidate must have complete entrance requirements for the Faculty he wishes to enter and must satisfy the Committee from year to year concerning his progress;

(c) Each candidate must have taken part in the W.O.S.S.A. activities (Junior, Intermediate or Senior) for at least two years in his secondary school course;

(d) The financial needs of the candidate are taken into consideration in making the award;

(e) The awards under these scholarships are made by the following committee: a representative of the Donors, the Registrar of the University, the Chairman of the Scholarship Committee of the Faculty of Arts, a representative of the Faculty of Medicine, the Chairman of the Physical Education Board and the University representative on the executive committee of the W.O.S.S.A., that is, six in all, of whom four constitute a quorum. The Registrar is the convener of the committee.

The Ontario Knights of Columbus Scholarships.

The Ontario State Council of the Knights of Columbus has established four scholarships for competition among the Catholic students writing upon the Honour Matriculation examinations conducted for the University Matriculation Board by the Department of Education of Ontario. Each of these scholarships, which has a value of $100.00 a year, will be paid to the successful student during his course, but not for more than

four years. The student may attend any University in Ontario, any other University approved by the State Executive, Osgoode Hall, or any Catholic School of Philosophy in Ontario. If the University chosen has a Catholic college in federation or affiliation, the student must enroll through this Catholic college; the student registering in the Faculty of Arts of the University of Western Ontario must enroll in either Assumption College, Sandwich, or Ursuline College, London.

Application forms for these Scholarships may be obtained from Mr. T. E. Brown, the State Secretary of the Knights of Columbus, 106 Caroline Avenue, Ottawa, with whom they must be filed on or before May 24th in the year in which the examination is to be completed. All other communications about these Scholarships must be made to the Secretary, from whom further information may be obtained on request.

UNIVERSITY COLLEGE

In order to retain the privileges of the following scholarships in University College, the winners must maintain a satisfactory degree of proficiency from year to year of their courses.

Pass Junior Matriculation Scholarship

A scholarship of $100.00 will be awarded for highest standing on six papers of the Pass Junior Matriculation or Middle School examinations. These papers must be written in the June examination in which the candidates complete the standing necessary for entrance to the University. The successful candidate must obtain an average of 75 per cent. or over on the six papers on which the award is made. The winner will receive tuition-credit of $100 a year for two years; total value of scholarship, $300.00.

Honour Matriculation Scholarships

I. Three General Proficiency scholarships of $100.00 each, on five departments of Upper School work:

(a) English, Latin, Mathematics (Algebra and Geometry only), History and one foreign language;

(b) English, Mathematics (Algebra, Geometry, Trigonometry), History and two sciences;

(c) English, Mathematics (Algebra, Geometry, Trigonometry), History, a science and a language.

The winners will receive tuition-credit of $100 a year for four years in University College of Arts; total value of each scholarship, $500.00.

II. Scholarships of $50.00 each, awarded on six Upper School papers:

(a) English, Latin and Mathematics (Algebra and Geometry);
(b) French, German or Spanish, and Mathematics (Algebra and Geometry);
(c) English, French and German or Spanish;
(d) Mathematics (Algebra, Geometry and Trigonometry), Physics and two other papers;
(e) Biology, Physics, Chemistry and two other papers;
(f) Biology, English or Mathematics (Algebra, Geometry) and two other papers;
(g) Chemistry or Physics, English or Mathematics (Algebra, Geometry) and three other papers;
(h) Latin, French and German or Spanish or Greek;
(i) Classics and two other papers.

The winners of these scholarships will receive tuition-credit of $100 a year for two years in University College of Arts; total value of each scholarship, $250.00.

III. Scholarships of $25.00 each on single subjects of the Upper School:

(a) Latin;
(b) Greek;
(c) English;
(d) Mathematics (Algebra, Geometry, Trigonometry);
(e) French;
(f) German;
(g) Biology;
(h) Physics and Chemistry.

The winners of these scholarships will receive tuition-credit of $100 a year for one year in University College of Arts. Total value of each scholarship, $125.00.

The scholarships in I, II and III above will be awarded on the examinations of 1935. No scholarship will be awarded to a candidate unless he obtains an average of First Class Honours

(75 per cent.) on all papers involved in the award. The successful candidates must pursue courses in University College or the Medical School, University of Western Ontario, beginning the academic session following the award.

IV. Scholarships of tuition-credit of $100 a year for two years for competition in each Collegiate Institute, Vocational School and High School, whether Commercial, Agricultural or Academic, in the counties named in the University of Western Ontario Act, 1923, namely: Essex, Kent, Elgin, Norfolk, Brant, Oxford, Middlesex, Lambton, Huron, Bruce, Grey, Perth, Wellington and Waterloo, and all the cities situated therein. The successful candidates must have an average of at least Second Class Honours (66 per cent.) in nine papers of the Upper School examination written in June of the year of the award, and chosen from the following list: English, German, Greek, French, History, Latin, Mathematics, Spanish, Botany, Zoology, Physics, Chemistry. Each successful candidate must register for a full year's work in University College or the Medical School, University of Western Ontario, beginning the fall following the award.

Candidates must notify the University of Western Ontario by May 1st (on forms provided on request) of their intention to compete for scholarships the following June.

URSULINE COLLEGE

The Ursuline College of Arts offers the following scholarships for competition among the students of Matriculation classes:

His Excellency, the Bishop of London's Partial Residence Scholarship, No. 1 ..... $150.00
His Excellency, the Bishop of London's Partial Residence Scholarship, No. 2 ..... 150.00
The Philip Pocock Memorial Partial Residence Scholarship 150.00
The Josephine Gaukler Memorial Partial Residence Scholarship, No. 1 ..... 150.00
The Josephine Gaukler Memorial Partial Residence Scholarship, No. 2 ..... 150.00
The Brescia Hall Students' Residence Scholarship 150.00

These scholarships will be awarded to the girl students who write at least six papers, obtain the highest average in the Pass

or Honour Matriculation examination, and fulfill the requirements for admission to the Faculty of Arts, as specified in the calendar of the University of Western Ontario.

Those wishing to enter this competition must make application before May 1st, and must state the centre at which they will write the Matriculation examinations.

Address all communications about Ursuline College scholarships to

THE REGISTRAR,
"Brescia Hall," University Sub-Station,
London, Ont.

WATERLOO COLLEGE

Waterloo College offers the following entrance scholarships:

Eight scholarships awarded on Junior Matriculation standing, total value, $125 each.

Scholarships awarded on Honour Matriculation standing:

One, total value	$325.00
One, total value	$300.00
Five, total value, each	$200.00
One, total value	$160.00
Three, total value, each	$150.00
One, total value	$125.00

Candidates must notify Waterloo College of their intention to compete for scholarships if they intend to register in Waterloo College the following September.

For further information and application forms apply to the Registrar of Waterloo College, Waterloo, Ontario.

PUBLIC SCHOOL INSPECTORS' CERTIFICATES

By agreement with the Minister of Education the work described below satisfies the academic requirements for a Public School Inspector's Certificate:

(1) An Honour Degree in Arts in accordance with the present agreement as prescribed for Specialist qualification (see page 65); or

(2) A Pass (or General Course) Degree in Arts with a standard of 66 per cent. at the final examination for the degree, with standing in English for each of the four years.

A candidate shall extend his course over at least four years from Junior Matriculation and he shall attend the University classes (a) for at least two complete sessions approved by the University, or (b) for at least one complete session, and two complete sessions of the Summer School, or (c) for at least six complete sessions of the Summer School or the equivalent thereof. His work must be supervised as prescribed in the agreement between the Department of Education and the University.

A candidate must also meet the following requirements:

(1) Hold a Permanent First Class Public School Teacher's Certificate;

(2) Have at least seven years' successful experience in the provincial schools of Ontario, five of which must have been in one or more of the public schools. (The time which a candidate has spent as the principal of a continuation school may be counted in these five years, if he has supervised the work of teachers in a public school connected with the continuation school);

(3) Pass the professional examination for Inspector's Certificate held in July of each year at the Parliament Buildings, Toronto. Details may be obtained from the Department of Education, Toronto.

HIGH SCHOOL ASSISTANTS' CERTIFICATES

I. ORDINARY CERTIFICATES

The academic standing for admission to the course in the Ontario College of Education leading to an Ordinary High School Assistant's Certificate is a degree in Arts from a British University, based upon courses approved by the Minister of Education.

II. SPECIALIST CERTIFICATES

Subject to the conditions specified below, the academic standing for admission to the qualifying examinations leading to High School Specialist Certificates in Classics, Commerce, English and French, English and German or Spanish, French and German or Spanish, English and History, Latin and French, Latin with Greek, Mathematics and Physics, Science

and Household Science is an Honour degree in Arts (60 per cent.) from any one of: The University of Toronto, Queen's University, McMaster University and the University of Western Ontario.

Each candidate for a Specialist's Certificate shall also obtain Honour standing (at least 75 per cent.) at the qualifying examination held annually in November at the Ontario College of Education and based on the High School courses prescribed for the current year in the subjects represented in the Specialist course to which the candidate seeks admission.

1. For the University of Western Ontario, the courses in the departments specified above shall be the Honour Courses as defined in the Announcement of the Faculty of Arts for 1935-1936. After due notice from any one of the four Universities, the Minister may accept modifications of its courses for Specialist standing.

2. Honour degrees in Arts from other British Universities on courses which are deemed to be the equivalent of those prescribed in the calendars of the four Ontario Universities may be accepted for Specialist standing.

3. The courses shall extend over at least five years from Pass Matriculation or, as may be determined under the regulations of the University concerned, over four years from Honour Matriculation in four subjects.

4. Candidates shall attend for at least two full academic years, the third and the fourth. Under the direction of the University, the rest of the course may be taken by Summer School and extramural study.

5. The Minister shall have authority to deal with any case not already covered. Each University shall submit to the Minister a recommendation on any case whose merits justify special consideration.

NOTE. Graduates in general or pass courses who wish to obtain specialist standing should consult a special pamphlet to be obtained from the Registrar.

FEES

***Tuition fees in full are payable on Registration Day. If they are paid in two instalments, the first will be payable Registration Day; the second on or before the first day of the second term. All other fees, except examination fees, are payable Registration Day. Students must register and pay the fees for examination before presenting themselves for any papers.**

All checks presented must be certified and made payable to "The University of Western Ontario."

The following fees are payable to the Executive Secretary:

First Registration (for all students on entering)	$ 5 00
***Tuition**, including examinations, one payment a year	125 00
Two payments a year, first $65.00, second $65.00	130 00
Tuition, special student, each credit, including examination	9 00
Tuition, Intensive Course in Business	200 00
Tuition, Extension department, each credit, including examination	9 00
Tuition, Summer School, each credit, including examination	9 00
Maximum	35 00
Tuition, Extramural, each credit, including examination	9 00
Examinations, Supplemental, each paper, September or May	5 00
Maximum	15 00
Examinations, LL.B. Course, each paper	20 00
Examinations, at dates other than January, May or September	15 00
Presiding Examiner's fee, etc. (at outside centre), each half day	3 00
Library Deposit (extramural students outside London)	5 00
Change of Faculty	5 00
Change of Registration, after one week from Regist. Day, $1.00 to	5 00
Late Registration, first week (see also page 7)	2 00
Undergraduate Certificate of Standing	3 00
Graduate detailed certificate (after the first two), each	2 00
Athletic Association, each year	11 00
Students' Administrative Assembly Fee, each year	5 00
Students' Health Insurance, each year	6 00
Caution Money (1), each year	5 00
Microscope Rental, each instrument, each year	5 00
Laboratory Fee, each Science, full course	4 00
Half course	2 00
Laboratory Fee, Business Administration, last three years	4 00
Laboratory Fee, Secretarial Science, last three years	4 00
Caution Fee (1), Physics, Chemistry, each course	5 00
Caution Fee (1), Applied Biology, Botany, Geology, Psychology, Zoology, each course	2 00
Degree of B.A. (2), payable May 1st	10 00
Degree of M.A. (3), payable May 1st	20 00
Degree of B.Sc., payable May 1st	10 00
Degree of M.Sc., payable May 1st	20 00
Degree of LL.B., payable May 1st	20 00
Degree of B.D., payable May 1st	24 00
Diploma, Intensive Business Course, payable May 1st	10 00

(1) Caution money minus deductions for breakage, etc., will be returned at end of year (2) See page 44. (3) See page 49.

***For foreign students tuition fees are double these figures.**

REQUIREMENTS FOR DEGREES

Explanation of Number System

First year general courses are numbered between 10 and 19.

Second year general courses are numbered between 20 and 29; second year honour courses, between 200 and 299.

Third year general courses are numbered between 30 and 39; third year honour courses, between 300 and 399.

Fourth year general courses are numbered between 40 and 49; fourth year honour courses, between 400 and 499.

Graduate courses are numbered between 500 and 599.

Courses numbered between 1 and 9 are preparatory courses equivalent to matriculation work in the same subjects.

A course whose number is followed by -a is given in the first term only; followed by -b, in the second term only; followed by -x is given in an affiliated college only.

All students, on entering the Faculty of Arts, will register in one of the following courses:

I. GENERAL COURSE: Leading through one of four so-called Junior Groups to both Pass and Honour degrees. On completion of any one of these Junior Groups, a student may finish his course for a Pass degree in two years (Senior Group) or, if eligible, may enter an Honour course to finish in three years (see pages 73-89).

II. SECRETARIAL SCIENCE COURSE (see page 70).

III. THEOLOGICAL COURSE (see page 71).

IV. NURSES' COURSE: leading to the degree of Bachelor of Science in Nursing (see page 72).

For Honour Philosophy in Assumption and Ursuline Colleges, see page 85.

I. GENERAL COURSE

Requirements for Admission: Complete Pass Junior Matriculation.

In each Junior Group credit will be allowed for Certificates in Upper School English (English 10, 11), Mathematics (Mathematics 10, 12, 28), Latin (10), Greek (10), French (10), German (10), Spanish (10); and for the lecture work (on probation) in Botany (10), Chemistry (10) and Zoology (10), if the certificates show at least second class honours.

These Junior Groups are complete in themselves and no work outside of them can be taken before the elected Group is completed.

The Department of Education of Ontario approves of a degree in this course as the academic qualification for an ordinary High School Assistant's Certificate.

JUNIOR GROUP 1

Subject	*Credits*
English 10, 11, 19	4
English 20, 21	3
French 10 or German 10	3
Library Science 10a	½
Mathematics 10, 12, 20, 22, 24, 28	9
Botany 10	3½
Chemistry 10	3½
Physics 10	3½
Zoology 10	3½
Physical Education 10 or 11	1

JUNIOR GROUP 2

Subject	*Credits*
English 10, 11, 19, 20, 21	7
Library Science 10a	½
Mathematics 10, 12	3
Physical Education 10 or 11	1
Business 20	2
Economics 20	3
Psychology 20	3
Biological or Physical Science 11	3
Two of *German 1, *Greek 1, French 10, German 10, Greek 10, Latin 10, Hebrew 10, Spanish 10	6 or 7
One of *German 10, *Greek 10, French 20, German 20, Latin 20, Greek 20, Hebrew 20, Spanish 20, 21	3 or 4

JUNIOR GROUP 3

Subject	*Credits*
English 10, 11, 19, 20, 21	7
Library Science 10a	½
Mathematics 10, 12	3
Physical Education 10 or 11	1
History 25	2
Biological or Physical Science 11	3
Two of *German 1, *Greek 1, Franch 10, German 10, Greek 10, Latin 10, Hebrew 10, Spanish 10	6 or 7
Two of *German 10, *Greek 10, French 20, German 20, Latin 20, Greek 20, Hebrew 20, Spanish 20, 21	6 to 8

JUNIOR GROUP 4

Subject	*Credits*
English 10, 11, 19, 20, 21	7
Library Science 10a	½
Mathematics 10, 12	3
Physical Education 10 or 11	1
Biological or Physical Science 11	3
Three of *Greek 1, *German 1, French 10, German 10, Greek 10, Latin 10, Hebrew 10, Spanish 10	9 or 10
Two of *Greek 10, *German 10, French 20, German 20, Greek 20, Latin 20, Hebrew 20, Spanish 20, 21	6 to 8

*For those who have no Junior Matriculation standing in these languages at entrance.

SENIOR GROUP

This Group is open to any student who has completed one of Junior Groups 1, 2, 3, 4. To graduate, a student must secure at least Grade C in one-half the credits of this Senior Group and a passing mark (Grade D) in the rest. Courses previously taken cannot be repeated for credit in the Senior Group. The total work offered in the two years must amount to at least 32 credits. See also page 41.

Subject	*Credits*
Psychology 20	3
Economics 30	3
Biological or Physical Science 11 (if not previously taken)	3
Physical Education 20 or 21	1
At least six credits from English 30, 40, 42 or 48	6
At least six credits from History 30, 31, 40 (or 45, 46), 43	6
	22

At least six credits from:

Economics 20, 32a, 32b, 33, 46, 48;
Philosophy 30, 31, 32, 33, 37, 43b, 47;
Psychology 35, 36, 37, 38, 43a, 46, 48;

At least six credits from one of the following combinations:

(a) Latin 20, 30, 40; Greek 10, 20, 30, 40;
French 20, 30, 40; German 20, 30, 40;
Spanish 20, 21; 30, 31; 40, 41;
Italian 20, 30.

(b) Applied Biology 21, 30, 40;
Botany 22b, 25a, 31a, 36b, 43; Chemistry 22, 33, 44;
Geology 20, 31, 47; Physics 20, 30;
Zoology 21, 32, 33, 44, 46.

(c) Mathematics 20, 22, 23, 24, 28, 29; Physics and Chemistry from (b).

(d) Courses not already counted in English, History, Economics, Philosophy, Psychology, Religious Knowledge.

II. SECRETARIAL SCIENCE COURSE

Requirements for Admission: Complete Pass Junior Matriculation.

First Year

Subject	*Credits*
English 10, 11, 19	4
Latin 10	3
Library Science 10a	½
Mathematics 10a, 12b	3
Physical Training 10	1
Biological Science 11	3
One of:	
French 10	3
German 10	3
Spanish 10	4

Second Year

Not more than fifteen registrations are permitted in this year; they will be made up from those who have passed the above first year without any conditions whatever, or who present certificates of standing in Upper School English, Latin, Mathematics (Algebra and Geometry) and French. Honour Matriculants must make up all deficiencies of the first year before beginning any work of the third year.

Subjects	*Credits*
Business Administration 25b	½
Business Administration 20	2
Economic and Political Science 20	3
English 20, 21	3
Physical Training 20	1
Secretarial Science 28, 29	6
One of:	
French 20	4
German 20	4
Spanish 20, 21	3

Third Year

Business Administration 30	2
English 30	3
English 31	1
Library Science 31b	2
Secretarial Science 37	3
Secretarial Science 38, 39	6
One of:	
French 30	3
German 30	3
Spanish 30, 31	3

Fourth Year

English 40 and 42 or 48	3 or 4
History 31	2
Secretarial Science 47	7
Secretarial Science 48, 49	5
One of:	
French 40	3
German 40	3
Spanish 40, 41	3

III. THEOLOGICAL COURSE

Requirements for Admission: Complete Pass Junior Matriculation.

The following is the prescribed course accepted by the University for students registered with recognized Theological bodies who wish to take advantage of the options offered by Huron College. With certain adjustments this course will be available for women who are interested in training for religious work as a profession or as an avocation.

A student who presents Honour Matriculation in English, Latin and Greek may reasonably expect to complete this course in three years.

Students in this course may elect, instead of English 19, Junior Homiletics at Huron College.

First Year

Subject	*Credits*
English 10, 11	3
English 19 *or* English 19x (Homiletics, Junior)	1
Greek 1	4
Apologetics 30x	2
Biblical Literature 10x	½
Church History 30x	2
Latin 10	3
Library Science 10a	½
Physical Training 10 or 11	1

Second Year

Hebrew 10	3
Biblical Literature 21x	½
English 20, 21	3
History 25	2
Homiletics, Senior	1
Greek 25	3
Psychology 20	3
Physical Training 20 or 21	1

Third Year

Biblical Literature 30x, 31x	1
Economic and Political Science 20	3
English 30	3
Greek 35	3
History 31	2
Hebrew 20	3
Psychology 36	2

Fourth Year

Biblical Literature 40x, 41x	1
Church History 40x or 41x or 42x	2
Economic and Political Science 46	2
Economic and Political Science 48	1½
English 40	2
History 45a, 46b	3
Philosophy 31, 32	2
Philosophy 33	1
Psychology 48a, 48b	2

IV. COURSE FOR NURSES

Leading to the Degree of Bachelor of Science in Nursing

Requirements for Admission: Complete Pass Junior Matriculation.

Each applicant for admission must submit a certificate of acceptance for this course from the Chief of Division of Study for Graduate Nurses at the Institute of Public Health and from the Superintendent of the Training School for Nurses in the Hospital where she plans to take her training.

The length of this course will be five calendar years, and it is made up of three parts as follows:

(a) One and one-half academic years in the Faculty of Arts in which the following courses shall be taken:

First Year

Subject	*Credits*
Chemistry 10	3½
English 10, 11, 19	4
French 10 or German 10	3
Library Science 10a	½
Physical Training 10	1
Zoology 10	3½

Second Year, First Term Only (September to January)

Chemistry 22a	1½
English 20a, 21a	1½
Language of First Year continued	2
Psychology 20a	1½
Physical Training 20a	½
Zoology 21a	2

(b) Thirty-two continuous months in a Training School for Nurses where there shall be a course that is in all its details approved by a Committee of which the Dean of the Faculty of Public Health is Convener. The hospital training course starts in the latter part of January and finishes in September thirty-two months later.

(c) **One academic year in the Faculty of Public Health.**

The final academic year of eight months will be spent in the Faculty of Public Health of the University of Western Ontario. The student may choose the Public Health Nursing, Instructor in Nursing or Hospital Administration option.

No conditions may be carried from Part (a) to Part (b) or from Part (b) to Part (c) of this course.

HONOUR COURSES

I. Department of Biological Sciences

Requirements for Admission: Group 1, page 69, with an average of at least 60% in the Sciences and not less than 60% in Botany and 60% in Zoology.

This course satisfies the academic requirements for the Science Specialist Certificate of the Department of Education of Ontario. For conditions, see page 65.

Second Year

Subject	*Credits*
Franch 1 or German 5 (language not previously taken)	3
Physical Training 20 or 21	1
Botany 250a	2½
Chemistry 200	4
Geology 257	5
Physics 204, 205	3
Zoology 250b	2½

Third Year

Subject	*Credits*
Economics 20 or Psychology 20	3
French 10 or German 35 (language taken in the Second Year)	2 or 3
Botany 352, 360	5
Chemistry 303	4
Zoology 350, 357	7

Fourth Year

Any one of the four following options may be taken:

(a) GENERAL BIOLOGY

French 45	½
German 45	½
Botany 453	2½
Botany 454	2½
Botany 461	2½
Zoology 452	4
Zoology 453	2½
Zoology 454a	2
Zoology 454b	2

(b) BOTANY

French 45	½
German 45	½
History 45, 46	3
Botany 453	2½
Botany 454	2½
Botany 461	2½
Botany 466	2½
Botany 474	2½

(c) ZOOLOGY

French 45	½
German 45	½
History 45, 46	3
Zoology 451	2
Zoology 452	4
Zoology 453	2½
Zoology 454a	2
Zoology 454b	2

(d) APPLIED BIOLOGY

French 45	½
German 45	½
History 45, 46	3
Botany 461	2½
Botany 466	2½
Applied Biology 450a	2
Applied Biology 450b	2
Applied Biology 451	2½
Applied Biology 453b	2
Applied Biology 460a or 460b	2

II. Department of Business Administration

Requirements for Admission: Group 2, page 69, with at least 60% in Economics and 60% in Business. This course is open to men only.

Credit is given by the Association of Chartered Accountants for work done in this course.

Second Year

Subject	*Credits*
English 31	1
Physical Training 21	1
French 20 or 30 or German 20 or 30	4 or 3
Business 250	3
Business 251	3
Business 255	3
Economics 233	2
Economics 251b	1
Economics 257a, 257b	2
Mathematics 23a	1½

Third Year

History 31 or 44	2
Business 350	3
Business 353	3
Business 354	3
Business 356	1½
Economics 346	2
Economics 353a	1
One of:	
English 30 or 34	3
French 30	3
German 30	3
Philosophy 30, 32	3
Spanish 20, 21 or 30, 31	3

Fourth Year

Business 450	1½
Business 451	1½
Business 454 (optional)	2
Business 458	3
Business 459	3
Business 460	1½
Business 461	1½
Business 471	2

INTENSIVE COURSE

Requirements for Admission: Graduation from a recognized college or engineering school or from The Royal Military College.

This is a one-year course leading to a diploma in Business Administration.

First Term

Subject	*Credits*
Business 5x0a	1½
Business 5x1a	1½
Business 5x3a	1½
Business 5x4a	1½
Business 5x5a	1½

Second Term

Business 5x1b	1½
Business 5x4b	1½
Business 5x8b	1½
Business 5x9	1½
English 5x31	1
Psychology 5x9	1

III. Department of Business Administration and Secretarial Science

Requirements for Admission: Group 2, page 69, with an average of at least 60% in Economics and in Business.

This course may be elected by men and women.

This course, with the addition of Penmanship, satisfies the academic requirements for the Commercial Specialist certificate of the Department of Education of Ontario. For conditions, see page 65.

Second Year

Subject	*Credits*
English 31	1
Mathematics 23a	1½
Physical Training 20 or 21	1
Business 30	2
Business 36	2
Business 250	3
Business 251	3
Economics 257a, 257b	2
Secretarial Science 28, 29	6

Third Year

History 25	2
Business 25b	½
Business 350	3
Economics 233	2
Economics 259	1½
Economics 353a	1
English 30	3
Secretarial Science 37 (theory only)	1
Secretarial Science 38, 39	6

Fourth Year

Business 306, 356	3
Business 450, 460	3
Economics 46 or English 40	2
History 31	2
Library Science 31b	2
Secretarial Science 47 (theory and practice)	7

IV. Department of Chemistry

Requirements for Admission: Group 1, page 69, with an average of at least 60% in the Sciences of the Group and an average of 60% in Physics and Mathematics and 60% in Chemistry.

This course satisfies the academic requirements for the Science Specialist Certificate of the Department of Education of Ontario. For conditions, see page 65.

Second Year

Subject	*Credits*
French 1 or German 5 (language not previously taken)	3
Physical Training 20 or 21	1
Botany 250a	2½
Chemistry 250	6
Chemistry 252b	2½
Chemistry 257a	½
Geology ~~257~~ 25a	5
Zoology 250b	2½

Third Year

French 10 or German 35 (language of the Second Year)	2 or 3
Chemistry 303	4
Chemistry 354	5
Physics 254, 255	5

Fourth Year

French 45	½
German 45	½
Chemistry 451a	2
Chemistry 453	3½
Chemistry 454	4
Chemistry 455b	2
Chemistry 458	1
Chemistry 459	5

V. Department of Chemistry and Physics

Requirements for Admission: Group 1, page 69, with an average of at least 60% in all the Sciences and 60% in Mathematics, in Chemistry and in Physics.

Second Year

Subject	*Credits*
French 1 or German 5 (language not previously taken)	3
Physical Training 20 or 21	1
Chemistry 200, 252b, 257a	7
Mathematics 254, 264	3
Physics 251, 254, 255	6

Third Year

French 10 or German 35 (language of the second year)	2 or 3
Mathematics 354a, 364b	2
Chemistry 303	4
Chemistry 354	5
Physics 352	3
Physics 364	4

Fourth Year

Subject	*Credits*
French 45	½
German 45	½
History 45, 46	3
*Chemistry 453 or 454	4
Chemistry 458	1
Physics 455	2
*Physics 453 or 456	2
Physics 458	1
Either Chemistry 459 or Physics 459	3

VI. Department of Classics

Requirements for Admission: Group 4, page 69, with an average of 60% in Latin 10 and 20 and 60% in Greek 10 and 20.

This course satisfies the academic requirements for the Classics Specialist Certificate of the Department of Education of Ontario. For conditions, see page 65.

Second Year

Subject	*Credits*
English 250	2
French 20 or German 20 or Hebrew 20	4
Physical Training 20 or 21	1
Greek 207, 230, 251	5
Latin 207, 230, 250, 251	6

Third Year

English 30 or 330	3
Greek 340, 350, 351, 352, 353	7
Latin 340, 350, 351, 352	6

Fourth Year

English 40 or 440	2
Greek 450, 451, 452, 453	7½
Latin 450, 451, 452, 453	6½

VII. Department of Economic and Political Science

Requirements for Admission: Group 2, page 69, with an average of at least 60% in Economics, Business and Psychology, and 60% in Economics.

Second Year

Subject	*Credits*
Biological or Physical Science 11 (one not previously taken) or Math. 20 and 22a	3 or 3½
Business 200	2
English 31	1
Mathematics 23a	1½
Physical Training 20 or 21	1
Economics 232a, 232b, 233, 251, 257a, 257b, 259	9

*Chemistry 454 and Physics 453 may not be elected by the same student.

Third Year

Subject	*Credits*
History 31, 43a, 44 (any two)	3½ or 4
Economics 346, 348, 355	5

See note below.

Fourth Year

History 45, 46	3
Economics 450a, 452b, 460, 462b	6

See note below.

NOTE: For each of the third and fourth years a minimum of 16 credits is the prescribed work, 10 credits of which must be taken from courses given by the Department of Economics. The numbers indicate the sequence of the options but the requirement is not rigid.

Economics 351b	1
Economics 352a	1½
Economics 353a	1
Economics 354a	1
Economics 363b	1
Economics 453b	1
Economics 458	1
Economics 463	1
Economics 468	1
Economics 478	1½
Economics 488	1
English 30 or 34	3
History 25 or 31 or 44 (one not previously taken)	2
Mathematics 24b	1½
Philosophy 30	2
Psychology 48a, 48b	2
One of :	
French 30, 40, German 30, 40, 35 and 45	3 or 2½

VIII. Department of English and French (or German or Spanish)

Requirements for Admission: Group 4, page 69, with an average of at least 60% in English and in French (or German or Spanish).

This course is accepted by the Department of Education of Ontario as academic qualification for the Specialist Certificate in English and French (or German or Spanish). For conditions, see page 65

Second Year

Subject	*Credits*
Latin 24	3
History 30	3
Physical Training 20 or 21	1
English 210, 250, 251	5
French 270, 271	4
German 281, 290	4
or	
Spanish 220, 221, 260	4

Third Year

Subject	*Credits*
History 40	3
English 330, 342, 352, 353, 362	7
One of:	
French 380, 381	6
German 380b, 381, 383, 390a	6
Spanish 330, 331, 360	5

Fourth Year

History 31 or 43a	1½ or 2
English 440, 450, 453, 454, 456	8
One of:	
French 460, 467, 490, 491	7
German 490a, 490b, 491, 494a, 494b	7
Spanish 440, 441, 450, 453	6

IX. Department of English and History

Requirements for Admission: Group 3, page 69, with an average of at least 60% in English and in History.

This course satisfies the academic requirements in English and History for the Specialist Certificate of the Department of Education of Ontario, except that for this purpose Hebrew may not be chosen as one of the minor honour subjects. For conditions, see page 65.

Second Year

Subject	*Credits*
Physical Training 20 or 21	1
English 210, 250, 251	5
History 230	3
Two of:	
French 270, 271	4
German 281, 290	4
Greek 207a, 230, 251	5
Hebrew 200	4
Latin 207b, 230, 251	5
Spanish 220, 221, 260	4

Third Year

Economics 20	3
English 330, 342, 352, 353, 362	7
History 340, 351	5
Philosophy 30	2

Fourth Year

English 440, 450, 453, 454, 456	8
History 443, 444, 452, 455	8½

X. Department of French and German (or Spanish)

Requirements for Admission: Group 4, page 69, with an average of at least 60% in French and in German or Spanish.

This course satisfies the academic requirements for the French and German or Spanish Specialist Certificate of the Department of Education of Ontario. For conditions, see page 65.

Second Year

Subject	*Credits*
English 30	3
History 30	3
Latin 24	3
Physical Training 20 or 21	1
French 270, 271	4
German 281, 290	4
or	
Spanish 220, 221, 260	4

Third Year

English 353	1
Philosophy 30	2
History 40	3
French 380, 381	6
German 380b, 381, 383, 390a	6
or	
Spanish 330, 331, 360	5

Fourth Year

English 40, 42	3
French 460, 467, 490, 491	7
German 490a, 490b, 491, 494a, 494b	7
or	
Spanish 440, 441, 450, 453	6

XI. Department of French and Latin

Requirements for Admission: Group 4, page 69, with an average of at least 60% in French and 60% in Latin.

This course is accepted by the Department of Education of Ontario as academic qualification for the Specialist Certificate in French and Latin. For conditions, see page 65. In this course, three years or the equivalent of Greek or German must be taken in the University.

Second Year

Subject	*Credits*
German 1 or 10 or 20	3 or 4
or	
Greek 1 or 10 or 20	3 or 4
History 30	3
Physical Training 20 or 21	1
French 270, 271	4
Latin 207b, 230, 250, 251	6

Third Year

Subject	*Credits*
German 10 or 20 or 30	3 or 4
or	
Greek 10 or 20 or 30	3 or 4
History 40	3
French 380, 381	6
Latin 340, 350, 351, 352	6

Fourth Year

German 20 or 30 or 40	3 or 4
or	
Greek 20 or 30 or 40	3 or 4
French 460, 467, 490, 491	7
Latin 450, 451, 452, 453	6½

XII. Department of Geology

Requirements for Admission: Group 1, page 69, with an average of at least 60% in the Sciences.

This course satisfies the academic requirements for the Science Specialist Certificate of the Department of Education of Ontario. For conditions, see page 65.

Second Year

Subject	*Credits*
French 1 or German 5 (language not previously taken)	3
Physical Training 20 or 21	1
Botany 250a	2½
Geology 251, 257	8
Physics 204, 205	3
Zoology 250b	2½

Third Year

French 10 or German 35 (language of the Second Year)	2 or 3
Geology 351, 354	6
Chemistry 200	4
Zoology 350 or Geology 356 and Chemistry 252b (Second Term)	5

Fourth Year

French 45	½
German 45	½
Economics 20	3
Geology 452, 453, 455, 457, 458	10½
Zoology 357	2

XIII. Department of Mathematics and Business

Requirements for Admission: Group 1, page 69, with an average of at least 60% in Mathematics and 60% in Physics.

This course is intended for students who plan to become actuaries. It will prepare them for five of the eight examinations required for Associateship in the Actuarial Society of America and in the American Institute

of Actuaries. The first three of these may be taken any year but preferably not before the second; the fourth and the fifth may be taken during the fourth year. These examinations are held on the first Monday, Tuesday and Wednesday after the thirteenth of April and may be written in London. **Application to write these examinations must be made by January 31st.**

Students may elect this course only after consultation with the Head of the Department of Mathematics.

Note. This course does *not* satisfy the academic requirement for the Mathematics and Physics Specialist Certificate of the Department of Education of Ontario.

Second Year

Subject	*Credits*
French 1 or German 5 (one not previously taken)	3
Business 20	2
Mathematics 250, 252, 254, 260, 262, 264	7
Physics 250, 254, 255	7
Physical Education 20 or 21	1

Third Year

Business 250	3
French 10 or German 35 (language of Second Year)	2 or 3
Physics 451	1
And either Group I or Group II below	7 or 8

Fourth Year

Economics 20	3
Business 350a, 450, 460	4½
Mathematics 457	1
And either Group I or Group II below	7 or 8

The following two groups are given in alternate years, Group I in 1935-36.

Group I

Mathematics 329	2
Mathematics 354a	1
Mathematics 355b	1
Mathematics 362	2
Mathematics 364b	1

Group II

Mathematics 452a	1
Mathematics 453a	1
Mathematics 454b	1
Mathematics 456	2
Mathematics 462b	1
Mathematics 463a	1
Mathematics 473b	1

XIV. Department of Mathematics and Physics

Requirements for Admission: Group 1, page 69, with an average of at least 60% in Mathematics and in Physics.

This course satisfies the academic requirements for the Mathematics and Physics Specialist Certificate of the Department of Education of Ontario. For conditions, see page 65.

Second Year

Subject	*Credits*
French 1 or German 5 (one not previously taken)	3
Mathematics 250, 252, 254, 260, 261, 262, 264	8
Physics 250, 251, 254, 255	8
Physical Education 20 or 21	1

MATHEMATICS OPTION

Third Year

French 10 or German 35 (language of Second Year)	2 or 3
Economics 20	3
Physics 360	3½
One of Group I or II below	9

Fourth Year

French 45, German 45	1
History 45, 46	3
Mathematics 457	1
Physics 451b, 456	3
One of Group I or II below	9

The following two groups are given in alternate years, Group I in 1935-36.

Group I

Mathematics 329	2
Mathematics 354a	1
Mathematics 355b	1
Mathematics 358a	1
Mathematics 359b	1
Mathematics 362	2
Mathematics 364b	1

Group II

Mathematics 451a	1
Mathematics 452a	1
Mathematics 453a	1
Mathematics 454b	1
Mathematics 456	2
Mathematics 462b	1
Mathematics 463a	1
Mathematics 473b	1

PHYSICS OPTION

Third Year

Subject	*Credits*
French 10 or German 35 (language of Second Year)	2 or 3
Mathematics 354a, 364b or 456	2
Physics 350	3
Physics 352	3
Physics 354	5
Physics 355	1

Fourth Year

French 45, German 45	1
English 30 or 34	3
Mathematics 354a, 364b, or 456	2
Physics 451	1
Physics 453	2
Physics 455	2
Physics 456	2
Physics 458	1
Physics 459	3

XV(a). Department of Philosophy and Psychology

This Course is open only to students of Assumption and Ursuline Colleges.

First Year

Subject	*Credits*
English 10, 11, 19	4
Latin 10	3
Library Science 10a	½
Mathematics 10, 12	3
Physical Training 11	1
Religious Knowledge 11x or 101x	2 or 1
At least three credits from the following:	
French 10	3
German 1 or 10	3
Greek 1 or 10	3
Spanish 10	4
Italian 20	3
Botany 10	3½
Chemistry 10	3½
Physics 10	3½
Zoology 10	3½

Second Year

English 20, 21	3
Latin 20 or 25x	4 or 3
Physical Training 21	1
Religious Knowledge 21x or 201x	2 or 1
Philosophy 250x	3
Philosophy 251x	2
Philosophy 257x	2

Subject	*Credits*
One of:	
French 10 or 20	3 or 4
German 10 or 20	3 or 4
Greek 10 or 20	3 or 4
History 27	3
Italian 20 or 30	3
Spanish 20, 21	3
Options of First Year not previously taken.	

Third Year

English 30	3
Philosophy 351x	5
Philosophy 352x	3
Philosophy 357x	3
One of:	
French 20 or 30	4 or 3
German 20 or 30	4 or 3
Greek 20 or 30	4 or 3
Latin 30 or 35x	3
Religious Knowledge 30x, 31x or 300, 301x	3
Options of Second Year not previously taken.	

Fourth Year

English 40, 42 or 48	3 or 4
Philosophy 450x	5
Philosophy 452x	3
Philosophy 457x	3
One of:	
French 30 or 40	3
German 30 or 40	3
Greek 30 or 40	3
Latin 40	3
Religious Knowledge 40x, 41x or 400, 401x	3
Options of Third Year not previously taken.	

XV(b). Department of Philosophy and Psychology

Requirements for Admission: Group 2, page 69, with an average of at least 60% in Economics, Business and Psychology, and 60% in Psychology.

This Course is offered in University College only.

Second Year

Subject	*Credits*
Biological or Physical Science 11 (one not previously taken)	3
English 30 or 34	3
Physical Training 20 or 21	1
Philosophy 230, 231	3
Psychology 235	3

Subject	*Credits*
At least three credits from:	
French 10, 20, 30	3 or 4
German 1, 5, 10, 20, 30, 35	2 or 3 or 4
Greek 1, 10 or 25	3
Greek 20 or 35	3 or 4
Greek 30 or 45	3
Hebrew 20	4
Latin 20	4

Students may complete this course by taking either the Philosophy Option or the Psychology Option as outlined below.

PHILOSOPHY OPTION

History 45a, 46b	3
Philosophy 332, 333, 337, 350	5
Psychology 336	2
At least four credits from:	
Economic and Political Science 30, 32a, 32b, 46	7½
At least three credits from:	
English 30 or 34	3
French 20 or 30	3 or 4
French 45 and German 45	1
German 10 or 20 or 30 or 35	2 or 3 or 4
Greek 20 (or 35) or 30 (or 45)	3 or 4

Fourth Year

Economic and Political Science 48b	1½
Philosophy 443b, 447, 458	4
Psychology 443a, 446, 448a, 448b, 459	7
At least three credits from:	
English 30 or 34 or 40	2 or 3
French 45 and German 45	1

PSYCHOLOGY OPTION

Third Year

Zoology 21	4
Philosophy 332, 337	3
Psychology 336, 337, 338, 339	7
At least three credits from:	
English 30 or 34	3
French 20 or 30	3 or 4
French 45 and German 45	1
German 10 or 20 or 30 or 35	2 or 3 or 4

Fourth Year

Economic and Political Science 48b	1½
Philosophy 447	2
Psychology 443a, 446, 448a, 448b, 455, 459	10
At least three credits from:	
English 30 or 34 or 40	2 or 3
French 45 and German 45	1

Department of Physics

See Department of Mathematics and Physics, page 84.

Department of Physics and Chemistry

See Department of Chemistry and Physics, page 77.

XVI. Department of Romance Languages

Requirements for Admission: Group 4, page 69, with an average of at least 60% in Spanish, in French and in Latin.

This course satisfies the academic requirements for the French and Spanish Specialist Certificate of the Department of Education of Ontario. For conditions, see page 65

Second Year

Subject	*Credits*
History 30	3
Latin 24	3
Physical Training 20 or 21	1
French 270, 271	4
Italian 220	3
Spanish 220, 221, 260	4

Third Year

History 40	3
French 380, 381	6
Italian 330	3
Spanish 330, 331, 360	5

Fourth Year

English 30	3
French 460, 467, 490, 491	7
Spanish 440, 441, 450, 453	6

XVII. The B.A., M.D. Course

Requirements for Admission: Group 1, page 69, with an average of at least 60% in the Sciences.

Second Year

Subject	*Credits*
French 1 or German 5 (language not previously taken)	3
Physical Training 20 or 21	1
Botany 250a	2½
Chemistry 200	4
Geology 257	5
Physics 204, 205	3
Zoology 250b	2½

Third Year

Subject	*Credits*
French 10 or German 35 (language of Second Year)	2 or 3
Botany 466	2½
Chemistry 303	4
Chemistry 444	3½
Zoology 350	5
Zoology 357	2

Fourth Year

Identical with the second year of the Medical Course less English and German; taken principally at the Medical School.

DESCRIPTION OF COURSES

DEPARTMENTS OF BIOLOGICAL SCIENCES

EXECUTIVE COMMITTEE: Professors Hart (Chairman), Detwiler, Robertson.

11. **Biological Science:** a course on the fundamental principles of biology with particular stress on the cell as a unit, the origin and preservation of the individual and the race, the mode of inheritance, and the applications of biology to social and economic problems.

Open to General Course students in Groups 2, 3 and 4, p. 69.

2 lectures and 2 laboratory hours a week: 3 credits.

Text-book: Haupt, *Fundamentals of Biology.*
References: Scott, *The Science of Biology*
Plunkett, *Outlines of Modern Biology.*
Shumway, *General Biology.*
White, *General Biology.*

Students obtaining 60 per cent. in this course may select options for further study in the pass Biological Sciences, Applied Biology, Botany and Zoology.

APPLIED BIOLOGY

JOHN D. DETWILER, PH.D., F.A.A.A.S., Professor
J. M. N. JACKSON, B.S.A., Demonstrator

Students taking work in this department will be required to make a deposit of two dollars with the Bursar to cover supplies and breakages. Any surplus will be refunded at the end of the college year.

21. **General Interpretative Biology:** a biological study of local animals on the basis of their habitats. This will include the recognition of the type forms.

2 lectures and 4 laboratory hours a week: 4 credits.

Prerequisites: Botany 10, Zoology 10.

30. **Arthropoda:** a general study of the comparative morphology, postembryonic development, and economic importance of typical representatives of the main arthropod groups.

2 lectures and 4 laboratory hours a week: 4 credits.

Prerequisites: Applied Biology 21, or Zoology 21.

40. **Hexapoda:** the morphology, organ systems, elementary classification, life histories and economic importance of representative insects.

2 lectures and 4 laboratory hours a week: 4 credits.

Prerequisite: Applied Biology 30.

Honour Courses

450a. **Hexapoda, Structure and Function:** morphology, elementary physiology, embryology and postembryonic development of insects. The student is strongly advised to make an insect collection before taking this course.

2 lectures and 4 laboratory hours a week: 2 credits.

Prerequisite: Zoology 250.

450b. **Hexapoda, Taxonomy and Biology:** elementary classification and general biologies of the more important groups of insects.

2 lectures and 4 laboratory hours a week: 2 credits.

Prerequisite: Applied Biology 450a.

451a. **General Arthropodology:** the phylogenetic relationships of the arthropods as deduced from a study of their morphology and organ systems. Life histories and economic features will also be reviewed.

2 lectures and 6 laboratory hours a week: 2½ credits.

Prerequisite: Zoology 250.

453b. **Fresh Water Biology:** the following phases of the life of inland waters will be dealt with: (i) a general review of the main groups of fresh-water fauna and flora, (ii) an ecological study of the life of inland waters, (iii) the development and conservation of aquatic resources.

2 lectures and 4 laboratory hours per week: 2 credits.

Prerequisites: Applied Biology 450a, 451, Botany 360.

Text-book: Needham and Lloyd, *The Life in Inland Waters.*
Needham and Needham, *Guide to the Study of Fresh Water Biology.*

460a. **Soil Science:** the composition and properties of soil and their relation to crop growth, fertilizers and soil fertility. The course is designed to stimulate the student's thought about soil management and plant production.

2 lectures and 4 laboratory hours a week: 2 credits.

Prerequisites: Junior Group 1 and Geology 257.

460b. **Plant Culture:** a fundamental course in the care and development of plants. The course is intended to prepare students for the investigation of plant-cultural problems related to vegetable gardening, floriculture, fruit growing and field crops. This course must either be accompanied or preceded by Applied Biology 460a.

2 lectures and 4 laboratory hours a week: 2 credits.

Prerequisites: Botany 10 and Botany 250.

Courses Leading to the Degree of M.A.

A selection from the following courses will be offered from time to time to suit the qualifications and objectives of the candidates:

551. **Insect Morphology and Taxonomy.**

553. **Principles of Animal Biology.**

561a. **Medical Arthropodology.**

561b. **Economic Entomology.**

BOTANY

University College

N. C. HART, M.A., F.A.A.A.S.,	Professor
ANSON R. WALKER, M.A., F.A.A.A.S.,	Associate Professor
HELEN B. BERDAN, M.A.,	Assistant Professor
MAY E. LIVINGSTONE, B.A.,	Demonstrator
D. A. MCLARTY, B.A.,	Demonstrator
RUTH ELIZABETH SHARPE, B.A.,	Demonstrator
LEWIS T. WHITE, B.Sc.F., B.A.	Demonstrator

Assumption College

REV. T. A. MACDONALD, M.A.,	Professor

Waterloo College

ROY J. E. HIRTLE, M.Sc.,	Professor

Students taking work in this department will be required to make a deposit of two dollars with the Bursar to cover supplies and breakages. A refund of any surplus will be made at the end of the college year.

10. **Introductory Botany:** for students of the General Course, Group I; a course dealing with the general principles of

Botany. **To qualify for the honour courses in Biology a student must obtain 60 per cent. in Botany 10.**

2 lectures and 3 laboratory hours a week: 3½ credits.

Prerequisites: complete college entrance requirements.

Text-book: Smith, Overton, etc., *A Text-book of General Botany.*

22b. **Plant Physiology:** for General Course students; a course dealing with the relationship between plants and their surroundings, and with some of the functions of the organs of plants.

2 lectures and 4 laboratory hours a week: 2 credits.

Prerequisite: Botany 25a.

Text-book: Coulter, Barnes and Cowles, *Text-book of Botany, Vol. II.*

25a. **Plant Biology:** for General Course students; a course dealing with the general principles underlying the study of plant culture and plant breeding.

2 lectures and 4 laboratory hours a week: 2 credits.

Prerequisite: Botany 10 or Biological Science 11.

Text-book: Sinnot and Dunn, *Principles of Plant Genetics.*

31a. **Plant Diseases and Fungi:** for General Course students; a course dealing with the recognition of poisonous and edible fungi and the identification, cause and control of common plant diseases.

2 lectures and 4 laboratory hours a week: 2 credits.

Prerequisites: Botany 25a and 22b, or Botany 10 or Biological Science 11.

Text-book: Duggar, *Fungous Diseases of Plants.*

36b. **Elementary Bacteriology:** an elementary course dealing with the common economic organisms in reference to water, food supplies, public health and civic problems.

2 lectures and 4 laboratory hours a week: 2 credits.

Prerequisite: Botany 31a.

Text-book: Buchanan and Buchanan, *Bacteriology.*

43. **Plant Ecology and Taxonomy:** for General Course students; a course dealing with the recognition and classification of the common garden and field plants with special reference to adaptations to their environment.

2 lectures and 4 laboratory hours a week: 4 credits.

Prerequisites: Botany 25a and 22b, or Botany 31a and 36b.

Text-book: Gray, *New Manual of Botany.*

Honour Courses

250a. **Phanerogamic Botany:** for Honour Science and B.A., M.D. students; a course dealing with the evolution, external morphology and anatomy of the Spermatophyta.

2 lectures and 6 laboratory hours a week; 2½ credits.

Prerequisites: Junior Group 1.

Text-books: Coulter, Barnes and Cowles, *Text-book of Botany.*
Gray, *New Manual of Botany.*

352. **Plant Physiology:** for students in Honour Biology and Honour Science; a course dealing with the physiology of plants.

2 lectures and 6 laboratory hours a week, one term; 2½ credits.

Prerequisites: Botany 250 and Zoology 250.

Text-books: Livingston, *Palladin's Plant Physiology.*
Maximov, *A Text-book of Plant Physiology.*
Miller, *Plant Physiology.*

357. **Historical Biology:** see Zoology 357.

360. **Cryptogamic Botany:** for Honour Biology students; a course dealing with the morphology, classification and evolution of the Algae, Mosses and Ferns.

2 lectures and 6 laboratory hours a week, one term: 2½ credits.

Prerequisites: Botany 250 and Zoology 250.

Text-books: Coulter, Barnes and Cowles, *Text-book of Botany, Vol. I.*
Strasburger, *Text-book of Botany.*

453. **Ecology and Taxonomy:** for Honour Biology students; a course dealing with the principles of ecology, and the classification of the Spermatophyta.

2 lectures and 6 laboratory hours a week, one term: 2½ credits.

Prerequisites: Botany 360 or 352, Zoology 350.

Text-books: McDougall, *Plant Ecology.*
Coulter, Barnes and Cowles, *Text-book of Botany, Vol. II.*

454. **Plant Anatomy:** for Honour Biology students; course dealing with the cytology and anatomy of the Pteridophyta and Spermatophyta.

2 lectures and 6 laboratory hours a week, one term: 2½ credits.

Prerequisites: Botany 360, Zoology 350.

Text-books: Strasburger, *Text-book of Botany.*
Jeffery, *Anatomy of Woody Plants.*

461. **Phytopathology and Mycology:** for Honour Biology students; a course dealing with plant diseases and the classification, morphology and structure of fungi.

2 lectures and 6 laboratory hours a week, one term: 2½ credits.

Prerequisites: Botany 360, Zoology 350.

Text-books: Stevens, *Plant Disease Fungi.*
Duggar, *Fungous Diseases of Plants.*

466. **Bacteria, Yeast and Molds:** a course dealing with the culture, classification and life histories of selected groups of fungi.

2 lectures and 6 laboratory hours a week, one term: 2½ credits.

Prerequisite: Botany 461.

Text-books: Buchanan and Buchanan, *Bacteriology.*
Jordan, *General Bacteriology.*

474. **Advanced Cytology and Histology:** a continuation of 454, including the technique in connection with the preparation of materials for cytological and histological studies.

2 lectures and 6 laboratory hours a week, one term: 2½ credits.

Prerequisite: Botany 454.

Text-books and References: Sharp, *Introduction to Cytology.*
Wilson, *The Cell in Development and Heredity.*
Cawdry, *General Cytology.*
Lee, *The Microtomist's Vade-Mecum.*

Courses Leading to M.A.

553. **Plant Geography:** a course of discussions and readings on the distribution of plants and related topics: 2 credits.

References: Schimper, *Plant Geography.*
Hardy, *The Geography of Plants.*
The National Geographic Magazine.
Campbell, *Plant Geography.*
Encyclopaedia Britannica.

555. **Plant Genetics:** a course of lectures, discussions, and readings on plant breeding and associated topics: 2 credits.

Text-book: Sinnot and Dunn, *Principles of Genetics.*
References: Coulter and Coulter, *Plant Genetics.*
Underwood, *New Creations in Plant Life.*
Punnett, *Mendelism.*
De Vries, *Species and Varieties—Their Origin by Mutation.*
Babcock and Clausen, *Genetics, in Relation to Agriculture.*
Articles in various Magazines: Genetics, etc.

556. **Applied and Economic Botany:** a course dealing with the recognition of plant foods, fibres, adulterants, poisonous products, weed seeds, etc.

Discussions and 6 laboratory hours a week for both terms: 3 credits.

Text-books and References: Hanausek, *Microscopy of Technical Products.*
Winton, *Microscopy of Vegetable Foods.*
Kraemer, *Applied and Economic Botany.*
Sargent, *Plants and their Uses.*
Brown, *Forest Products, their Manufacture and Use.*
Winton and Winton, *The Structure and Composition of Foods.*

559. **Research Problems in Plant Anatomy, Plant Ecology, Phytopathology or Mycology.**

561. **Advanced Phytopathology:** a course dealing with the symptoms, causes and control of the diseases of economic plants.

2 lectures and 6 laboratory hours a week: 5 credits.

Text-books and References: Stevens, *Plant Disease Fungi.*
Stevens, *Diseases of Economic Plants.*
Heald, *Manual of Plant Diseases.*
Healer and Whetzel, *Manual of Fruit Diseases.*
Taubenhaus, *Diseases of Truck Crops.*
Chupp, *Manual of Vegetable-Garden Diseases.*
Mason, *Spraying, Dusting, and Fumigating of Plants.*
Bulletins, Periodicals, etc.

DEPARTMENT OF ZOOLOGY

A. D. ROBERTSON, M.A., F.A.A.A.S., Professor
HELEN BATTLE, PH.D., F.A.A.A.S., Associate Professor
MARGARET MACKENZIE, B.A., Technician and Demonstrator
PAUL ELSON, B.A., Demonstrator
W. S. HOAR, B.A., Demonstrator
MARY MCEWEN, B.A., Demonstrator
J. C. MEDCOF, B.A., Demonstrator
J. A. STEVENSON, B.A., Demonstrator

Assumption College

REV. T. A. MACDONALD, M.A., Professor

Waterloo College

ROY J. E. HIRTLE, M.Sc., Professor

Students taking work in this department will be required to make a deposit of two dollars with the Bursar to cover supplies and breakages. A refund of any surplus will be made at the end of the college year.

10. **Elementary Zoology:** a course dealing with the principles of Animal Biology, illustrated by typical animal forms. First term, Invertebrate; second term, Vertebrate.

2 lectures and 3 laboratory hours a week: 3½ credits.

Prerequisite: Complete college entrance requirements.

Text-book: Wolcott, *Animal Biology.*

21. **Chordate Zoology**: for General Course students; a course dealing with selected Chordate types from the functional and comparative points of view. First term, Mammalian Anatomy (prescribed for second year students taking the Nurses' Course); second term, General Chordate Zoology.

2 lectures and 4 laboratory hours a week: 4 credits.

Prerequisites: Zoology 10 or Biological Science 11 with 60 per cent.

Text-books: Crabb, *Principles of the Functional Anatomy of the Rabbit.*
Adams, *An Introduction to the Vertebrates.*

32b. **Elementary Experimental Zoology:** for General Course students; an introductory course in simple physiological principles and elementary experimental studies on animals.

2 lectures and 4 laboratory hours a week: 2 credits.

Prerequisite: Zoology 21.

Text-book: Rogers, *Comparative Physiology.*

33a. **Elementary Animal Ecology:** for General Course students; a course dealing with the environmental relationships of animals, including their geographical distribution.

2 lectures and 4 laboratory hours a week: 2 credits.

Prerequisite: Zoology 21.

Text-book: Borradaile, *The Animal and Its Environment.*

44a. **Microscopic Anatomy of Animals:** for General Course students; a course dealing with the elementary principles of microscopic structure and development of animals.

2 lectures and 4 laboratory hours a week: 2 credits.

Prerequisite: Zoology 21.

Text-book: Dahlgren and Kepner, *Principles of Animal Histology.*

46b. **Elementary Principles of Genetics:** for General Course Students; a course dealing with inheritance.

2 lectures and 4 laboratory hours a week: 2 credits.

Prerequisite: Zoology 21.

Text-book: Sinnott and Dunn, *Principles of Genetics.*

Honour Courses

250b. This course is offered in two parts:(I) **Invertebrate Zoology,** dealing with selected invertebrate types; (II) **Chordate Zoology,** dealing with the lower chordates and selected vertebrate forms.

2 lectures and 6 laboratory hours a week: 2½ credits.

Prerequisite: Junior Group 1.

Text-books: Wolcott, *Animal Biology.*
Holmes, *Biology of the Frog.*
Parker and Haswell, *Text-book of Zoology, Vol. II.*

350. **Comparative Anatomy:** for Honour Biology, Geology and B.A., M.D. students; a course dealing with the structure and evolution of the Chordates.

2 lectures and 6 laboratory hours a week: 5 credits.

Prerequisites: Zoology 260 and Botany 250.

Text-books: Kingsley, *Comparative Anatomy of the Vertebrates.*
Newman, *Vertebrate Zoology.*
Hyman, *A Laboratory Manual for Elementary Zoology.*
Hyman, *A Laboratory Manual for Comparative Anatomy.*
Holmes, *Biology of the Frog.*
Bruner, *Laboratory Directions in College Zoology.*
Benaley, *Anatomy of the Rabbit.*

357. **History and Theory of Biology:** for students in Honour Science Courses; a course dealing with the history, theory and problems of Biology.

2 lectures a week: 2 credits.

Prerequisites: Zoology 260 and Botany 250.

Text-books: Newman, *Readings in Evolution, Genetics and Eugenics.*
Lindsey, *Text-book of Evolution and Genetics.*
Locy, *Biology and its Makers.*
Locy, *The Growth of Biology.*
Nordenskiold, *A History of Biology.*
Sinnott and Dunn, *Principles of Genetics.*

451. **Animal Phylogeny:** for students in Honour Zoology; a course dealing with the phylogenetic relationships of animals, with particular attention to vertebrate descent.

4 laboratory hours a week: 2 credits.

Prerequisite: Zoology 350.

Text-books: Pratt, *Manual of the Common Invertebrate Animals.*
Pratt, *Manual of Vertebrate Animals.*
Newman, *Vertebrate Zoology.*

452. **Experimental Zoology:** for students in Honour Biology; a survey course dealing with the application of general physical and chemical principles to biological phenomena;

elementary cellular physiology and animal metabolism in protozoans, coelenterates, worms, molluscs and vertebrates; regeneration, tropisms, growth, reproduction.

8 laboratory hours a week: 4 credits.

Prerequisite: Zoology 350.

Text-books: Rogers, *Comparative Physiology.*
Rogers, *Laboratory Outline in Comparative Physiology.*
Bayliss, *Principles of General Physiology.*
Bayliss, *Introduction to General Physiology.*

453. **Animal Ecology:** for Honour Biology students; a course in descriptive and physical animal ecology and zoogeography. In this course special problems will be assigned to the students.

2 lectures and 6 laboratory hours a week for one term: 2½ credits.

Prerequisites: Zoology 350 and Botany 360.

References: Ward and Whipple, *Fresh Water Biology.*
Needham and Lloyd, *Life in Inland Waters.*
Shelford, *Animal Communities in Temperate America.*
Borradaile, *The Animal and Its Environment.*
Pearse, *Animal Ecology.*
Chapman, *Animal Ecology with Special References to Insects.*
Wallace, *The Geographical Distribution of Animals.*

454a. **Histology:** for Honour Biology students; a course dealing with the histology and cytology of animals.

8 laboratory hours a week: 2 credits.

Prerequisites: Zoology 350 and Botany 360.

Text-books: Jordan, *Text-book of Histology.*
Bremer, *Text-book of Histology.*
Maximov-Bloom, *Text-book of Histology.*
Dahlgren and Kepner, *Principles of Animal Histology.*

454b. **Embryology:** for Honour Biology students; a course dealing with the embryology of animals.

8 laboratory hours a week: 2 credits.

Prerequisites: Zoology 350 and Botany 360.

Text-books: McEwen, *Text-book of Vertebrate Embryology.*
Wieman, *An Introduction to Vertebrate Embryology.*
Balfour, *Comparative Embryology.*

456. **Laboratory Technique:** an optional course offered for undergraduate students in Zoology who desire training of this nature.

1 lecture and 2 laboratory hours a week: 2 credits.

Courses Leading to the M.A. Degree

550. **Comparative Anatomy.**
551. **Phylogeny.**
552. **Experimental Zoology.**
553. **Ecology.**
554. **Histology.**
555. **Genetics.**
556. **Laboratory Technique.**
557. **History and Theories of Biology.**
558. **Seminar.**
559. **Research.**
564. **Embryology.**

DEPARTMENT OF BUSINESS ADMINISTRATION

P. H. HENSEL, M.B.A.,	Professor
*L. W. SIPHERD, M.B.A.,	Assistant Professor
W. A. THOMPSON, M.B.A.,	Assistant Professor
C. C. CARROTHERS, B.A., LL.B.,	Lecturer
R. A. BARRETT, B.A., M.B.A.,	Instructor
A. J. LITTLE,	Student Assistant
F. W. MARSDEN,	Student Assistant

Students taking courses in this department will be charged a laboratory fee of four dollars in each of the second, third and fourth years.

20. **Introduction to Business Organization:** the basic general principles underlying business administration. General business organization, promotion of business enterprises, business finance, industrial management, marketing.

2 hours a week: 2 credits.

Text-book: Gilbert and Gragg, *Introduction to Business.*

25b. **Tabular and Graphic Construction:** instruction and practice involved in graphic and tabular methods of analysis and presentation.

1 hour a week, one term: ½ credit.

*On leave, 1934-1935.

30. **Accounting and Bookkeeping:** this course is prescribed for Secretarial Science students.

2 hours a week: 2 credits.

Text-book: Jackson, Sanders and Sproul, *Bookkeeping and Business Knowledge.*

36. **Commercial Arithmetic:** interest, discount, commission, duties and customs, stocks and investments, partnership settlements, partial payments, equating or averaging accounts, compound interest, exchange; retail store mathematics.

2 hours a week: 2 credits.

200. **Accounting:** actual cases reflecting accounting policies; application of policies; published financial statements and statements to creditors; significance to stockholders, creditors and competitors of different methods of reporting business conditions; determination of accounting policies. For students in Honour Economics.

2 hours a week: 2 credits.

Text-book: Balon and Eckelberry, *Introduction to Accounting.*

250. **Elementary Accounting:** A study of bookkeeping and financial statement procedure, including the development of modern accounting records, special journals, work sheets and working papers and an introduction to partnership and corporation accounting. Laboratory practice forms part of the year's work.

3 lectures and 2 laboratory hours a week: 3 credits.

Text-book: Hosmer, Sanders and Hanson, *Problems in Accounting.*

251. **Marketing:** the first half of the course deals with the methods of marketing consumer goods and wholesale distribution; the second half-year with methods of marketing industrial goods. The problem method will be used; collateral readings; written reports.

3 hours a week: 3 credits.

Text-book: M. T. Copeland, *Problems in Marketing.*

255. **Business Statistics:** the importance of statistics to the business executive; the use and interpretation of business and economic statistics. Laboratory work is planned to develop the student's ability in presenting statistical data graphically.

2 lectures, 2 laboratory hours (every two weeks): 3 credits.

Text-books: Snider, *Business Statistics.*
Current Statistical Publications.

306a. **Business Papers:** receipts, releases, promissory notes, chattel notes, lien notes, instalment notes, drafts, bills of exchange, orders, due bills, deposit slips, cheques, bank drafts, draft requisitions, deposit receipts, bank pass books, bills, invoices, credit invoices, accounts, monthly statements, warehouse receipts, bills of lading, freight bills, proxies, powers of attorney, agreements, bonds, debentures, leases, instalment scrips, stock certificates, stock transfers.

3 hours a week: 1½ credits.

350a. **Intermediate Accounting:** A study of problems of valuation; preparation of accounting statements, principles of analysis, statement of funds—sources and application; assets, liabilities, capital stock, surplus and reserves.

3 hours a week: 1½ credits.

Text-book: Taylor and Miller, *Intermediate Accounting, Vol. I.*

353. **Finance Problems:** individual investment policies, administration of investment houses, commercial banks and finance companies; the financial problems of a business and its relations with financial institutions.

3 hours a week: 3 credits.

Text-book: C. E. Fraser, *Problems in Finance.*

354. **Industrial Management:** particularly the management of manufacturing concerns. Excursions to plants form part of the course.

3 hours a week: 3 credits.

Text-book: Robbins and Folts, *Industrial Management.*

356b. **Commercial Law:** the principles of contract law from the elements to the remedies for breach; such phases as agency, banking and bills of exchange, partnerships, corporations and foreign judgments.

3 hours a week: 1½ credits.

Text-books: Anson, *Contracts.*
Falconbridge, *Banking and Bills of Exchange.*

360b. **Cost Accounting:** A complete study of the internal operations of a manufacturing business, and the methods and plans necessary to operate a cost system. Labour problems, overhead, distribution and handling of materials are considered in detail.

3 hours a week: 1½ credits.

Text-book: Sanders, *Cost Accounting for Control.*

450a. **Advanced Accounting:** A study of consignment; accounting for instalment sales; branch house accounting; mergers; holding companies; consolidated balance sheets and profit and loss statements; receivership accounting; statement of affairs; realizations and liquidations; dissolution of partnerships; accounting for estates and trusts.

3 hours a week: 1½ credits.

Text-books: Hensel, *Problems in Advanced Accounting.*
Taylor and Miller, *Intermediate Accounting, Vol. II.*

451a. **Sales Management:** a practical course in the study of marketing from the viewpoint of the manufacturer; actual cases; outside readings, a term report from each student on a sales problem of a Canadian manufacturer.

3 hours a week: 1½ credits.

Text-book: Tosdal, *Introduction to Sales Management.*

454. **Insurance Problems:** the course will be handled entirely by Insurance Company executives.

2 hours a week: 2 credits.

458. **Executive Problems:** designed to co-ordinate the courses of the department and to emphasize problems of business policy. From time to time, business executives appear before the class to discuss specific problems of their businesses.

3 hours a week: 3 credits.

Text-books: Current Case Materials.
Hensel, *Problems in Business History.*

459. **Research:** a report covering the constructive and finished investigation of a major problem, chosen in consultation with the head of the department and the instructor under whose guidance the investigation is made.

3 credits.

460b. **Auditing:** A study of the duties and responsibilities of the auditor, the kinds of audits and audit programs, with detailed emphasis on audit procedure.

3 hours a week: 1½ credits.

Text-books: Hanson, *Problems in Auditing.*
Smails, *Auditing.*

461b. **Foreign Trade:** a practical and theoretical study from the viewpoint of the business executive. Canada's position in world trade is given adequate attention.

3 hours a week: 1½ credits.

Text-book: Roorbach, *Problems in Foreign Trade.*

471. **Advertising:** the place and function of advertising in business; the relation of advertising to the other functions in business management. The course touches only incidentally on the technique of advertising.

2 hours a week: 2 credits.

Text-book: Borden, *Problems in Advertising.*

One Year Intensive Course for Graduate Students

The purpose of this course (see pages 75-76) is to emphasize a few fundamental principles involved in accounting, finance, production and distribution.

5x0a. **Accounting:** broad principles of accounting; analysis of financial statements.

3 hours a week: 1½ credits.

5x1. **Distribution:** principles of marketing and advertising; sales and advertising management; the physical distribution of commodities.

3 hours a week: 3 credits.

5x3a. **Finance:** financial management of corporations; the accumulation and distribution of profits, the care and preservation of property, the financing of mercantile and manufacturing establishments, and the handling of various forms of securities.

3 hours a week: 1½ credits.

5x4. **Industrial Management:** principles of factory management; industrial relations; problems of industrial organization, production, distribution and finance.

3 hours a week: 3 credits.

5x5a. **Statistics and Statistical Services:** application of business theories to practical problems; methods of industrial analysis.

3 hours a week: 1½ credits.

5x8. **Executive Problems:** a co-ordination of the work of the first semester through the analysis of outstanding current problems in production, marketing, finance and accounting; the executive point of view is stressed.

3 hours a week: 3 credits.

5x9b. **Thesis:** the report of an original investigation.

3 hours a week: 1½ credits.

Courses Leading to the M.A. Degree

The Department of Business Administration offers graduate work in business leading to the degree of M.A. in Business Administration. The hours and credits to be assigned for M.A. courses will be decided by the Department. Students desiring to take this work should consult the Head of the Department at as early a date as possible before the opening of the autumn term.

DEPARTMENT OF CHEMISTRY

University College

J. A. GUNTON, M.A., PH.D., F.C.I.C.,	Professor
JAMES W. BURNS, M.Sc., F.C.I.C.,	Associate Professor
C. SIVERTZ, B.A., PH.D.,	Assistant Professor
K. W. HUNTEN, PH.D.,	Instructor
W. W. STEWART, PH.D.,	Senior Demonstrator
HUGH CREECH, B.A.,	Demonstrator
HORACE DE LUCA, B.A.,	Demonstrator
GERTRUDE ROWNTREE, B.A.,	Demonstrator
D. D. CARR-HARRIS, B.A.,	Demonstrator
J. W. SYMONS, B.A.,	Demonstrator
F. W. PYE,	Instrument Maker
JOHN DRAKE,	Curator

Assumption College

REV. T. A. MACDONALD, M.A.,	Professor
SISTER MARY HENRIETTA, B.A.,	Lecturer

Waterloo College

ROY J. E. HIRTLE, M.Sc.,	Professor

Students taking work in this department will be required to make a deposit of five dollars per laboratory course at the time of registration to cover breakages. Any remainder will be refunded through the office of the Executive Secretary at the end of the college year.

10. **General Chemistry:** a course of lectures and laboratory work. The laboratory work consists of experiments covering the principles of General Chemistry and Qualitative Analysis.

2 lectures, 3 laboratory hours a week: 3½ credits.

Text-books: Cornish, *Senior Chemistry* (Copp Clark).
Deming, *General Chemistry* (Wiley).
Engelder, *Qualitative Analysis* (Wiley).
Moodey, *Qualitative Analysis* (Heinemann).

11b. **Physical Science:** for Groups 2, 3 and 4; a course of lectures and demonstrations dealing with the philosophy and applications of Chemistry. Each of the following topics is studied from the standpoint of experimental evidence, merits and application: Structure of Matter; Changes in Matter and Equilibria; Theories of Solution; Organic Chemistry. See Physical Science 11b, page 161.

2 lectures and 2 hours laboratory or demonstration a week: 1½ credits.

22. **Qualitative and Quantitative Analysis:** a laboratory course covering the principles of Qualitative and Quantitative Analysis. Optional in the Senior Group of the General Course.

1 lecture, 5 laboratory hours a week: 3 credits.

Prerequisite: Chemistry 10.

Text-book: G. McP. Smith, *Quantitative Analysis* (Macmillan).

22aN. Second Course for B. Sc. in Nursing students, dealing with various aspects of analytical and organic chemistry.

2 lectures, 3 laboratory hours a week: 1½ credits.

Prerequisite: Chemistry 10.

Text-books: McLeod, *Chemistry for Nurses.*
McLeod and Nason, *Chemistry and Cookery.*

33. **Organic Chemistry:** a course of lectures dealing with the aliphatic and aromatic hydrocarbons and their derivatives; the carbohydrates, proteins and alkaloids. The laboratory work parallels the lectures and consists of the preparation and identification of some of the more common carbon compounds. Optional in the Senior Group (page 70).

2 lectures, 3 laboratory hours a week: 3½ credits.

Prerequisite: Chemistry 10.

Text-books: Taylor, *Short Organic Chemistry* (Heinemann).
Burns, *Laboratory Manual in Organic Chemistry.*

44. **Physical Chemistry:** a descriptive and non-mathematical treatment of the principles which govern reactions in chemical systems; optional in the Senior Group (page 70).

2 lectures, 3 laboratory hours a week: 3½ credits.

Prerequisites: Chemistry 10, 22, 33.

Honour Courses

The Honour student will be expected to write a comprehensive examination at the end of his fourth year. It will be valued at 3 credits.

200. **Second Course in Chemistry:** for Honour Science students. Chemical principles from a quantitative viewpoint.

2 lectures and 4 laboratory hours a week: 4 credits.

Text-books: Chapin, *Second Year College Chemistry.*
Chapin, *Exercises in Second Year Chemistry* (Wiley).

250. **Second Course in Chemistry:** for Honour Chemistry students. Chemical principles from a quantitative viewpoint.

2 lectures, 11 laboratory hours a week, first term:

2 lectures, 5 laboratory hours a week, second term: 6 credits.

Text-books: Chapin, *Second Year College Chemistry.*
Chapin, *Exercises in Second Year Chemistry* (Wiley).

252b. **Quantitative Analysis.**

1 lecture and 6 laboratory hours a week, second term: 2½ credits.

Text-book: Hall, *Quantitative Analysis* (Wiley).

257a. **History and Literature of Chemistry.**

1 lecture a week: ½ credit.

303. **Organic Chemistry:** a course of lectures and laboratory exercises dealing with carbon compounds. Prescribed for third year Honour Biology, B.A., M.D., and Honour Chemistry students.

2 lectures, 1 recitation, 3 laboratory hours a week: 4 credits.

Prerequisite: Chemistry 10, 200 or 250.

Text-book: Schmidt, *A Text-book of Organic Chemistry* (Gurney and Jackson).

354. **Elementary Physical Chemistry:** a systematic derivation of the principles which govern reactions in chemical systems; for third year Honour Chemistry students.

2 lectures and 6 laboratory hours a week: 5 credits.

Prerequisite: Chemistry 10, 250.

Text-books: Maass and Steacie, *Physical Chemistry* (Wiley) or
Getman and Daniels, *Principles of Theoretical Chemistry* (Wiley).
Partington and Tweedie, *Calculation in Physical Chemistry* (Blackie).

444. **Physical Chemistry:** a descriptive and non-mathematical treatment of the principles which govern reactions in chemical systems, with discussion of their application to the other branches of science and the industries.

2 lectures, 3 laboratory hours a week: 3½ credits.

Prerequisites: Chemistry 10, 22, 33.

451a. **Electrochemistry:**

2 lectures, 4 laboratory hours a week: 2 credits.

Prerequisite: Chemistry 354 or 444.

Text-book: Creighton and Fink, *Principles of Electrochemistry* (Wiley).

453. **Advanced Organic Chemistry:** for fourth year Honour Chemistry students.

2 lectures and 3 laboratory hours a week: 3½ credits.

Prerequisite: Chemistry 303.

Text-books: Thorpe and Whitely, *Organic Chemical Analysis* (Longmans, Green).
Schmidt, *Organic Chemistry*.
Read, *Organic Chemistry* (Bell).
Taylor, *Reactions and Symbols of Carbon Compounds* (Century).

454. **Advanced Physical Chemistry:** This course is studied in three parts in the order named: (I) 8 lectures in Mathematical Preparation, (II) 21 lectures on Introduction to Thermodynamics, (III) 21 lectures on Chemical Phenomena from the point of view of Thermodynamics and Kinetic Theory of Matter.

There will be 6 examinations during the year on the problems and theory of the work.

2 lectures and 4 laboratory hours a week: 4 credits.

Prerequisite: Chemistry 354 or 444.

Text-books: Daniels, *Mathematical Preparation for Students of Physical Chemistry* (McGraw-Hill).
Sivertz, *Outline of Thermodynamics*.
Getman-Daniels, *Outline of Theoretical Chemistry*.
Butler, *The Fundamentals of Thermodynamics, Parts I and II* (Macmillan)

455b. **Colloid Chemistry:**

2 lectures, 4 laboratory hours a week: 2 credits.

Prerequisite: Chemistry 200 or 250.

Text-book: Kruyt, *Colloids* (Wiley).

458. **Seminar:** presentation of papers on topics selected from the current chemical journals, dealing with the more recent and fundamental developments of the science; prescribed for fourth year Honour Chemistry students and desirable for all students majoring in Chemistry. It will be valuable in preparation for the comprehensive examination, of which it forms a part.

459. **Research:** special topics and laboratory methods in the field of the student's individual interest. The second term

will be devoted to a research problem upon which a report will be required as a senior thesis. For fourth year Honour Chemistry students.

9 hours a week: 2 credits, first term; 3 credits, second term.

Courses Leading to M.A.

551, 552, 553 or 554. Advanced work in Inorganic, Analytical, Organic or Physical Chemistry.

558. **Seminar and Comprehensive Examination.**

559. **Research:** to be arranged.

DEPARTMENT OF CLASSICS

University College

H. W. AUDEN, M.A.,	Professor
PRESIDENT W. S. FOX, PH.D., D.LITT., LL.D.,	Professor
DEAN K. P. R. NEVILLE, PH.D.,	Professor
R. E. K. PEMBERTON, M.A.,	Assistant Professor
*J. D. RALPH, B.A.,	Assistant Professor
D. O. ROBSON, M.A., PH.D.,	Assistant Professor
MRS. RHENA K. ROBSON, M.A.,	Assistant

Alma College

PRINCIPAL PERRY S. DOBSON, M.A., D.D.,	Professor

Assumption College

REV. J. B. WALSH, B.A.,	Lecturer
REV. G. J. THOMPSON, B.A.,	Lecturer

Ursuline College

REV. P. F. POCOCK, B.A., J.C.D.,	Instructor

Waterloo College

DEAN WILLIS C. FROATS, M.A., B.PAED.,	Professor
REV. C. H. LITTLE, B.A., S.T.D., D.D.,	Professor of Biblical Greek
O. F. BALE, M.A.,	Assistant Professor
W. H. JOHNS, PH.D.,	Assistant Professor

*On leave, first term, 1934-35.

Huron College

PRINCIPAL C. C. WALLER, M.A., D.D., Professor
REV. F. ANDERSON, M.A., D.D., Professor
REV. J. H. CRAIG, M.A., B.D., Lecturer

LATIN

Each student in any of the Latin courses is required to have at least one of the following Latin grammars: Bennett, Allyn and Bacon, Boston; Allen and Greenough, Ginn & Co., New York; Gildersleeve and Lodge, Heath & Co., Boston; and an Elementary Latin Dictionary, American Book Co.

Pass students may find Allen's Elementary Latin Grammar (Clarendon Press) sufficient

10. Selections from Latin Prose; Latin Poetry, selections; composition and sight translation.

3 hours a week: 3 credits.

Prerequisite: Middle School Latin.

Text-books: Neville *et al.*, *Selections from Latin Prose, Part II.* (Macmillan).
Neville *et al.*, *Latin Poetry Book, Part II* (Macmillan).
Tracy and Law, *Latin Prose Composition* (Clarke, Irwin).

20. Pliny, *Letters;* Sallust, *Jugurtha;* Virgil, *Aeneid VI;* selected Latin poetry; composition; sight translation.

4 hours a week: 4 credits.

Prerequisite: Latin 10 or Upper School Latin.

Text-books: C. Georgin, *Pline le Jeune, Lettres Choisies* (Hatier).
Page, *Virgil, Aeneid I-VI* (Macmillan).
W. C. Summers, *C. Sallusti Crispi Jugurtha* (Cambridge).
Rieu, *A Book of Latin Verse* (Oxford).
North and Hillard, *Latin Composition* (Rivington).

24. **Mediaeval Latin:** (a) a survey of Mediaeval Latin, (b) Classical Thought with special reference to Drama, Philosophy, etc. For students in all Modern Languages and optional for selected students in other Honour Courses. Offered in University College only.

3 hours a week: 3 credits.

25x. **Introduction to Mediaeval Latin:** Cicero, *De Amicitia;* St. Ambrose, *Hymns and Homilies;* St. Augustine, *Confessions;* a comparative study of the thought and style of Cicero and St. Augustine; syntax and composition. Offered in Ursuline College only.

3 hours a week: 3 credits.

30. Cicero, *De Amicitia;* Catullus; Virgil, selections from the *Bucolics* and *Georgics;* Tacitus, *Agricola;* lectures on the literature and the history of the Republic; composition, sight translation.

3 hours a week: 3 credits.

Prerequisite: Latin 20.

Text-books: E. P. Simpson, *Select Poems of Catullus* (Macmillan).
E. W. Bowen, *Cicero's De Amicitia* (Heath).
Page, *Virgil, Bucolics and Georgics* (Macmillan).
Church and Brodribb, *Tacitus, Agricola and Germania* (Macmillan).
Auden, *Latin Composition* (Blackwoods).

35x. **Survey of Mediaeval, Scholastic and Ecclesiastical Latin** from the death of St. Augustine to the present; lectures on Latin style and culture of the period; syntax and composition. Offered in Ursuline College only.

3 hours a week: 3 credits.

40. Horace, *Satires;* Juvenal, *Satires;* Virgil, *Aeneid I-V;* composition; sight translation.

3 hours a week; 3 credits.

Prerequisite: Latin 30.

Text-books: E. P. Morris, *Horace, Satires and Epistles* (American).
Hardy, *Juvenal* (Macmillan).
Page, *Virgil, Aeneid I-VI* (Macmillan).

Honour Courses

Comprehensive examinations will be set for all Honour students at the end of their fourth year.

Every honour student is expected to possess: Gow, *A Companion to School Classics* (Macmillan).

207b. **Roman History:** from the earliest times down to the end of the period of the Antonines. Lectures, readings and reports. Prescribed for students in Honour Classics and optional with the consent of the instructor for other qualified students.

2 hours a week: 1 credit.

Text-books: Botsford, *History of Rome* (Macmillan) or
Frank, *Economic History of Rome* (Johns Hopkins Press) or
Pelham, *Outlines of Roman History* (Rivington).

230. Cicero, *De Amicitia;* Catullus; Virgil, selections from *Bucolics* and *Georgics;* Tacitus, *Agricola;* the literature and the history of the Republic.

2 hours a week: 2 credits.

Prerequisite: Group 4, page 69.

Text-books: Simpson, *Select Poems of Catullus* (Macmillan).
Bowen, *Cicero, De Amicitia* (Heath).
Page, *Virgil, Bucolics and Georgics* (Macmillan).
Church and Brodribb, *Tacitus, Agricola and Germania* (Macmillan).

250. Selections from **Propertius, Tibullus, Ovid;** Horace, *Epistles;* Cicero, *De Senectute.*

1 hour a week: 1 credit.

Prerequisite: Group 4, page 69.

Text-books: K. P. Harrington, *The Roman Elegiac Poets* (American).
E. P. Morris, *Horace, Satires and Epistles* (American).
E. W. Bowen, *Cicero, De Senectute* (Heath).

251. **Composition and sight translation.**

2 hours a week: 2 credits.

Prerequisite: Group 4, page 69.

340. Horace, *Satires* and *Odes;* Juvenal, *Satires;* Virgil, *Aeneid I-V.*

2 hours a week: 2 credits.

Prerequisite: Latin 230.

Text-books: E. P. Morris, *Horace, Satires and Epistles* (American).
Hardy, *Juvenal* (Macmillan).
Page, *Horace, Odes* (Macmillan).
Page, *Virgil, Aeneid I-VI* (Macmillan).

350. **Cicero:** the history of his life and times. *De Officiis, Pro Milone, Philippic II, Letters.*

2 hours a week: 2 credits.

Prerequisite: Latin 230, 250.

Text-books: Holden, *Cicero De Officiis III* (Cambridge).
How, *Cicero's Select Letters* (Oxford).

351. **Composition and sight translation.**

1 hour a week: 1 credit.

Prerequisite: Latin 251.

352. **Roman Comedy** and an introduction to the history of the Latin Language.

1 hour a week: 1 credit.

Prerequisite: Latin 230, 250.

Text-books: Fairclough, *The Trinummus of Plautus* (Macmillan).
Bond and Walpole, *Terence, Phormio* (Macmillan).

450. **Roman Historians,** with special reference to Livy and Tacitus.

2 hours a week: 2 credits.

Prerequisite: Latin 340, 350, 352.

Text-books: C. Georgin, *Tite-Live, Histoire, Extraits* (Hatier).
Furneaux, *Tacitus, Annals I-IV* (Oxford).

451. **Composition and sight translation.**

1 hour a week: 1 credit.

Prerequisite: Latin 351.

452. Cicero, *Pro Archia; In Catilinam;* Virgil, *Aeneid, VII-XII;* Lucretius *I-III;* Quintilian, Book *X*.

2 hours a week: 2 credits.

Prerequisites: Latin 340, 350, 352.

Text-books: J. H. W. Lee, *Lucretius, De Rerum Natura I-III* (Macmillan).
Peterson, *Quintilian, Bk. X* (School Edition) (Oxford).
Page, *Virgil, Aeneid, VII-XII* (Macmillan).

453. **Philology, Epigraphy, Palaeography, Archaeology:** lectures and readings.

3 hours a week, one term: 1½ credits.

Prerequisites: Latin 340, 350, 352.

Reference: Laurand, *Manuel des Etudes Grecques et Latines* (Picard).

GREEK

1. **Elementary Greek:** a preparatory course leading up to the standard of Matriculation (omitting Homer) and designed for those who wish to begin the study of Greek after entering the University.

In order that this course may count for credit towards a degree Greek must be studied for three years. Arts students, on completing this course, will take Greek 10 and 20. Theological students, on completing this course, will take Greek 25 and 35.

4 hours a week: 4 credits.

Prerequisite: complete college entrance without Greek.

Text-books: White, *First Greek Book* (Ginn).
Philpotts and Jerram, *Easy Selections from Xenophon*, Chapters 4, 5 (Macmillan).
Colson, *Greek Reader, Pt. IV* (Macmillan).

10. Xenophon, *Hellenica;* Colson's *Greek Reader, Part VIII;* Homer, *Iliad I*, 1-363, 428-492, 560-600; composition; sight translation.

3 hours a week: 3 credits.

Prerequisite: Junior Matriculation Greek or Greek 1.

Text-books: J. S. Philpotts, *Selections Adapted from Xenophon*, Sections, I, II, III (Oxford).
Colson, *Greek Reader* (Macmillan).
Wainwright, *Homer, Iliad, Book I*.
North and Hillard, *Greek Prose Composition* (Copp, Clark).

20. Plato, *Apology;* Thucydides *IV;* Euripides, *Hippolytus;* Demosthenes, *In Cononem, In Calliclem;* composition; sight translation.

4 hours a week: 4 credits.

Prerequisite: Greek 10 or Honour Matriculation Greek.

Text-books: G. Stock, *Plato, Apology and Crito* (Oxford).
C. E. Graves, *Thucydides IV* (Macmillan).
Swift, *Demosthenes Against Conon and Callicles* (Methuen).
North and Hillard, *Greek Prose Composition* (Copp, Clark).

30. Sophocles, *Antigone;* Aeschylus, *Prometheus Vinctus;* Herodotus, *VII;* lectures on the theatre and the development of the drama; composition; sight translation.

3 hours a week: 3 credits.

Prerequisite: Greek 20.

Text-books: R. C. Jebb, *Sophocles, Antigone* (Cambridge).
Allen-Wecklein, *Aeschylus, Prometheus* (Ginn).
A. Sidgwick, *Greek Prose Composition* (Ginn).
A. F. Butler, *Herodotus VII* (Macmillan).

40. Sophocles, *Oedipus Rex;* Euripides, *Iphigenia in Tauris;* Aristophanes, *Clouds;* lectures on the social, religious and political life of Athens in the age of Pericles; composition; sight translation.

3 hours a week: 3 credits.

Prerequisite: Greek 30.

Text-books: Campbell and Abbott, *Sophocles, Oedipus Rex* (Oxford).
E. B. England, *Euripides, Iphigenia in Tauris* (Macmillan).
W. W. Merry, *Aristophanes, Clouds* (Oxford).
A. Sidgwick, *Greek Prose Composition* (Ginn).

Honour Courses

Comprehensive examinations will be demanded of each student at the end of the fourth year.

Every honour student is expected to possess: Gow, *A Companion to School Classics* (Macmillan).

207a. **Greek History:** from earliest times down to 146 B.C. Lectures, readings and reports. Prescribed for students in Honour Classics and optional with the consent of the instructor for other properly qualified students.

2 hours a week: 1 credit.

Text-book: Bury, *History of Greece.*

230. Euripides, *Medea;* Sophocles, *Antigone;* Aeschylus, *Prometheus Vinctus;* Herodotus *VII;* the theatre and the drama.

2 hours a week: 2 credits.

Prerequisite: Group 4, page 69.

Text-books: R. C. Jebb, *Sophocles, Antigone* (Cambridge).
Moore-Allen, *The Medea of Euripides* (Ginn).
Allen-Wecklein, *Aeschylus, Prometheus* (Ginn).
A. F. Butler, *Herodotus VII* (Macmillan).

251. **Composition and sight translation.**

2 hours a week: 2 credits.

Prerequisite: Group 4, page 69.

Text-book: Sidgwick, *Greek Prose Composition* (Ginn).

340. Euripides, *Iphigenia in Tauris;* Aristophanes, *Clouds;* Sophocles, *Oedipus Rex.*

2 hours a week: 2 credits.

Prerequisite: Greek 230.

Text-books: Campbell and Abbott, *Sophocles, Oedipus Rex* (Oxford).
E. B. England, *Euripides, Iphigenia in Tauris* (Macmillan).
W. W. Merry, *Aristophanes, Clouds* (Oxford).

350. Homer, *Odyssey* (selections); Thucydides *I, II, III.*

2 hours a week: 2 credits.

Prerequisite: Greek 230.

Text-books: Merry and Riddell, *Homer's Odyssey* (Oxford).
E. C. Marchant, *Thucydides I, II, III* (Macmillan).

351. **Composition and sight translation.**

1 hour a week: 1 credit.

Prerequisite: Greek 251.

Text-book: Sidgwick, *Greek Prose Composition* (Ginn).

352. **Introduction to Greek Philosophy:** Plato *Republic, I-IV.*

1 hour a week: 1 credit.

Prerequisite: Greek 230.

Text-book: *Plato, Republic* (Oxford Classical Texts).

353. Homer, *Iliad IX, XVIII, XXII;* Sophocles, *Oedipus Coloneus;* Theocritus.

1 hour a week: 1 credit.

Prerequisite: Greek 230.

Text-books: D. B. Monro, *Homer's Iliad* (Oxford).
Campbell and Abbott, *Sophocles, Oedipus Coloneus* (Oxford) (Jebb's Edition, Abridged).

450. Aeschylus, *Agamemnon;* Demosthenes, *De Corona;* Aeschines, *In Ctesiphontem;* selections from Lysias.

2 hours a week: 2 credits.

Prerequisite: Greek 340, 350.

Text-books: A. Sidgwick, *Aeschylus, Agamemnon* (Oxford).
E. S. Shuckburgh, *Lysiae Orationes XVI* (Macmillan).
M. V. Humphreys, *Demosthenes, On the Crown* (American).
Gwatkin and Shuckburgh, *Aeschines, In Ctesiphontem* (Macmillan).

451. **Composition and sight translation.**

1 hour a week: 1 credit.

Prerequisite: Greek 351.

452. Plato, *Republic V-X;* Aristotle, *Ethics I, IV, X.*

3 hours a week: 3 credits.

Prerequisite: Greek 340, 350.

Text-books: *Plato, Republic* (Oxford Classical Texts).
Aristotle, Ethics (Oxford Classical Texts).

453. **Philology, Epigraphy, Palaeography, Archaeology:** lectures and readings. See Latin 453.

3 hours a week, one term: 1½ credits.

Prerequisite: Greek 340, 350.

Biblical Greek

N.B.—The purpose of the following courses is to provide Theological students with such instruction in Biblical Greek as will enable them to make practical use of it in their subsequent work and to consult the originals of the important theological works of Greek patristic writers.

The fullest and most compact Lexicon is entitled *A Greek-English Lexicon to the New Testament*, thirteenth edition, revised by Rev. T. S. Green, published by S. Bagster and Sons, London; James Pott and Co., New York.

25. The Gospels of St. Mark and St. John; Galatians; The Acts of the Apostles; composition; sight translation.

3 hours a week: 3 credits.

Prerequisite: Greek 1 or Middle School Greek.

Text-books: Scrivener, *Greek Testament (Fourth Edition)* (Bell).
Nunn, *Syntax of New Testament Greek* (Cambridge).
Volumes in *Cambridge Greek Testament Series.*

35. The Gospel of St. Matthew; I and II Corinthians; Clement's Epistle to the Corinthians; lectures on the development and character of Biblical Greek; composition; sight translation.

3 hours a week: 3 credits.

Text-books: See Greek 25.
The Epistle of Clement of Rome (S. P. C. K. *Texts for Students, No. 7*).
References: Gregg, *The Epistle of Clement* (S. P. C. K.).
Lightfoot, *Apostolic Fathers; Clement of Rome,* 2 *vols.* (Macmillan).
Moulton, *Grammar of New Testament Greek.*

The instructors reserve the right to interchange the authors in Greek 35 and 45.

45. The Gospel of St. Luke; Romans; Hebrews; the Pastoral Epistles; Selections from the LXX, from the Greek Papyri and from early Christian writers; lectures on textual criticism; composition; sight translation.

3 hours a week: 3 credits.

Prerequisite: Greek 35.

Text-books: See Greek 25.
Kenyon, *Handbook to the Textual Criticism of the New Testament* (Macmillan).
Kirsopp Lake, *The Text of the New Testament* (Rivington).
Conybeare and Stock, *Selections from the L X X* (Ginn).
Milligan, *Selections from The Greek Papyri* (Cambridge).
Gwatkin, *Selections from Early Christian Writers* (Macmillan).

49x. New Testament Greek with special attention to Grammar and Syntax. The Gospel of St. John and the Book of Acts will be read, the former in connection with the study of the Harmony of the Gospels. Other New Testament literature will be read at sight, in order to gain a knowledge of the different styles of the various writers. For Waterloo College students only.

3 hours per week: 3 credits.

Prerequisite: Greek 20.

Text-books: *Novum Testamentum Graece.*
Eberhard Nestle, *A Syntax of New Testament Greek* (Munn).
White, *First Greek Book.*
Robertson, *A Harmony of the Gospels.*

DEPARTMENT OF ECONOMIC AND POLITICAL SCIENCE

University College

H. A. LOGAN, PH.D.,	Professor
*E. E. REILLY, B.S.A., M.S.,	Associate Professor
M. K. INMAN, M.A.,	Assistant Professor
HELEN E. SMYTH, M.A.,	Lecturer

Waterloo College

J. H. SMYTH, B.A., Barrister-at-Law,	Lecturer

Assumption College

REV. V. J. GUINAN, M.A.,	Professor
G. R. HORNE, B.A.,	Instructor
P. MARTIN, M.A., LL.M.,	Lecturer

*On leave, second term, 1934-35.

20. **Introduction to Economics:** the elementary economic concepts; production, exchange, consumption and distribution of wealth; money and banking; business cycle; international trade; labour problems; public finance; government regulation; the evolution of our economic system and its legal setting at the present time.

3 hours a week: 3 credits.

Text-book: Logan, *Materials for Economics.*

30. **Civics:** Ideals and implications of democratic citizenship; examination of the functioning of our economic, political, educational and similar institutions; attention to the current political problems as they present themselves to the citizen.

3 hours a week: 3 credits.

32a. **Introduction to Political Science:** a study of the state, its origin, form and activities, and a study of the working of governments, particularly those of the United Kingdom, Canada, the United States, Germany, France and Switzerland. Reference will also be made to the governments of the new states of Central Europe and of Russia, and to the League of Nations.

3 hours a week: 1½ credits.

32b. **Municipal Government:** the nature, development and problems of municipal government; including a comparative analysis of European, American and Canadian systems. Considerable attention will be given to such topics as safety, order and justice, health, education, city planning, municipal utilities and finance.

2 hours a week: 1 credit.

Text-book: Maxey, *Urban Democracy.*

33. **Financial Organization:** the modern financial system. Money and credit, investment banks, savings banks and trust companies, stock exchanges and other institutions from the standpoint of functions performed. Emphasis will be placed upon the study of commercial banking, especially in Canada, the United States and Great Britain.

2 hours a week: 2 credits.

46. **Labour, Theory and Problems:** during the first term an inquiry will be made into the causes of industrial unrest and the remedies advocated. Such topics as unemployment, inadequate wages and industrial accidents, trade unionism, labour legislation and employers' remedies will be considered. The

second term will include a study of various theories of social reform and suggested types of social organization; utopias, socialism, syndicalism, the indictment of capitalism and the latter's defence.

2 hours a week: 2 credits.

48. **Introduction to Sociology:** an analysis of group life and mental interaction; conflict and accommodation of persons, races, nations and classes; assimilation; change and its maladjustments; examination of our social institutions; social ecology; the nature of social control; the community as an exhibit of forces working for control; community organization.

3 hours a week, one term: 1½ credits.

Honour Courses

232a. Identical with 32a.

232b. Identical with 32b.

233. Identical with 33.

251b. **Transportation:** railways, their historical development, characteristics, construction, organization, operation, rates, services, finance, ownership and control; inland waterways; ocean transportation; commercial aviation; urban and rural transportation as affected by highways, motor vehicles and street railways.

2 hours a week: 1 credit.

257a. **Economic History of Europe:** the economic foundations from antiquity, the developments of the Middle Ages, Mercantilism, the Industrial Revolution, and *laissez faire.*

2 hours a week: 1 credit.

257b. **Economic History of North America:** the geographical and historical conditions which have given rise to the current economic problems of the United States and Canada. Special attention will be given to Canadian problems in assigned readings and reports.

2 hours a week: 1 credit.

259a. **Economic and Commercial Geography:** the distribution and characteristics of major economic activities

insofar as they are related to the natural environment. Special attention will be paid to the economic geography of the British Empire.

3 hours a week: 1½ credits.

Text-book: Whitbeck and Finch, *Economic Geography.*

346. Identical with 46.

348. Identical with 48.

351b. **International Trade and Commercial Policies:** international values, foreign exchange and international aspects of the commercial policies of governments. Not given in 1935-36.

2 hours a week: 1 credit.

352a. **Political Parties:** not given 1935-36.

3 hours a week: 1½ credits.

353a. **Business Finance:** the financial management of corporations; raising working capital by trade credit and bank loans; comparison of various types of stock, bond and note issues as methods of securing capital; a study of budget making and balance sheet analysis.

2 hours a week: 1 credit.

Text-book: Gerstenberg, *Financial Organization and Management.*

354a. **Agricultural Economics:** the place of agriculture in economic life, organization for agricultural production, factors chiefly responsible for success or failure, independent and co-operative marketing of agricultural products, the financing of agriculture, government policies and aid. Not given in 1935-36.

2 hours a week: 1 credit.

355a. **Statistical Methods:** the theory and methods of the tabulation, analysis and presentation of statistical data; tables, graphs, probability, descriptive measures and correlation—linear and non-linear, partial and multiple.

3 hours a week: 1½ credits.

Text-book: F. C. Mills, *Statistical Methods.*

363b. **Investments:** the social significance of investments, tendencies in saving habits, individual and institutional investing, the principles of investments, analysis and evaluation of securities, tendencies in the merits and worth of securities.

2 hours a week: 1 credit.

450a. **History of Economic Thought:** a survey of the history and the present outlook of economic theory.
3 hours a week: 1½ credits.

452b. **History of Political Thought:** a survey of the development of political theory from the classical period to the end of the Eighteenth Century.
3 hours a week: 1½ credits.

453b. **Public Finance:** a study of the principles and problems of governmental expenditures and revenues.
2 hours a week: 1 credit.

458. **Social Control of Business Enterprise:**
2 hours a week, one term: 1 credit.

460b. **Modern Economic Theory:** a seminar course.
3 hours a week: 1½ credits.

462b. **Modern Political Theory.**
3 hours a week: 1½ credits.

463. **International Financial Relations.**
2 hours a week, one term: 1 credit.

468. **Sociology II:** a course in selected social problems: defectives, delinquency and crime, poverty and dependency.
2 hours a week, one term: 1 credit.

478. **Sociology III:** not given in 1935-36.
3 hours a week, one term: 1½ credits.

488. **Population Problems:** not given in 1935-36.
2 hours a week, one term: 1 credit.

Courses Leading to the Degree of M.A.

Advanced courses in Finance, Labour, Economic History and Sociology.

Government and Law

C. C. CARROTHERS, B.A., LL.B., Lecturer

Groups 305-308 and 405-408 will be given in alternate years; 405-408 in 1935-36.

305. **Roman Law:** a review of the customary law of the regal period at Rome, with a short history of the law from the time of the Decemviri to the death of Justinian; an account of the growth of the unwritten law, praetor's edict, the formulary system, the jus naturae, the legislation during the Republic and under the Empire and the Justinian Code.

1 hour a week, one term: ½ credit.

Text-book: Sanders, *The Institutes of Justinian.*

306. **English Law:** the law before the Norman Conquest, the Saxon Invasion, and the changes wrought by the Conqueror and his successors; the growth of the Feudal System, and the changes introduced by the legislation of Henry II, Edward I and Edward III.

1 hour a week, one term: ½ credit.

Text-books: Pollock and Maitland, *History of English Law, Vol. I.*
Storry-Deans, *Students' Legal History.*

307. **Jurisprudence:** general and historical jurisprudence, the analysis of law and of rights, the sources of law, a general classification of rights, adjective private law, public law and its various divisions.

1 hour a week, one term: ½ credit.

Text-books: Holland, *Elements of Jurisprudence.*
Sir Henry Maine, *Ancient Law.*

308. **Theory of Political Obligation:** freedom in relation to the individual; man in a state of nature; the theory of contract as developed by Spinoza, Locke and Hobbs; Rousseau's Social Contract; the modern idea of consent.

1 hour a week, one term: ½ credit.

405. **English Constitutional Law:** the law of the English Constitution, with a sketch of the two Houses of Parliament, the Prerogatives, the Conventions and Courts.

1 hour a week, one term: ½ credit.

Text-books: Dicey, *Law of the Constitution.*
Anson, *Law and Custom of the Constitution.*

406. **Federal Constitutional Law:** the leading features of Federal Government as exhibited in the most prominent Federal States; constitutions of Canada, Australia, Switzerland and the United States.

1 hour a week, one term: ½ credit.

Text-books: Lefroy, *Federal System and Leading Cases in Federal Constitutional Law.*
Woodrow Wilson, *Congressional Government.*

407. **Colonial Constitutional Law:** the various forms of Colonial Government, with special reference to the self-governing colonies.

1 hour a week, one term: ½ credit.

Text-book: Todd, *Parliamentary Government in the Colonies* (to p. 318).

408. **Public International Law:** the essential principles are discussed and special reference made to current illustrations.

1 hour a week, one term: ½ credit.

Text-book: Westlake, *International Law.*

DEPARTMENT OF ENGLISH

University College

W. F. TAMBLYN, PH.D.,	Professor
J. A. SPENCELEY, M.A.,	Professor
MRS. E. K. ALBRIGHT, M.A.,	Associate Professor
F. STILING, M.A.,	Assistant Professor
JEAN I. WALKER, L.C.M.,	Instructor
ELEANOR DOHERTY, M.A., PH.D.,	Lecturer
DORIS LIDDICOATT, M.A.,	Lecturer
MRS. JEAN T. NEVILLE, M.A.,	Lecturer
HELEN E. SMYTH, M.A.,	Lecturer
HELEN M. ALLISON, B.A.,	Assistant
ALVIN O'Grady, B.A.,	Assistant
MARY HEASMAN, B.A.,	Assistant
CHRISTINE MACKERRACHER, M.A.,	Assistant

Alma College

KATHERINE DOBSON, B.A.,	Instructor
MARION CONNOR,	Instructor

Assumption College

REV. E. G. LEE, B.A.,	Professor
REV. EDWARD YOUNG, B.A.,	Lecturer
REV. J. S. MURPHY, B.A.,	Lecturer
SISTER M. ELECTA, B.A.,	Lecturer
SISTER M. THERESA, M.A.,	Lecturer
MARIANA SOULE VAN DOREN, B.A.,	Lecturer

Ursuline College

M. M. ST. JAMES, M.A.,	Professor
REV. T. J. MCCARTHY, M.A., S.T.D.,	Instructor

Waterloo College

CARL F. KLINCK, M.A.,	Professor

10. Shakespeare and Prose Selections.

A. A critical study of:
Shakespeare, *Henry IV, Parts I and II; Hamlet; The Tempest.*

B. A careful reading of the following plays:
Shakespeare, *Two Gentlemen of Verona; Richard II; Much Ado About Nothing;*
Dekker, *The Shoemaker's Holiday.*

C. A careful reading of selections in *English Prose, Selected English Essays* and Boswell's *Johnson.*

2 hours a week: 2 credits.

Text-books: Deighton's *Shakespeare* (Macmillan), or *The New Hudson* (Ginn).
St. Martin's edition of *Henry IV, Part I* (Macmillan).
Adams' edition (Houghton, Mifflin), or J. D. Wilson's edition (Macmillan) of *Hamlet.*
G. N. Pocock, *The Shoemaker's Holiday* (Dent).
Raleigh, *Shakespeare* (Macmillan).
J. Bailey, *A Shorter Boswell* (Nelson)
E. Legouis, *History of English Literature* (Oxford).
English Prose, I, II, III (Oxford).
Selected English Essays (Oxford).

11. **Composition:** the mechanics of writing; exercises and essays required.

1 hour a week: 1 credit.

Text-books: Foerster and Steadman, *Writing and Thinking* (Houghton, Mifflin).
N. Hodgins (Editor), *Some Canadian Essays* (Nelson).

19. **Speech Education:** the purpose of this course is to illustrate the principles of public speaking in the practical and familiar types of address. The ends of speech, such as exposition, belief, action and entertainment, are shown as determining the selection and arrangement of material. Assignments are given to test the speaker's ability to select, arrange and deliver extemporaneously and effectively.

1 hour a week: 1 credit.

Text-book: Horner, *Elements of Public Speech* (Heath).

20. **General Literature:** General Course from Chaucer to the present day.

2 hours a week: 2 credits.

Text-books: Cunliffe, Pyre and Young, *Century Readings in English Literature.*
E. Legouis, *A Short History of English Literature* (Oxford).
E. K. Broadus, *The Story of English Literature* (Macmillan).
Shakespeare, *Romeo and Juliet, Hamlet* (Macmillan or Ginn).
Sheridan, *The School for Scandal* (Macmillan).
Defoe, *A Journal of the Plague Year* (Nelson).
Scott, *Redgauntlet* (Dent).
Thackeray, *Vanity Fair* (Dent).
Conrad, *Typhoon* (Heinemann).

021. **Composition:** a review of English grammar and the mechanics of writing; exercises, essays and conferences required; prescribed for students of the second year who have difficulty with English 21.

1 hour a week: no credit.

Text-book: Thorpe, Rankin and Solve, *College Composition*, revised edition (Harpers).

21. **Composition and Rhetoric:** relation of material to style; exercises, essays and conferences required.

1 hour a week: 1 credit.

Prerequisite: English 021 and 11.

Text-book: Thorpe, Rankin and Solve, *College Compositions*, revised edition (Harpers).

30. **Nineteenth Century Literature:** from Blake to Arnold.

Essays will be required during the session on subjects connected with the literature read in this course.

3 hours a week: 3 credits.

Text-books: Page, *British Poets of the Nineteenth Century* (Sanborn).
Alden, *Readings in English Prose of the Nineteenth Century* (Houghton, Mifflin).
Austen, *Persuasion*.
Hardy, *The Woodlanders* (Macmillan).
Dickens, *Bleak House* (Nelson).
Scott, *Old Mortality*.
C. H. Herford, *Age of Wordsworth* (Bell).
H. Walker, *Age of Tennyson* (Bell).
Jones, *Critical Essays of the Nineteenth Century* (Oxford, World's Classics).
Meredith, *Evan Harrington*.
Raleigh, *Poems of Blake* (Oxford).

31. **Composition, Practical Exposition:** the application of methods of exposition to the report and the business letter.

1 hour a week: 1 credit.

Prerequisite: English 21.

Text-book: Park, *English Applied in Technical Writing*, Revised Edition (Crofts).

34. **Modern English Prose:** a study of contemporary prose writing on politics, economics, science and philosophy. The books studied provide material for seminars, discussions, and written themes. Open only to students registered in the following Honour courses: Business Administration, Business Administration and Secretarial Science, Economic and Political Science, Mathematics and Physics, Philosophy and Psychology.

3 hours a week: 3 credits.

40. **Recent English Literature:** Poetry since Tennyson and prose since Ruskin.

2 hours a week: 2 credits.

Text-books: Page, *British Poets of the Nineteenth Century* (Sanborn).
Untermeyer, *Modern British Poetry* (Harcourt, Brace).
Chesterton, *The Victorian Age in Literature* (Home University Library).
T. Hardy, *The Mayor of Casterbridge* (Macmillan).
A. Birrell, *Obiter Dicta* (Copp Clark).
Stevenson, *Virginibus Puerisque*, ed. J. H. Fowler (Macmillan).
Stevenson, *Talk and Talkers* (ed. W. L. Phelps).
Shaw, *Fanny's First Play* (Macmillan).
Selected Modern English Essays (Oxford).
Selected Modern English Essays: Second Series (Oxford).
A. C. Bradley, *Poetry for Poetry's Sake* (in his *Oxford Lectures*, Macmillan).
A. Bennett, *Buried Alive*.
Sassoon, *Memoirs of an Infantry Officer* (Faber).

42. **Mediaeval Literature:** a short study of the period culminating in Chaucer.

1 hour a week: 1 credit.

Text-books: *Geoffrey of Monmouth*, ed. Evans (Dent).
Dante, *Divine Comedy*, ed. Oelsner (Dent).
Piers Plowman (Everyman's Library, Dent).
Gawain and the Green Knight (Dent).
Perle, ed. Coulton (Methuen).
Gummere, *Ballads* (Ginn).

48. **Canadian and American Literature:** a study of Canadian and American prose and poetry. Optional with English 42 for students in the fourth year of the General Course and open to graduate students.

2 hours a week: 2 credits.

Honour Courses

210. The same prescription as for English 10 with the addition of a critical study of *Romeo and Juliet* and a careful reading of *Twelfth Night* in the first term, and a careful reading of *King Lear* in the second term.

2 hours a week: 2 credits.

250. **Epochal Works:**

2 hours a week: 2 credits.

Text-books: Spenser, *Faerie Queene V*, ed. Gough (Oxford).
Wordsworth, *Poems* (Oxford).
Arnold, *Poems* (Nelson).
The English Parnassus (Oxford).
Austen, *Northanger Abbey* (Nelson).
Scott, *The Antiquary* (Nelson).
E. Bronte, *Wuthering Heights*.

251. **Composition, The Literary Essay:** a critical study of the essay; essays, reading, and conferences prescribed.

1 hour a week: 1 credit.

Prerequisite: English 21.

Text-books: Thorpe, Rankin and Solve, *College Composition*, revised edition (Harpers).
Paddock and Taintor, *On Writing Essays* (Macmillan).
Newbolt, *Essays and Essayists* (Nelson).
Selected Modern English Essays (Oxford).
Boas, *Modern English Prose* (Macmillan).

330. Identical with English 30.

342. Identical with English 42.

352. **English Literature before Chaucer:** the prescribed readings are arranged to illustrate the development of English Literature from Widsith to Chaucer.

1 hour a week: 1 credit.

353. **Anglo-Saxon Grammar:** translation of the following passages from Bright's *Anglo-Saxon Reader:* Selections I, III, V, VI, VIII, XII, XVI, XX, XXI, XXIII.

1 hour a week: 1 credit.

Text-Book: J. W. Bright, *An Anglo-Saxon Reader* (Holt).

362. **Chaucer:** a reading course.

1 hour a week: 1 credit.

440. Identical with English 40.

450. **Elizabethan and Caroline Literature:**

2 hours a week: 2 credits.

Text-books: *The English Parnassus* (Oxford).
English Verse, Vols. I and II, ed. Peacock (Oxford).
Spenser, *Faerie Queene, Book I* (Macmillan).
Milton, *Poems* (Macmillan).
Hakluyt, *Voyages of Drake and Gilbert* (Oxford).
Browne, *Religio Medici* (Macmillan).
Craik, *English Prose, Vol. II* (Macmillan).

453. **The History of the English Language:** English language from the earliest records to the present, with special reference to the historical explanation of living forms.

1 hour a week: 1 credit.

References: The various histories of the English Language by Emerson, Smith, Jespersen, Lounsbury, Wyld, Bradley, Krapp and Sweet.

454. **English Thought and Literary Criticism:** in the Nineteenth Century.

1 hour a week: 1 credit.

456. **The Elizabethan Drama:** the aim of this course is to trace the rise of English Drama and to study Shakespeare as a dramatist.

2 hours a week: 2 credits.

Text-books: J. Q. Adams, *Chief Pre-Shakespearean Dramas.*
Brooke and Paradise, *English Drama, 1580-1642.*
Shakespeare (Oxford or Houghton, Mifflin Editions).

5x31b. **Public Speaking and Composition:** for graduate students in Business Administration.

2 hours a week: 1 credit.

Courses Leading to the Degree of M.A.

550. **Seventeenth Century Prose:** a study of the prose written between 1599 and 1660. Not offered in the same year as English 574.

554. **Contemporary English Literary Criticism** (being a continuation of 454B):

Recent development in aesthetics, in the theory and practice of poetry, metre and prose rhythms, in reviewing, and in the study of literary forms, such as lyric, epic, sonnet, epigram and essay, will be surveyed.

Among the references in this course are the following:

Bosanquet, *History of Aesthetic* (1917).
G. Santayana, *Reason in Art.*
Croce, *Aesthetic.*
Saintsbury, *History of Criticism.*
Ker, *The Art of Poetry.*
A. C. Bradley, *Oxford Lectures on Poetry.*
Raleigh, *Style, Milton.*
J. Mackail, *Lectures on Poetry.*
Quiller-Couch, *Studies in Literature.*
I. Babbitt, *The New Laocoon, Rousseau and Romanticism.*
E. F. Carritt, *The Theory of Beauty.*
T. S. Omond, *A Study of Metre.*
Hulme, *Speculations* (K. Paul).
L. Abercrombie, *Principles of English Prosody* (Secker); *An Essay towards a Theory of Art* (Secker); *The Theory of Poetry* (Secker); *The Epic* (Secker).
J. Middleton Murry, *Countries of the Mind, Aspects of Literature, The Problem of Style.*
O. Williams, *Contemporary Criticism of Literature* (Parsons).
I. Richards, *Principles of Literary Criticism* (Kegan Paul); *Practical Criticism.*
Ogden, Richards and Wood, *The Foundations of Aesthetics* (Allen and Unwin).
L. Lewisohn, *A Modern Book of Criticism* (Macmillan).
T. S. Eliot, *Collected Essays.*
Maritain, *Art and Scholasticism* (Stead).

Also books and articles by Bridges, Shaw, Herford, Elton, Newbolt, More, Gayley, Lowes, Read, Fausset, Ducasse, M. Roberts.

564. **English Thought:** between 1660 and 1798; to be taken in conjunction with 574.

3 hours a week: 3 credits.

574. **English Aesthetics and Criticism:** between 1660 and 1798; to be taken with English 564.

3 hours a week: 3 credits.

NOTE:—Courses 34 and 48 are open to graduate students.

DEPARTMENT OF GEOLOGY

J. W. RUSSELL, M.A., Professor
G. H. REAVELY, M.A., Assistant Professor

20. A general introduction to the **Geological Sciences and Meteorology:** laboratory work will consist in identifying minerals, rocks and fossils local to southwestern Ontario, with field trips to interpret topographical features.

4 hours a week: 3 credits.

Text-books: Miller, *Elements of Geology.*
Milham, *Introductory Meteorology.*

31. **Mineralogy:** lectures on the occurrence and determination of minerals: the structure of crystals and simple crystal drawing; deposits of ores and classification of ore deposits.

2 lectures and 4 laboratory hours a week: 3 credits.

Prerequisite: Geology 20.

Text-books: Ford, *Dana's Manual of Mineralogy.*
Lewis, *Determinative Mineralogy.*

47. **Historical Geology:** the geological evolution of America, and the more significant world features; identification of type fossils, and their interpretation.

3 hours a week with field trips: 3 credits.

Prerequisite: Geology 20.

Text-book: Miller, *Introduction to Historical Geology.*

Honour Courses

251. **Elementary Mineralogy:** an introductory course in mineralogy, including crystallography, blow-pipe identification and assaying.

4 hours a week: 3 credits.

257. A general introductory course in the **Geological Sciences,** with an historical outline of the geological evolution of North America, and more significant world features. Description and identification of the more important type fossils.

6 hours a week with field trips: 5 credits.

Text-books: Schuchert and Dunbar, *Text Book of Geology, Parts I, II.*
Berry, *Palaeontology.*

351. **Advanced Mineralogy:** the theory and use of the petrographic microscope, and descriptive mineralogy of the rock-forming minerals with laboratory practice.

2 lectures and 4 laboratory hours a week: 4 credits.

354. **Economic Geology:** a course of lectures with reading and laboratory work.

2 lectures and 2 laboratory hours a week: 2 credits.

Text-books: Reis, *Economic Geology.*
G. A. Young, *Economic Series of Canada.*

356. **Surveying and Field Mapping:** the principles and methods of topographic surveying; the methods used in Canadian public land survey; the study of Canadian patent laws relative to mining claims; the methods of mine surveying and a study of geological survey procedures; laboratory periods will be devoted to field practice and the preparation of topographic and mine maps.

4 hours a week: 2½ credits.

452. **Petrology and Mineragraphy:** rock genesis, magma consolidation and differentiation; methods and procedures in interpretation of ore genesis; laboratory work in the methods of petrographic research.

2 lectures and 3 laboratory hours a week: 3½ credits.

453a. **Introduction to Metallurgical Practice:**

2 lectures a week: 1 credit.

Text-books: Hayward, *Outlines of Metallurgical Practice.*
Stoughton and Butts, *Engineering Metallurgy.*

455. **Stratigraphy and Structural Geology:** earth forces, their causes and results; strains and stresses of earth deformation; theories of earth genesis; study and interpretation of geological maps.

2 lectures and 2 laboratory hours a week: 3 credits.

457b. **History of the Development of the Geological Sciences:**

2 lectures a week: 1 credit.

Text-book: Geikie, *Founders of Geology.*

458. **Seminar:** the study of Canadian mining fields.

2 hours a week: 2 credits.

DEPARTMENT OF GERMAN LANGUAGE AND LITERATURE

University College

N. C. JAMES, PH.D., LL.D.,	Professor Emeritus
R. A. ALLEN, M.A., PH.D.,	Professor
H. K. KALBFLEISCH, M.A.,	Instructor
EDWARD TAUBE, M.A., PH.D.,	Instructor

Assumption College

JOHN W. MEYER, B.A.,	Lecturer
MARGARET NEWMAN, B.A.,	Lecturer

Ursuline College

MOTHER M. FELICITAS,	Instructor

Waterloo College

REV. H. SCHORTEN, D.D.,	Professor
LOUISE TWIETMEYER, B.A.,	Instructor

General Courses

1. **Preparatory German:** the work of the Middle School or its equivalent is covered.

3 hours a week: 3 credits.

Text-books: Mueller, *A Grammar of the German Language, Part I* (Dent).
Hagboldt, *Fabeln* (Heath).
Kästner, *Emil und die Detektive* (*Holt*).

5. **Preparatory Scientific German:** the elements of German grammar with the reading of easy scientific German. Prescribed for second year honour science students.

3 hours a week: 3 credits.

Text-books: Kalbfleisch, *German Grammar for Science Students.*
Hagboldt, *Fabeln* (Heath).
Fiedler and Sandbach, *A First German Course for Science Students* (Oxford).

10. **Intermediate German:** the work of the Upper School or its equivalent is covered. Grammar, pronunciation, dictation, translation into German, translation from easy modern literary German.

3 hours a week: 3 credits.

Prerequisite: Middle School German or German 1.

Text-books: Mueller, *A Grammar of the German Language, Part I* (Dent).
Betz, *Deutscher Humor* (Heath).
Diamond and Schomaker, *Lust und Leid* (Holt).
Thoma, *Lausbubengeschichten* (Heath).

20. An introductory **Survey of German Literature** with a background of history and geography. Grammar, pronunciation, dictation, conversation, translation into German, translation from modern literary German.

4 hours a week: 4 credits.

Prerequisite: Upper School German or German 10.

Text-books: Holly, *German Epics Retold* (American).
Betz, *Die Schildbürger* (Heath).
Lessing, *Minna von Barnhelm* (Holt).
Schiller, *Wilhelm Tell* (Ginn).
Hauff, *Die Karavane* (Macmillan).
Meyer, *Gustav Adolfs Page* (Holt).
Baum, *Der Weg* (Crofts).
Robertson, *The Literature of Germany* (Nelson).
Mueller, *A Grammar of the German Language, Part II* (Dent).

30. **Outline of Classical German Literature:** a survey of German literature in the classical period with special emphasis on the work of Lessing, Goethe and Schiller. Prose composition, conversation, one hour a week.

3 hours a week: 3 credits.

Prerequisite: German 20.

Text-books: Lessing, *Emilia Galotti* (Ginn).
Goethe, *Götz von Berlichingen (Holt).*
Goethe, *Iphigenie* (Ginn).
Schiller, *Kabale und Liebe* (Holt).
Schiller, *Die Jungfrau von Orleans* (Ginn).
Oxford Book of German Verse.
Kluge, *Geschichte der Deutschen National-Literatur.*
Pope, *Writing and Speaking German, New Series* (Holt).

35. **Intermediate Scientific German:** the reading of scientific works in German. Prescribed for third year honour science students.

2 hours a week: 2 credits.

Prerequisite: Middle School German or German 5.

Text-book: Wright, *German Science Reader* (Holt).

40. **Outline of Modern German Literature:** a survey of German literature from Romanticism to the present. Prose composition, conversation, one hour a week.

3 hours a week: 3 credits.

Prerequisite: German 30.

Text-books: Fouqué, *Undine* (Holt).
Kleist, *Prinz Friedrich von Homburg* (Ginn).
Grillparzer, *Libussa* (Oxford).
Hebbel, *Agnes Bernauer* (Oxford).
Heine, *Prosa* (Oxford).
Sudermann, *Heimat* (Heath).
Oxford Book of German Verse.
Kluge, *Geschichte der Deutschen National-Literatur.*
Joynes-Meissner, *A German Grammar* (Heath).

45. **Advanced Scientific German:** the reading of scientific works in German. Prescribed for fourth year honour science students.

1 hour a week: ½ credit.

Prerequisite: German 35 or Upper School German.

Text-books: Raschen and Fairfield, *German Science Reader* (Prentice Hall).
Zeisberg, *Mathematisches Unterrichtswerk für höhere Schulen.*

Honour Courses

All students in Honour Courses will take the comprehensive examinations at the end of their final year, as indicated on page 40 of this Announcement.

281. Grammar, conversation, translation into German, free composition.

1 hour a week: 1 credit.

Prerequisites: Junior Group 4, see page 69.

Text-book: Pope, *Writing and Speaking German*, New Series (Holt).

290. **German Romanticism.**

3 hours a week: 3 credits.

Prerequisites: Junior Group 4, see page 69.

380b. **Goethe.**

3 hours a week: 1½ credits.

Prerequisites: German 290.

381. Grammar, free composition, conversation.

2 hours a week: 2 credits.

Prerequisite: German 281.

Text-books: Whitney and Stroebe, *Advanced German Composition* (Holt).
Hauch, *German Idiom List* (Macmillan).

383. **Introduction to the History of the German Language:** elements of Middle High German Grammar, readings in M.H.G. lyric.

1 hour a week: 1 credit.

Text-books: Diekhoff, *The German Language* (Oxford).
Wright, *Middle High German Primer* (Oxford).

390a. **German Romanticism.**

3 hours a week: 1½ credits.

Prerequisites: German 290.

490a. **Modern German Novel and Lyric.**

3 hours a week: 1½ credits.

Prerequisites: German 390a, 380b.

490b. **Modern German Drama.**
3 hours a week: 1½ credits.
Prerequisites: German 390a, 380b.

491. Advanced grammar, free composition, conversation.
2 hours a week: 2 credits.
Prerequisite: German 381.

Text-books: Joynes-Meissner, *A German Grammar* (Heath).
Viëtor, *German Pronunciation* (Reisland, Leipzig).

494a. **Middle High German Epic.**
2 hours a week: 1 credit.
Prerequisite: German 383.

Text-books: Wenckebach, *Meisterwerke des Mittelalters* (Heath).
Der Nibelunge Not (Sammlung Göschen Nr. 1).
Eschenbach, *Parzival* (Sammlung Göschen Nr. 921).

494b. **Survey of German Literature from M. H. G. to Lessing.**
2 hours a week: 1 credit.

Text-books: Wenckebach, *Meisterwerke des Mittelalters* (Heath).
Wickram, *Das Rollwagenbüchlein* (Insel-Bücherei).
Bötticher, *Die Literatur des 18ten Jahrhunderts vor Klopstock.*
Lessing, *Hamburgische Dramaturgie* (Macmillan).

Courses Leading to the Degree of M.A.

Advanced work in German philology, literature, philosophy and criticism.

DEPARTMENT OF HEBREW

University College

REV. C. C. WALLER, M.A., D.D., Professor

Waterloo College

REV. GEORGE SANDROCK, Professor

The object of the course in Hebrew is chiefly to provide instruction for theological students to enable them to read the Hebrew Bible with a thorough knowledge of grammar, pointing and a general acquaintance with the Old Testament literature as a foundation for more advanced study of Semitic languages; but any student desiring a fuller acquaintance with the Old Testament is at liberty to choose the Hebrew options.

Every student must provide himself with a *Hebrew Bible*, Bagster's *Hebrew-English Lexicon* and Davidson's *Hebrew Grammar*, twentieth edition, revised by McFayden; earlier editions will not be permitted in the classroom. Third-year students must have Davidson's *Hebrew Syntax;* advanced students are recommended to provide themselves with the *Oxford Hebrew Lexicon.*

The Professors reserve the right to rearrange or change the prescription of authors in any year of the pass and honour courses for the intramural students.

General Courses

10. Grammar, selections and exercises in translation from English into Hebrew and from Hebrew into English: translation of *Genesis*, 1-4, 18; *Psalms*, 2, 8, 19, 23, 51. Grammatical analysis, parsing and vocabulary.

3 hours a week: 3 credits.

(This course is also given at Waterloo College as Hebrew 19x).

20. Grammar; exercises in translation from Hebrew into English and from English into Hebrew; pointing of simple passages; translation of *Genesis* 37, 40-45; *Exodus* 1-4; *I Kings* 17-19; *II Kings* 2,17.

3 hours a week: 3 credits.

Prerequisite: Hebrew 10.

30. Grammar and syntax; exercises in translation from Hebrew into English and from English into Hebrew; pointing; introduction to prophetic writings; *Amos; Isaiah* 1-6, 40, 50-55; *Jeremiah* 7; *Ezekiel* 14.

3 hours a week: 3 credits.

Prerequisite: Hebrew 20.

40. Grammar, syntax, pointing, exercises in translation from English into Hebrew and from Hebrew into English; introduction to poetical writings; principles of Hebrew poetry; *Numbers* 23, 24; *Psalms* 1, 16, 24, 29, 37, 45, 50, 80, 84, 90, 110, 121-134; *Ecclesiastes* 12; *Proverbs* 1-4, 8; *Job* 28.

3 hours a week: 3 credits.

Prerequisite: Hebrew 30.

Honour Courses

200. Grammar; exercises in translation of Hebrew into English and of English into Hebrew; pointing of simple passages; translation of *Genesis* 37, 40-45; introduction to prophetic writings; *Amos; Isaiah* 1-6, 40, 50-55; *Jeremiah* 7; *Ezekiel* 14.

4 hours a week: 4 credits.

300. Grammar, syntax, pointing, composition, sight translation; introduction to poetical writings; principles of Hebrew

poetry; *Numbers* 23, 24; *Psalms* 1, 16, 24, 29, 37, 45, 50, 80, 84, 90, 110, 121-134; *Ecclesiastes* 12; *Proverbs* 1-4, 8; *Job* 28.

4 hours a week: 4 credits.

Prerequisite: Hebrew 200.

400. Exercises in grammar, syntax, pointing and composition; sight translation; the *Psalms* not previously read.

3 hours a week: 3 credits.

Prerequisite: Hebrew 300.

401. Aramaic; Brown *Aramaic Methods, Parts I, II;* exercises, grammar, syntax, pointing, composition.

3 hours a week: 3 credits.

Prerequisite: Hebrew 300.

DEPARTMENT OF HISTORY

University College

A. G. DORLAND, M.A., PH.D., F.R.S.C.	Professor
F. LANDON, M.A., F.R.S.C.,	Associate Professor
S. F. MAINE, M.A., B.D., PH.D.,	Associate Professor
H. M. THOMAS, M.A., PH.D.,	Instructor
M. A. GARLAND, M.A.,	Assistant

Assumption College

CHARLES J. MALONE, B.A.,	Lecturer
SISTER M. ROSALIE, B.A.,	Lecturer

Ursuline College

M. M. FRANCIS CLARE, M.A.,	Professor
M. M. MERCEDES, B.A.,	Instructor

Waterloo College

HANNAH M. HAUG, M.A.,	Professor

25. **History of England to 1713:** economic and social developments will be stressed; lectures, prescribed reading and essays. First term covers to 1485 with special emphasis on the period after 1066.

2 hours a week: 2 credits.

Text-book: Trevelyan, *History of England* (Longmans).

27. **Ancient Civilization:** the Near East, Greece and Rome; lectures, reading and essays. Not given in 1935-36.

3 hours a week: 3 credits.

30a. **Mediaeval History:** lectures, prescribed reading and essays.

3 hours a week: 1½ credits.

Text-books: Munro and Sontag, *The Middle Ages* (Century) or
Thorndike, *History of Mediaeval Europe* (Houghton, Mifflin).

30b. **The Renaissance and the Reformation:** lectures, prescribed reading and essays.

3 hours a week: 1½ credits.

Text-books: Hulme, *The Renaissance and the Reformation* (Century).
Lucas, *The Renaissance and the Reformation* (Harpers).

31. **History of Canada:** lectures, prescribed reading and essays. A survey of the History of Canada from the beginning of the French Regime to the present time.

2 hours a week: 2 credits.

Text-book: Wittke, *History of Canada* (Longmans).

40a. **Modern History (1555-1830):** lectures, prescribed reading and essays. The period from 1555 to 1648 will be covered only in outline as giving the proper background for the Treaties of Westphalia, which provide the setting for Modern European History. The French Revolution and the era of Napoleon will be studied as a part of the revolutionary developments of the modern world which made the eighteenth century a sort of half-way house between mediaeval times and the present.

3 hours a week: 1½ credits.

Text-books: Hayes, *A Political and Cultural History of Modern Europe, 1500-1830 Vol. I* (Macmillan).
Robinson and Beard, *Readings in Modern European History, Vol. I* (Ginn).

40b. **Modern History (1830-1930):** lectures, prescribed reading and essays. The growth of nationalism and democracy in Europe; political and social reform; scientific, social and economic movements; the colonial and commercial expansion of the European nations as the background of the World War; the peace settlements; international conditions after the World War.

3 hours a week: 1½ credits.

Text-books: Schapiro, *Modern and Contemporary European History* (Houghton, Mifflin).
Robinson and Beard, *Readings in Modern European History, Vol. II* (Ginn).

43a. **The Development of Self-Government in the British Empire-Commonwealth:** lectures, prescribed reading and reports. The lectures will be grouped under the following heads: The breakdown of the old Colonial System and Policy; British Colonial Policy at the beginning of the Nineteenth Century; the Colonial Reformers and the application of their ideas to Canada and to Australasia; the evolution of self-government in Canada, Australasia, South Africa and India; the growth of colonial nationalism and autonomy, culminating in the achievement of Dominion status; the constitution of the Dominion of Canada, of the Australian Commonwealth, of the Union of South Africa, of the Irish Free State and of India.

3 hours a week: 1½ credits.

Text-books: Robinson, *Development of the British Empire.*
Egerton, *Federations and Unions in the British Empire.*
Egerton, *Short History of British Colonial Policy.*
Egerton, *British Colonial Policy in the 20th Century.*
Scott, *Short History of Australia.*
Fairbridge, *History of South Africa.*
Currey, *British Colonial Policy.*

44. **History of the United States:** the colonial period, the revolution, making of the constitution, westward development, the slavery struggle, the Civil War, reconstruction and later political history to the present day; the character of federal and state governments. The period to the Civil War will be covered in the first term and the period since the Civil War in the second term.

Lectures, prescribed reading and essays.

2 hours a week: 2 credits.

Text-book: Muzzey and Kraut, *American History for Colleges.*

45a. **Mediaeval, Renaissance and Reformation History, and The Wars of Religion:** a rapid survey of Continental Europe from 295-1600; lectures, essays and prescribed reading.

3 hours a week: 1½ credits.

Text-book: Thorndike, *History of Mediaeval Europe* (Houghton, Mifflin).

46b. **Modern History:** a rapid survey course of Continental Europe from the Wars of Religion to the Peace Settlement following the World War (1555-1925).

3 hours a week: 1½ credits.

Text-book: Schevill, *A History of Europe* (Harcourt, Brace).

Honour Courses

230a. **Mediaeval History:** lectures, prescribed reading and essays.

3 lectures, 1 seminar and conference hour a week: 1½ credits.

Prerequisite: Junior Group 3, see page 69.

Text-book: Munro and Sontag, *The Middle Ages* (Century), or Thorndike, *History of Mediaeval Europe* (Houghton, Mifflin).

230b. **The Renaissance and the Reformation:** lectures, prescribed reading and essays.

3 lectures, 1 seminar and conference hour a week: 1½ credits.

Prerequisite: Junior Group 3, see page 69.

Text-books: Hulme, *The Renaissance and the Reformation* (Century). Lucas, *The Renaissance and the Reformation* (Harpers).

340a. **Modern History (1555-1830):** for details, see History 40a. Honour students will be required to do special reading and reports in this course.

3 lectures, 1 seminar and conference hour a week: 1½ credits.

Prerequisites: History 230a, 230b.

Text-books: Hayes, *A Political and Cultural History of Modern Europe*, 1500-1830, *Vol. I* (Macmillan). Robinson and Beard, *Readings in Modern European History, Vol. I.*

340b. **Modern History (1830-1930):** for details of course see History 40b. Honour students will be required to do special reading and reports in this course.

3 lectures, 1 seminar and conference hour a week: 1½ credits.

Prerequisites: History 230a, 230b.

Text-books: Schapiro, *Modern and Contemporary European History* (Houghton, Mifflin). Robinson and Beard, *Readings in Modern European History, Vol. II.*

351. **History of Canada:** a survey of the History of Canada from the beginning of the French regime to the present time; lectures, prescribed reading and essays.

Students in this course will be expected to do wide reading in *The Cambridge History of the British Empire, Vol. VI; The Chronicles of Canada, The Makers of Canada, Canada and its Provinces*, and standard biographies.

2 lectures, 1 seminar and conference hour a week: 2 credits.

Text-book: Wittke, *History of Canada* (Longmans).

443a. **The Development of Self-Government in the British Empire-Commonwealth:** for details, see History 43a. Honour students will be required to do special reading and reports in this course.

3 lectures, 1 seminar and conference hour a week: 1½ credits.

444. **History of the United States:** see History 44; prescribed for students of the fourth year in the Honour Course in History; lectures, prescribed reading and essays.

2 lectures, 1 seminar and conference hour a week: 2 credits.

452. **English Constitutional History to the end of the Seventeenth Century:** lectures, prescribed reading and essays or reports. The following are the more important topics to be dealt with: Anglo-Saxon and Norman institutions; the feudal background; Crown, Central Government and Church, after 1066; development of the Common Law; origin and growth of Parliament, and its relation to the Crown.

2 lectures, 1 seminar and conference hour a week: 2 credits.

Text-books: Adams and Stevens, *Select Documents of English Constitutional History.*
Adams, *Constitutional History of England* (Holt).

455. **British Political Parties:** a reading and lecture course conducted in connection with weekly seminars. Fourth year honour intramural students only are admitted to this course. Lectures and discussions will be grouped around the following topics: The Rise of the Tory and Whig Parties; the Revolution of 1688; the Tory Reaction in the Reign of Anne; the "Reign of the Whigs"; the experiment in personal government of George III; The Disruption of the old Whig Party; the new Tory Party under Pitt; the Growth of Parliamentary Reform and Free Trade; Peel and Liberal Conservatism; Disraeli and Democratic Toryism; Gladstone and Modern Liberalism; the Irish Parliamentary Party; the Unionist Party; the Labour-Socialist Party.

3 hours a week: 3 credits.

Text-books: Traill, *Shaftesbury.*
Morley, *Walpole.*
Williams, *Life of William Pitt, Earl of Chatham.*
Newman, *Edmund Burke.*
Drinkwater, *Charles James Fox.*
Rosebery, *Pitt.*
Thursfield, *Peel.*
Morley, *Cobden.*
Froude, *Beaconsfield.*
Morley, *Life of Gladstone.*

Courses Leading to the Degree of M.A.

553. **Colonial and Imperial History:** a seminar course in Colonial and Imperial problems for advanced students who have the necessary prerequisite courses, or for graduate students.

554. **American History:** a seminar course in selected problems in Canadian and United States history for advanced students who have the necessary prerequisite courses, or for graduate students.

The hours and credits to be assigned for 553 and 554 will be decided by the Department Students desiring to take these courses must notify the Department of their intention not later than the June preceding the Fall Term in which the work will be begun.

DEPARTMENT OF LAW

C. C. CARROTHERS, B.A., LL.B., Lecturer

500. **Domestic Relations:** Eversley, substituting the Canadian Statutes for the English Statutes in the text-book. The parts to be read are: Parts I, II, and IV, to page 811; Part V, 875-9 inclusive, 884-94 inclusive and 919-34 inclusive.

Text-book: Eversley, *Domestic Relations*, Fourth Edition by A. Cairns.

501. **Corporations:** The following of the text named below: Part I, ch. 1 to 4, inclusive; Part II, ch. 1 to 5, inclusive; Part III, ch. 2 to 3, page 198, ch. 4 to 13, inclusive; Part IV, ch. 1 and 2, sections 3 and 4; Part V, ch. 1 to 6, inclusive; Part VI, ch. 1 to 6, inclusive.

Text-book: Brice, *Ultra Vires* (Third English Edition).

502. **Medical Jurisprudence:** the following portions will be read from the text named below: Volume I, sections 1, 2, 4, 5, 6, 10, 11, 13; Volume II, sections 1-13 inclusive, 15.

Text-book: Taylor, *Medical Jurisprudence* (edited Smith, 7th edition, 1920).

503. **Theory of Obligation:** Institutes of Justinian.
Book I: Titles 1, 2, 3.
Book III: Titles 13-29 inclusive.
Book IV: Title 1.

504. **Thesis.** See page 50.

DEPARTMENT OF LIBRARY SCIENCE

University College

CATHERINE CAMPBELL, B.A.,	Instructor
BEATRICE WELLING, B.Sc., M.A.,	Instructor

Assumption College

ELEANOR BARTEAUX,	Lecturer

Waterloo College

B. MABEL DUNHAM, B.A.,	Lecturer

10a. A course of instruction in the use of books and libraries, including lectures and exercises on the use and arrangement of the card catalogue, standard reference books, periodicals and periodical indexes and bibliography. Those who fail in the first term will repeat the course as 10b in the second term. Prescribed for all students in the first year.

1 hour a week: ½ credit.

Text-book: Library Science Handbook.

31b. **Reference Work:** a critical study of selected standard reference books, with problems on the use of these; use of bibliographies and indexes; lectures and assigned readings on the use of books and other printed materials in business.

2 lectures, 3 hours practice a week: 2 credits.

DEPARTMENT OF MATHEMATICS AND ASTRONOMY

University College

W. J. PATTERSON, M.A.,	Professor Emeritus
H. R. KINGSTON, M.A., PH.D., F.R.A.S.,	Professor
ARTHUR WOODS, M.A.,	Associate Professor
G. R. MAGEE, M.S., PH.D.,	Assistant Professor

Assumption College

A. NASSOTTI, B.Sc.,	Lecturer
SR. M. ELIZABETH-THERESA, B.A.,	Lecturer

Ursuline College

M. M. MOIRA, B.A.,	Lecturer

Waterloo College

ROY J. E. HIRTLE, M.Sc.,	Associate Professor

10a. **Algebra:** linear and quadratic functions of two variables—graphs, maximum and minimum values, linear factors; quadratic equation in one variable—solution, discriminant, sum and product of roots, construction of equations whose roots are functions of roots of given equation; ratio and proportion; variation; arithmetic, geometric and harmonic series; annuities; permutations and combinations as a prerequisite for the binomial theorem; binomial theorem proved for positive integral exponent and applied also with negative and fractional exponents.

3 hours a week: 1½ credits.

Prerequisite: Middle School Mathematics.

12b. **Analytic Geometry:** the analytic geometry of the point, straight line, circle, parabola, ellipse, with an introduction to the hyperbola; application to curve of flight and to reflectors.

3 hours a week: 1½ credits.

Prerequisite: Upper School Algebra or Mathematics 10a.

20. **Algebra:** first term: mathematical induction, binomial theorem, variation, logarithms, limiting values, exponential and logarithmic series, graphing.

Second term: elementary tests for convergency of series, undetermined coefficients, partial fractions, Newton's method of solving numerical equations, introduction to statistics. The emphasis in these courses will be on problems.

2 hours a week: 2 credits.

Prerequisite: Mathematics 10a and 12b or Upper School Algebra and Geometry.

22a. **Analytic Geometry:** the cartesian co-ordinate system, the straight line, circle, parabola, ellipse and hyperbola, the general equation of the second degree, polar co-ordinates, parametric equations. This course is essentially a problem course.

3 hours a week: 1½ credits.

Prerequisite: Mathematics 10a and 12b or Upper School Algebra and Geometry.

Text-book: Lennes and Merrill, *Plane Analytic Geometry* (Harper).

23a. **The Mathematical Theory of Investment:** interest; annuities; amortization of debts; valuation of bonds; sinking funds and depreciation.

3 hours a week: 1½ credits.

Prerequisite: Mathematics 10a, 12b, or Upper School Algebra and Geometry.

Text-book: Tate, *Interest, Annuities and Bonds* (Pitman).

24b. **Calculus:** an elementary course stressing practical applications.

3 hours a week: 1½ credits.

Prerequisite: Mathematics 10a and 12b or Upper School Algebra and Geometry.

Text-book: Granville, Smith and Longley, *Elements of the Differential and Integral Calculus* (Ginn).

28b. **Trigonometry:** The following sections in the text: 1-162, 169-173, 195-199, 207 (p. 260) to 212.

2 hours a week: 1 credit.

Prerequisite: Mathematics 10a or Upper School Algebra.

Text-book: Hall and Knight, *Elementary Trigonometry* (New Canadian Edition) (Macmillan).

29. **Descriptive Astronomy:** the constellations; systems of co-ordinates; shape, size and motions of the earth; the moon; eclipses; time; the solar system; the planets; comets and meteors; the sun; evolution of solar system; the stellar universe. Evening observations. The lectures will be illustrated with lantern slides. This course is not mathematical. Given in alternate years. Offered in 1935-36.

2 hours a week: 2 credits.

Text-books: Duncan, *Astronomy* (Harper).
Kingston, *An Easy Pocket Star Guide for Beginners.*

Honour Courses

250a. **Determinants and Algebra:** determinants; recurring series, continued fractions, indeterminate equations of first degree, recurring continued fractions.

2 hours a week: 1 credit.

Prerequisites: Mathematics of Junior Group 1, see page 69.

Text-book: Hall and Knight, *Higher Algebra* (Macmillan).

252a. **Analytic Plane Geometry:** the theory of determinants and the methods of the differential calculus are stressed wherever possible in a consideration of: the geometry

of points and lines related to a triangle; the theorem of Desargue; the cross-ratio of four points on a line and four lines through a point; the harmonic properties of a complete quadrilateral and of a complete quadrangle; the geometry of a circle and conic, studied by means of a homogeneous coordinate system; the duality between point coordinates and line coordinates; the tangential equation of a conic; classification of the conic represented by the general homogeneous quadratic equation in three variables; confocal conics; similar conics.

2 hours a week: 1 credit.

Prerequisites: Mathematics of Junior Group 1, see page 69.

Text-book: G. Salmon, *Conic Sections* (Longmans).
References: C. Smith, *Conic Sections* (Macmillan).
W. P. Milne, *Homogeneous Coordinates* (Arnold).

254a. **Differential Calculus:** successive differentiation; maxima and minima of f(x); points of inflection; curve tracing; differentials; rates; change of dependent and independent variables; curvature; envelopes; evolutes; involutes; Mean Value Theorem; indeterminate forms; partial differentiation; convergency of series; Taylor's and Maclaurin's Series applied to expansion of functions; asymptotes; singular points; tangent planes and normal lines to surfaces; tangent lines and normal planes to twisted curves.

3 hours a week: 1½ credits.

Prerequisites: Mathematics of Junior Group 1, see page 69.

Text-book: Granville, Smith and Longley, *Elements of the Differential and Integral Calculus* (Ginn).

260b. **Elementary Theory of Numbers and Theory of Equations.**

2 hours a week: 1 credit.

Prerequisites: Mathematics of Junior Group 1, see page 69.

Text-book: Hall and Knight, *Higher Algebra* (Macmillan).

261a. **Synthetic Solid Geometry.**

2 hours a week: 1 credit.

Prerequisites: Mathematics of Junior Group 1, see page 69.

Text-book: Wentworth and Smith, *Solid Geometry* (Ginn).

262b. **Analytic Solid Geometry.**

2 hours a week: 1 credit.

Prerequisite: Mathematics 250a.

Text-book: C. Smith, *Solid Geometry*, pp. 1-96 (Macmillan).

264b. **Integral Calculus:** integration as inverse of differentiation and as the limit of summation; methods of integration; reduction formulae; definite integrals; applications.

3 hours a week: 1½ credits.

Prerequisite: Mathematics 250a.

Text-book: Granville, Smith and Longley, *Elements of the Differential and Integral Calculus* (Ginn).

329. **Descriptive Astronomy:** See Mathematics 29.

2 hours a week: 2 credits.

Text-books: Duncan, *Astronomy* (Harper).
Kingston, *An Easy Pocket Star Guide for Beginners.*

354a. **A First Course in Differential Equations:** differential equations of first order; singular solutions; applications; linear equations with constant coefficients.

2 hours a week: 1 credit.

Prerequisites: Mathematics 250a-264b.

Text-book: Murray, *Differential Equations* (Longmans).

355b. **Probability and Statistics.**

2 hours a week: 1 credit.

Prerequisites: Mathematics 250a-264b.

Text-books: Hall and Knight, *Higher Algebra* (Macmillan).
Gavett, *First Course in Statistical Method* (McGraw-Hill).

358a. **Spherical Trigonometry:** the solution of the spherical triangle with applications to problems in geodesy; introduction to theory of least squares.

2 hours a week: 1 credit.

Prerequisites: Mathematics 250a-264b.

Text-book: Wells, *Six Place Logarithmic Tables* (Heath).

359b. **Mathematical Astronomy:** time, the conversion of time; the ephemeris; corrections of observations for refraction, parallax, aberration and dip; description and working principles of astronomical instruments; determination of latitude, longitude, azimuth and time; observations with transit; nautical astronomy.

2 hours a week: 1 credit.

Prerequisite: Mathematics 329a.

Text-books: Hosmer, *Practical Astronomy* (Third Edition, Wiley).
The American Nautical Almanac for 1936 (Eastern Science Supply Co.).

362. **Analytic Solid Geometry:** plane sections of conicoids; generating lines of conicoids; systems of conicoids; tangential equations; reciprocation; confocal conicoids; foci of

conicoids; quadriplanar and tetrahedral co-ordinates; surfaces in general; twisted curves; curvature of surfaces.

2 hours a week: 2 credits.

Prerequisites: Mathematics 250a-264b.

Text-book: C. Smith, *Solid Geometry* (Macmillan).

364b. **A Second Course in Differential Equations:** linear equations with variable coefficients; exact differential equations; integrations in series; equations of second order; equations with more than two variables; partial differential equations.

2 hours a week: 1 credit.

Prerequisite: Mathematics 354a.

Text-book: Murray, *Differential Equations* (Longmans).

451a. **Synthetic Plane Geometry:** geometry of the triangle and circle, forming a natural sequel to the classical plane geometry of the secondary schools. The course consists of a study of homothetic polygons and circles; similar figures in general; circles of similitude; coaxal systems of circles; circular inversion; Ptolemy's theorem; triangle and quadrangle theorems; Casey's power theorem; circles of antisimilitude; poles and polars; the polar circle; the Miquel theorem; pedal triangles and circles; the Simson line; theorems of Ceva and Menelaus, with applications; the nine-point circle; triangles in perspective.

2 hours a week: 1 credit.

Prerequisites: Mathematics 250a-264b.

Text-book: Johnson, *Modern Geometry* (Houghton, Mifflin).
Reference: Altshiller-Court, *College Geometry* (Johnson Publishing Company).

452a. **Higher Plane Curves:** basis of the course; point coordinates in the plane; line coordinates in the plane; fundamentals of higher plane curves; multiple points; projective point coordinates in the plane; poles and polars; Joachimsthal's method of investigating multiple points; class of a curve; the effect of a multiple point on the class of a curve; tangential equation of a curve; inflection points; properties of the Hessian curve; inverse curves; pedal curves; reciprocal polar curves.

2 hours a week: 1 credit.

Prerequisites: Mathematics 250a-264b.

References: Ganguli, *The Theory of Plane Curves, Vol. I* (University of Calcutta Press).
Salmon, *Higher Plane Curves.*
Williamson, *Differential Calculus* (Appleton).

453a. **Finite Differences:** fundamental difference forms; factorial expansions; inter polation formulae; divided differences; central differences; statistical applications; mechanical quadratures; integration; Euler-Maclaurin's, Woolhouse's and Lubbock's Formulae.

2 hours a week: 1 credit.

Prerequisites: Mathematics 250a-264b.

Text-book: Freeman, *Actuarial Mathematics* (Cambridge).

454b. **Advanced Calculus:** selected topics.

2 hours a week: 1 credit.

Prerequisites: Mathematics 250a-264b.

References: Williamson, *Integral Calculus* (Longmans).
Byerly, *Integral Calculus* (Ginn).
Goursat-Hedrick, *Mathematical Analysis, Vol. I* (Ginn).

456. **Theory of Functions of a Complex Variable.**

2 hours a week: 2 credits.

Prerequisites: Mathematics 250a-264b.

Text-book: Townsend, *Functions of a Complex Variable* (Holt).

457. **History of Mathematics.**

1 hour a week: 1 credit.

References: Cajori, *A History of Mathematics* (Macmillan).
Sandford, *A Short History of Mathematics* (Houghton, Mifflin).

462b. **Advanced Theory of Conic Sections:** study of conics by abridged notations; points and lines at infinity; Pascal's and Brianchon's Theorems; parametric equations of conics; envelopes; harmonic and anharmonic properties of ranges and pencils related to conics; projective properties of conics; involution, polar reciprocation, applications.

2 hours a week: 1 credit.

Prerequisites: Mathematics 250a-264b.

Text-book: Salmon, *Conic Sections* (Longmans).

463a. **The Mathematics of Finance.**

2 hours a week: 1 credit.

Prerequisites: Mathematics 250a-264b.

Text-book: Rietz, Crathorne and Rietz, *Mathematics of Finance* (Holt).
Reference: Todhunter (revised by Simmonds and Thompson), *Text-Book on Compound Interest and Annuities-Certain* (Cambridge University Press).

473b. **The Mathematics of Life Insurance:** the mortality table; probabilities of life; annuities; expectations of life; the law of mortality; life insurance premiums; policy reserves.

2 hours a week: 1 credit.

Prerequisites: Mathematics 453a and 463a.

Text-books: Rietz, Crathorne and Rietz, *Mathematics of Finance* (Holt). Spurgeon, *Life Contingencies* (Macmillan).

Courses Leading to the Degree of M.A.

A selection from the following courses will be offered from time to time to suit the qualifications of candidates:

550. **Theory of Numbers.**
551. **Synthetic Projective Geometry.**
552. **Analytic Projective Geometry.**
553. **Advanced Actuarial Science.**
554. **Elliptic Integrals.**
556. **Theory of Functions of a Real Variable.**
559. **Celestial Mechanics.**
560. **Theory of Invariants.**
563. **Insurance Problems.**
564. **Projective Differential Geometry.**
576. **Theory of Algebraic Functions.**

DEPARTMENT OF PHILOSOPHY AND PSYCHOLOGY

University College

ROY B. LIDDY, PH.D., LL.D.,	Professor
DOUGLAS J. WILSON, M.A., PH.D.,	Instructor
REV. G. B. SAGE, M.A., D.D., LL.D.,	Lecturer
A. RUTH LEWIS, M.A.,	Lecturer
LEOLA E. NEAL, B.A.,	Assistant

Assumption College

REV. W. J. DWYER, M.A., L.PH.,	Professor
REV. E. J. WELTY, M.A., PH.D.,	Lecturer
REV. V. I. MCINTYRE, M.A.,	Lecturer

Ursuline College

REV. J. H. POCOCK, B.A., Professor
REV. F. J. BRENNAN, S.T.L., Associate Professor
REV. W. T. FLANNERY, S.T.D., Associate Professor
RT. REV. L. M. FORRISTAL, B.A., Associate Professor
REV. L. A. WEMPLE, B.A., L.PH., Instructor

Waterloo College

REV. H. HENKEL, B.A., Associate Professor

Huron College

REV. J. H. CRAIG, M.A., B.D., Lecturer

NOTE. Students taking courses in this Department which involve laboratory work will be required to make a deposit of two dollars to cover supplies and breakages. Any surplus will be refunded at the end of the college year.

Philosophy

30. **Introduction to Philosophy:** a course designed to give the beginner an understanding of the chief problems of philosophy and an acquaintance with the important developments in its history. Emphasis will be placed upon the following topics: the relation of philosophy to the special sciences; theories of knowledge; theories of reality; the philosophy of evolution; the world of values. Outstanding philosophers and tendencies in the history of philosophy will be briefly considered. Offered in University College only.

2 hours a week: 2 credits.

30x. **Introduction to Philosophy:** the general problems and divisions of philosophy; Greek Philosophy from Thales to Plotinus, with special reference to Socrates, Plato and Aristotle; lectures, readings and essays. Offered in Assumption, Ursuline and Waterloo Colleges.

2 hours a week: 2 credits. (At Assumption and Ursuline Colleges, 3 hours a week: 3 credits.)

31. **Logic:** Formal and Inductive.

1 hour a week: 1 credit.

31x. **Logic** (equivalent of 31): an introductory course in the principles of Deductive and Inductive Logic. Offered in Waterloo College only.

2 hours a week, second term: 1 credit.

Text-book: Creighton, *An Introductory Logic.*

32. **Ethics:** the history of early modern ethics up to Kant; theory of obligation; applied ethics.

1 hour a week: 1 credit.

32x. **Ethics** (equivalent of 32): a general course in Ethics in which the Christian point of view will be maintained and emphasized, while the value of the study of Philosophic Ethics will be pointed out. Offered in Waterloo College only.

2 hours a week, first term: 1 credit.

Text-books: Mackenzie, *Manual of Ethics.*
Sidgwick, *History of Ethics.*
Keyser, *General Ethics.*

33. **Christian Ethics:** the ethics of the New Testament; the development of ethical thought during the Christian era; Christian ethical standards of today as they affect the individual and society.

1 hour a week: 1 credit.

33x. **Christian Ethics:** General and Special; Papal Encyclicals. Offered at Ursuline College.

2 hours a week: 2 credits.

37. **History of Ancient and Mediaeval Philosophy:** the history of western philosophy up to the Renaissance. So far as time permits, source material will be studied. Not offered in 1935-36.

2 hours a week: 2 credits.

37x. **History of Ancient and Mediaeval Philosophy:** the history of (1) Greek, Roman and Patristic periods, (2) Mediaeval Philosophy and Scholasticism. Offered at Ursuline College.

2 hours a week: 2 credits.

43b. **Philosophy of Religion:** the nature, method and value of religion; the relation between religion and science, and between religion and philosophy. Special emphasis will be placed upon the concepts of God, prayer, evil, freedom, immortality. Not offered in 1935-36.

2 hours a week: 1 credit.

47. **History of Modern Philosophy:** from the Renaissance to the present. Current types of philosophy will be emphasized.

2 hours a week: 2 credits.

47x. **History of Modern Philosophy:** the transition from Mediaeval to Modern Philosophy; Modern Philosophy.

At Assumption College 3 hours a week: 3 credits.

At Ursuline College 2 hours a week: 2 credits.

Honour Courses

Offered in University College only.

230. **Introduction to Philosophy:** identical with 30.

231. **Logic:** identical with 31.

332. **Ethics:** identical with 32.

333. **Christian Ethics:** identical with 33.

337. **History of Ancient and Mediaeval Philosophy:** identical with 37. Not offered in 1935-36.

350. **Principles and Problems of Philosophy:** an outline of various types of realism, idealism and pragmatism; a critical study of the fundamental concepts of science, morality, religion and art. Not offered in 1935-36.

1 hour a week: 1 credit.

443b. **Philosophy of Religion:** identical with 43b.

447. **History of Modern Philosophy:** identical with 47.

458. **Contemporary Philosophy:** a critical study of present day tendencies in Epistemology and Metaphysics.. Not offered in 1935-36.

1 lecture or seminar a week: 1 credit.

Psychology

20. **Introduction to Psychology:** an elementary course in General Psychology. Among the topics considered will be the following: contemporary psychological methods and tendencies; intelligence and intelligence testing; memory and the learning process; motivation; feeling and emotion; sensation and perception; types of thinking; imagination processes; the integration and disintegration of personality; the unconscious. The course will include a brief introduction to social, abnormal and applied psychology. Lectures, prescribed reading and essays.

3 hours a week: 3 credits.

20x. **Introduction to Psychology:** Offered at Ursuline College.

2 hours a week: 2 credits.

35. **Experimental Psychology:** an elementary course.

2 lectures, 2 laboratory hours a week: 3 credits.

36. **Genetic and Educational Psychology:** the development of the child up to adolescence; biological foundations; native equipment; the learning process applied to the training of emotional life and socialized habits; applications to educational methods; tests of achievement; aim and point of view of mental hygiene.

2 hours a week: 2 credits.

37. **Quantitative Methods in Psychology:** An introduction to statistical methods as applied to psychology and education. Graphical methods; frequency distributions; measures of central tendency; measures of variability; the normal curve; correlation; reliability and validity of measures. Not offered in 1935-36.

1 hour a week: 1 credit.

38. **Learning and Tests:** a detailed study of the learning process by actual experimentation; theory and construction of tests with statistical procedures necessary for their interpretation. Not offered in 1935-36.

2 lectures, 2 laboratory hours a week: 3 credits.

39. **Clinical Problems in Mental Hygiene:** the clinical approach to mental hygiene; mental testing in a Mental Health Clinic; behaviour problems in childhood; factors promoting mental health.

1 hour a week: 1 credit.

43a. **Psychology of Religion:** the structure, genesis, and growth of religious experience; conscious and unconscious elements; types of conversion; the psychological aspects of worship and of religious belief. Not offered in 1935-36.

2 hours a week: 1 credit.

46. **Applied Psychology:** individual competence for practical life; problems of motivation; learning and achievement in special fields such as industry, school and professional life.

2 hours a week: 2 credits.

48a. **Social Psychology:** the activities of living beings in response to their social environment. Among the special subjects discussed are the following: the social setting and psychological foundations of social behaviour; the conditioning of personality by the family and other groups; types of prejudice; leadership and prestige in social life; the mob; mental epidemics; public opinion.

2 hours a week: 1 credit.

48b. **Abnormal Psychology:** abnormal processes in the realm of sensation, perception, memory, emotion, thought; dreams; hypnotism; the feeble-minded; the genius; deranged personalities.

2 hours a week: 1 credit.

5x9b. **Business Psychology:** essentials and applications of modern psychology for commerce and industry. This subject is offered only to students registered in the intensive course in Business Administration.

2 hours a week: 1 credit.

Honour Courses

Offered in University College only.

235. **Experimental Psychology:** identical with 35, with additional assignments.

336. **Genetic and Educational Psychology:** identical with 36, with additional assignments.

337. **Quantitative Methods in Psychology:** identical with 37.

338. **Learning and Tests:** identical with 38

339. **Clinical Problems in Mental Hygiene:** identical with 39.

443a. **Psychology of Religion:** identical with 43a.

446. **Applied Psychology:** identical with 46.

448a. **Social Psychology:** identical with 48a.

448b. **Abnormal Psychology:** identical with 48b.

455. **Experimental Psychology:** an advanced course in which each student will select some topic for special investigation.

1 lecture or seminar, 4 laboratory hours a week: 3 credits.

459. **Systematic Psychology:** a critical examination of modern systems of psychology with special attention to the categories of experience and behaviour used by each. Lectures and reading assignments in texts representing the various tendencies in modern psychology.

2 hours a week: 2 credits.

Honour Courses

Offered in Assumption College and Ursuline College only.

250x. **Elementary Psychology:** a course in Elementary Psychology: sensation; perception; imagination; instinct; memory; sensuous appetites and feelings; intellect; intellect and sense; intellectual cognition; theories of conception; process of intellectual development; rational appetite; necessary voluntary acts; free acts; emotions and sentiments.

3 hours a week: 3 credits.

Text-books: S. A. Lortie, *Elements Philosophiae Christianae.*
Warren and Carmichael, *Elements of Psychology.*

251x. **Logic:** a course in Formal Logic; the three operations of the mind; the idea; the term; various kinds of idea; definition; division; categories and predicables; judgment; the propositions, various kinds, their nature and division: reasoning; deductive and inductive; the syllogism; rules, modes and figures; the use of the syllogism; fallacies.

2 hours a week: 2 credits.

Text-book: S. A. Lortie, *Elementa Philosophiae Christianae.*

257x. **History of Philosophy:** a course in Greek Philosophy. The history of Philosophy in general; Oriental Philosophy; the transition from superstition to Philosophy; the progress of Greek thought from its birth among the Ionians to its perfection in Plato and Aristotle; the Post-Aristotelian Philosophy; Graeco-Oriental Philosophy.

2 hours a week: 2 credits.

Text-books: E. Brehier, *Histoire de la Philosophie.*
William Turner, *History of Philosophy.*
References: J. Burnet, *Greek Philosophy.*
W. T. Stace, *A Critical History of Greek Philosophy.*
Windleband, *History of Philosophy.*

351x. **Metaphysics: Logic.**

Ontology: being; essence; existence; the transcendental qualities of being; substance; accident; properties of being; nature; subsistence; person; time; space; cause and effect; quantity; quality; relation.

Cosmology: theories of the property and constitution of matter; scholastic theory of matter and form; critical examination of the atomic and dynamic theories; properties of physical substances; laws of nature; miracles.

Criteriology: nature and existence of certitude; logical truth; criteria; the senses and consciousness as means of certitude; objectivity of our concepts.

5 hours a week: 5 credits.

Text-books: L. De Raeymaker, *Metaphysica Generalis.*
S. A. Lortie, *Elementa Philosophiae Christianae, Vol. II.*

352x. **Ethics:** General: the last end of man; its nature and attainment; morality of human acts; the norm of morality; law, eternal, natural and positive, in relation to morality; right reason; conscience; influence of passions on moral acts; habits; virtues; vices; general notions of right and duty.

3 hours a week: 3 credits.

Text-books: S. A. Lortie, *Ethica et Philosophia Moralis.*
S. J. Cronin, *Science of Ethics.*

357x. **History of Philosophy:** Patristic and Mediaeval.

Patristic: Heretical systems; Ante-Nicene Fathers; Post-Nicene Fathers.

Mediaeval: Arabian, Jewish and Scholastic Philosophy; formation, culmination and decline.

3 hours a week: 3 credits.

Text-books: M. De Wulf, *History of Philosophy.*
William Turner, *History of Philosophy.*
References: M. De Wulf, *History of Mediaeval Philosophy.*
E. Gilson, *Etudes de Philosophie Médiaévale.*
H. O. Taylor, *The Mediaeval Mind.*

450x. **Theodicy: Rational Psychology.**

Theodicy: the idea of the Divine Being; proof of the existence of God; the divine attributes; the immanent operations of God; the transient operations of God; the unicity of God.

Rational Psychology: life; plant life; animal life; origin of species; Mendelism; rational life; the human soul and its essential qualities; union of soul and body; origin and destiny of the human soul.

5 hours a week: 5 credits.

Text-book: S. A. Lortie, *Elementa Philosophiae Christianae, Vol. II.*

452x. **Ethics:** Special: duties and rights. The individual: his duties of justice and charity to God, his neighbour and himself. The family: marriage; polygamy; divorce; monogamy, celibacy; relations between parents and children. The state: origin and forms of civil society; origin of civil power; forms of government; rights and duties of the state; citizenship.

3 hours a week: 3 credits.

Text-book: S. A. Lortie, *Elementa Philosophiae Christianae, Vol. III.*

457x. **History of Philosophy:** Modern: the history of modern Philosophy from Descartes to the present; the Idealistic Movement; German Transcendentalism; Evolutionism; Positivism; Rationalism; Pragmatism.

3 hours a week: 3 credits.

Text-books: Joseph Marechal, *Precio D'Histoire de la Philosophie Moderne.*
Turner, *History of Philosophy.*
References: Rand, *Modern Classical Philosophers.*
Windleband, *History of Philosophy.*
Erdman, *History of Philosophy.*
Royce, *The Spirit of Modern Philosophy.*

DEPARTMENT OF PHYSICAL EDUCATION

University College

J. H. CROCKER, M.P.E.,	Director
JOYCE M. PLUMPTRE, B.A., D.P.E.,	Instructor
BARBARA CROWE, D.P.E.	Student Assistant
L. H. DAVIES, B.Sc., B.P.E.,	Student Assistant
ALEX. DEWAR,	Student Assistant
A. C. TURNER,	Student Assistant
DORIS WESTON, D.P.E.	Student Assistant

Alma College

DOROTHY HELEN LEE, M.S.P.E.,	Instructor

Assumption College

REV. V. I. MCINTYRE,	Instructor

Ursuline College

GRACE RATH, B.A., Lecturer

Waterloo College

ERNEST GOMANN, Student Assistant
CONRADINE SCHMIDT, Student Assistant

COURSES FOR WOMEN

All women students of the first and second years must enroll in this department. By arrangement with the Department, second year students may drop out of organized classes during the weeks in which they wish to participate in riding, golf, skating, swimming, or with intercollegiate or inter-year teams. The classes continue throughout the academic year. Students may choose their hours. Classes are conducted out of doors when weather permits, otherwise in the auditorium.

Out-door activities consist of: tennis, archery, badminton, soccer, track and field athletics, baseball, cross-country hiking, volley-ball, skating and skiing.

In-door activities: gymnastics, badminton, basketball, natural dancing, group games and relays, posture training, health education.

Uniform: A uniform costing approximately $5.00 is required. It may be ordered through the University at the time of registration.

10. **General Physical Education:** prescribed for all women in the first year.

2 hours a week: 1 credit.

20. **General Physical Education:** prescribed for all women in the second year.

2 hours a week: 1 credit.

Prerequisite: Physical Education 10.

30-40. **Advanced Physical Education:** optional for women of the third and fourth years. Optional courses: General Physical Education, Leaders' Course, Special Course in Hygiene and First Aid.

2 hours a week, each year: 1 credit each year.

Prerequisite: Physical Education 10, 20.

Leaders' Course: designed for those who intend to carry on physical education in schools, playgrounds, camps, or recreation centres.

Special Course: offered to students who are not physically fit to participate in the entire program. It will include archery, hiking, first aid and hygiene, remedial gymnastics, and will be adapted to the needs of the individual student.

COURSES FOR MEN

A student may elect one from each of the following Autumn and Winter groups within the Physical Education program, and if his performance justifies it, he will receive credit for the prescribed or elective work of his year.

Autumn: Rugby, soccer, track, horseback riding, military training (C.O.T.C.).

Winter: Boxing and wrestling, hockey, basketball, gymnastics, military training (C.O.T.C.), basketball coaching, badminton, first aid.

11. **Physical Education:** required of all men in the first year. This course consists of one elective autumn activity and one elective winter activity.

2 hours a week: 1 credit.

21. **Physical Education:** required of all men in the second year. This course consists of one elective autumn activity and one elective winter activity.

2 hours a week: 1 credit.

31-41. **Advanced Physical Education:** optional for men of the third and fourth years. Open only to those who have had Physical Education 11 and 21. This course consists of one elective autumn activity and one elective winter activity

2 hours a week, each year: 1 credit each year.

First Aid to the Injured: a winter option for 10 or 11; elementary and advanced courses, seven lectures each, with an examination for Certificate in St. John Ambulance Association.

1 hour a week: ½ credit.

Text-book: *St. John Ambulance Hand Book.*

Theory of Physical Education: a winter option in 31, 41. History and principles of physical education; organization and administration of the physical department.

1 hour a week: ½ credit.

Basketball Coaching: a winter option in 21, 31, 41. This course will deal thoroughly with the following phases of the game: history and development, fundamentals, individual and team development of offence and defence, formations and signals. This study will be followed by a general discussion and comparison of the various styles of play. A brief period will be devoted to basketball rules. Each day's work will consist of one period of lecture work, followed by one period of practical work on the basketball floor.

2 hours a week: 1 credit.

Prerequisite: Physical Education 11.

Military Training: an option in 11, 21, 31, 41. The work of the C. O. T. C. offers an unusual opportunity to students to pass examinations for lieutenants' and captains' certificates. The examinations are conducted by the staff of the Imperial War Office, and the certificates are standard throughout the British Empire.

The course approved by the Military Committee is as follows:

First Year: Elementary theory and preliminary practical training.

Second Year: Theoretical and practical training leading to Certificate "A" Infantry. Medical Students may join "B" Company and take Certificate "A" Medical.

Third Year: Certificates "B", Infantry and Medical.

Fourth Year: Training as Specialists.

The military training of the first two years consists of two parts: **Theoretical,** 1 hour a week; **Practical,** 2 hours a week.

Theoretical: lectures on Organization and Administration, Duties, Military Law, Principles of War and Characteristics of Fighting Troops, Infantry in Battle, Protection, Infantry in Attack and Defence, Information, Movements by Land and Sea, Quarters, Messages, Orders and Appreciations and Topography. The medical company will receive special lectures.

Practical: Platoon and Extended Order Drill, Company Drill, Various Formations used in Attack and Defence, and Musketry. "B" company, medical services.

Rifle Association: all members of the University Contingent are entitled to the privileges of the Rifle Association.

DEPARTMENT OF PHYSICS

University College

R. C. DEARLE, M.A., PH.D.,	Professor
R. L. ALLEN, M.A.,	Associate Professor
A. WILLENA FOSTER, M.A.,	Assistant Professor
A. M. I. A. W. DURNFORD, M.A., PH.D.,	Assistant Professor
R. G. ELSON, M.A.,	Senior Demonstrator
G. A. WOONTON, M.A.,	Research Assistant and Demonstrator
GERALD GILL, B.A.,	Demonstrator
R. HORNSTEIN, B.A.,	Demonstrator
WILSON TOTTEN, B.A.,	Demonstrator
F. W. PYE,	Instrument Maker

Assumption College

REV. T. A. MACDONALD, M.A.,	Professor

All students taking laboratory work in Physics must make a deposit of five dollars to the Bursar to cover breakage. Any surplus will be refunded at the end of the college year.

10. **Mechanics and Heat:** an introductory survey course prescribed for students intending to major in some branch of science. The course consists of lectures, demonstrations and laboratory exercises covering the following principal topics: systems of measurement; laws of uniformly accelerated motion; elementary analytic statics; rotational motion; simple harmonic motion; hydrostatics and hydrodynamics; surface tension; viscosity; osmosis; thermometry; temperature and its effects; gas laws; calorimetry; change of state; vapor pressure; hygrometry; elementary kinetic theory; first and second laws of thermodynamics, reversible cycles.

2 lectures, 3 laboratory hours a week: 3½ credits.

Text-books: Duncan and Starling, *Dynamics.*
Hart, *Introduction to Advanced Heat.*

11a. **Physical Science:** lectures and demonstrations, accompanied by suitable laboratory exercises, designed (1) to give a background of the development of the philosophy of science, (2) to develop the broad general principles of physics, (3) to present an outline of some of the newer developments in physical science, with a discussion of their possible significance.

This course constitutes approximately one-half of the work of the course in Physical Science, which is offered as an

option in Junior Groups 2, 3 and 4, and in the Senior Group. See also Physical Science 11a, page 106.

2 lectures, 3 laboratory hours a week: 1½ credits.

Text-book: Loeb, *Development of Physical Thought.*

20. **Advanced Survey Course:** supplementary to Physical Science 11.

2 lectures, 3 laboratory hours a week: 3½ credits.

30. Not offered in 1935-36.

Honour Courses

204a. **Sound and Light:** elementary geometrical optics; vibratory motion and wave motion; a very brief introduction to spectroscopy; radiation; interference; diffraction; polarization; the characteristics of musical sounds; methods of sound analysis. Prescribed for students in Biology, Geology, B.A., M.D.

2 lectures, 3 laboratory hours a week: 1½ credits.

Text-book: Saunders, *A Survey of Physics.*

205b. **Electricity and Magnetism:** an elementary treatment of the phenomena of electricity and magnetism and electron physics. Prescribed for students in Biology, Geology, B.A., M.D.

2 lectures, 3 laboratory hours a week: 1½ credits.

Text-book: Saunders, *A Survey of Physics.*

250. **Elements of Mechanics:** a mathematical treatment of the principles of statics and dynamics with numerous applications of physical principles.

2 lectures a week: 2 credits.

Text-book: Campbell, *An Introduction to Mechanics.*

251. **Physical Measurements:** lectures on laboratory methods and practical work with emphasis on precision. Training is given in contracted methods of calculation, and in graphical solution of problems, also in some of the simpler laboratory arts, such as glass-blowing, etc.

3 laboratory hours a week: 1 credit.

Text-book: Goodwin, *Precision of Measurements.*

254. **Sound and Light:** elementary geometrical optics; vibratory motion; spectroscopy; interference; diffraction; polarization; the velocity of light; the propagation of sound;

the characteristics of musical sounds; methods of sound analysis; the basis of architectural acoustics. Prescribed for students in Mathematics and Physics, Chemistry and Physics, Chemistry.

1½ lectures, 3 laboratory hours a week: 2½ credits.

Text-books: Saunders, *A Survey of Physics*.
Valasek, *Light*.

255. **Electricity and Magnetism:** lectures on the principles of electricity and magnetism, including an introduction to electrical measurements. Prescribed for students in Mathematics and Physics, Chemistry and Physics, Chemistry.

1½ lectures, 3 laboratory hours a week: 2½ credits.

Text-book: Loeb, *Electricity and Magnetism*.

350. **Vector Mechanics:** an introduction to vectors and their applications to the dynamics of a particle.

3 lectures a week: 3 credits.

352. **Properties of Matter and Heat:** a mathematical treatment of periodic motion, gravitation, elasticity, surface tension, osmosis, changes of state, laws of gases.

2 lectures, 3 laboratory hours a week: 3 credits.

Text-book: Newman and Searle, *The General Properties of Matter*.

354. **Geometrical and Physical Optics:** a more advanced treatment of theoretical and applied optics.

2 lectures, 6 laboratory hours a week: 5 credits.

Text-books: Taylor, *College Manual of Optics*.
Robertson, *Introduction to Physical Optics*.

355a. **Electrostatics and Magnetism:** a mathematical treatment of the phenomena of static electricity and magnetism.

2 lectures a week: 1 credit.

Text-book: Page and Adams, *Principles of Electricity* (Van Nostrand), Chapters 1-4 inclusive.

360. **Vector Mechanics:** similar to Physics 350, but with the addition of laboratory work in the first term.

3 lectures a week throughout the year, 3 laboratory hours a week in the first term: 3½ credits.

364. **Geometrical and Physical Optics:** similar to Physics 354, but with less laboratory work.

2 lectures, 3 laboratory hours a week: 4 credits.

451b. **Fourier Series:** an introduction to Fourier's analysis of wave-motion, with applications to the theory of heat conduction, and to the vibrations of plucked strings.

2 lectures a week: 1 credit.

453. **Thermodynamics:** a treatment of the laws of thermodynamics, heat engines, reversible cycles, radiation, energy distribution.

2 lectures a week: 2 credits.

Text-book: Birtwhistle, *Thermodynamics.*

455. **Electricity and Magnetism:** a continuation of course 355; current electricity, electromagnetic induction, the development of Maxwell's equations for the electromagnetic field.

2 lectures a week: 2 credits.

Text-book: Page and Adams, *Principles of Electricity* (Van Nostrand).

456. **Recent Advances in Physics:** a course on selected topics, with outside reading, including conduction through gases, measurement of electronic charge, radioactivity, positive ray analysis, atomic theory.

2 lectures a week: 2 credits.

458. **Seminar:** preparation and reading of articles from current magazines as well as historical essays. Prescribed for fourth year students and optional for all students in the Mathematics and Physics course.

1 hour a week: 1 credit.

459. **Laboratory Course:** designed as an accompaniment to the lecture work of the fourth year. Special emphasis is laid upon individuality of work and resourcefulness. As far as possible, training is given in research methods.

9 laboratory hours a week: 3 credits.

Courses Leading to the Degree of M.A.

505. **Vacuum Tube Theory and Practice:** offered as a minor option to graduate students in other branches of science.

1 lecture, 3 laboratory hours a week: 2 credits.

506. **Atomic Physics:** offered as a minor option to graduate students in other branches of science.

2 lectures a week: 2 credits.

551. **Theory of Relativity:** 2 lectures a week.

553. **Theory of Thermal Radiation:** 2 lectures a week.

554. **Series in Line Spectra:** 2 lectures a week.

555. **Electrodynamics:** 4 lectures a week.

556. **X-Rays and Crystal Structure:** 2 lectures a week.

558. **Seminar.**

559. **Research.**

DEPARTMENT OF RELIGIOUS KNOWLEDGE

Alma College

ELIZABETH ROSS, B.A.,	Instructor

Assumption College

REV. W. P. MCGEE, M.A.,	Professor
REV. F. A. WALSH, B.A.,	Lecturer

Ursuline College

REV. M. A. BRISSON,	Professor
RT. REV. A. P. MAHONEY,	Professor

Waterloo College

REV. F. B. CLAUSEN, D.D.,	Professor
REV. H. L. HENKEL, B.A.	Professor
REV. C. H. LITTLE, B.A., S.T.D., D.D.,	Professor
REV. G. SANDROCK,	Professor

Huron College

Rev. C. C. WALLER, MA., D.D.,	Professor
REV. F. ANDERSON, M.A., D.D.,	Professor
VERY REV. G. B. SAGE, M.A., D.D., LL.D.,	Professor
REV. R. T. APPLEYARD, B.A., B.D.,	Lecturer
REV. K. TAYLOR, M.A., B.D.,	Lecturer

Huron College

For courses offered in Huron College, see pages 175-177.

Offered at Assumption College only.

11x. **Religious Knowledge:** lectures, prescribed reading. Revelation in general pre-Christian revelation; Christian revelation; foundation and marks of the Church; nature of God; the Trinity; creation; redemption.

2 hours a week: 2 credits.

Text-book: Wilmers, *Handbook of the Christian Religion.*

21x. **Religious Knowledge:** a course on the dogmatic and moral teachings of the Catholic Church: Grace, the Sacraments, Christian morality, basis of morality, duties towards God, duties towards our neighbor, capital and labour. Lectures and prescribed reading.

2 hours a week: 2 credits.

Text-book: Wilmers, *Handbook of the Christian Religion.*

30x. **Apologetics:** lectures and prescribed reading. De vera religione; religion in general; revealed religion; Divinity of the Christian religion.

2 hours a week: 2 credits.

Text-book: A. Tanquerey, *Synopsis Theologiae Dogmaticae, Vol. I.*

31x. **An introductory course on the Bible:** lectures. Inspiration; methods of interpretation; canonics; Biblical history.

1 hour a week: 1 credit.

References: Gigot, *General Introduction to the Study of Scripture.*
Seisenberger, *Practical Handbook of the Study of the Bible.*

40x. **Apologetics:** lectures and prescribed reading. De Ecclesia Christi; Divine institution; constitution. De Fontibus Revelationibus; scripture; tradition; modernism; present-day religious conditions.

2 hours a week: 2 credits.

Text-book: A. Tanquerey, *Synopsis Theologiae Dogmaticae, Vol. I.*

41x. **Church History:** a course covering the broad outlines of Church History. Conversion of the Empire; Genius of the Middle Ages; the Renaissance and the Reformation; the Church and Nationalism.

1 hour a week: 1 credit.

References: Kurth, *The Church at the Turning Points of History.*
Birkhaeuser, *History of the Church.*
Belloc, *Europe and the Faith.*
Pastor, *History of the Popes.*

Offered at Ursuline College only.

10x. **Christian Doctrine:** Faith; Grace; the Divine Essence; the Blessed Trinity; the creation; the Incarnation; the Redemption; the sacramental system; Eschatology. Lectures, prescribed New Testament readings and essays.

2 hours a week: 2 credits.

Text-books: *The New Testament.*
Sheehan, *Catholic Doctrine.*

20x. **Apologetics:** Existence and Nature of God; liberty, spirituality and immortality of the Human Soul; the Pentateuch and Science; historical value of the Gospels; the Divinity of Christ. Lectures, essays and prescribed readings.

2 hours a week: 2 credits.

Text-book: Devivier-Sasia, *Christian Apologetics, Vol. I.*

30x. **Apologetics:** the Christian Church; Christ's Kingdom on earth; marks of the True Church; prerogatives of the True Church; accusations against the Church; recent sects; the Church and civilization. Lectures, essays and prescribed readings.

2 hours a week: 2 credits.

Text-book: Devivier-Sasia, *Christian Apologetics, Vol. II.*

40x. **Christian Morals and Catechetics:** the foundation of Christian morality; the Ten Commandments of God; the commandments of the Church; modern problems; methods of teaching religion; the Munich method. Lectures, prescribed readings and essays.

2 hours a week: 2 credits.

Text-book: Wilmers, *Handbook of the Christian Religion.*

101x. **Religious Knowledge:** Old Testament History; Creation to the disruption of Solomon's Kingdom; Biblical languages; Biblical archaeology; canonics.

1 hour a week: 1 credit.

Text-books: The Old Testament.
Laux, *Introduction to the Bible.*
Richards, *Scripture History.*

201x. **Religious Knowledge:** Old Testament History, disruption of Solomon's Kingdom to the Birth of Christ; the prophetical office; Messianic prophecies; Jewish sects.

1 hour a week: 1 credit.

Text-books: The Bible.
Laux, *Introduction to the Bible.*
Richards, *Scripture History.*

300x. **Christian Doctrine:** lectures, prescribed reading and essays. The Authority of the Church; Faith; the Divine Essence; the Blessed Trinity; the Creation; the Incarnation; the Redemption.

1 hour a week: 1 credit.

Text-book: Sheehan, *Apologetics and Catholic Doctrine.*

301x. **Church History:** lectures, prescribed reading and essays. Christian Antiquity and Mediaeval Church History, from the Birth of Christ to the year 1500 A.D.

2 hours a week: 2 credits.

Text-book: Birkhaeuser, *History of the Church.*

400x. **Christian Doctrine:** lectures, prescribed reading and essays. God, the Sanctifier; the Sacramental System; the Last Things.

1 hour a week: 1 credit.

Text-book: Sheehan, *Apologetics and Catholic Doctrine.*

401x. **Church History:** lectures, prescribed reading and essays. The Reformation Period and Modern Church History.

2 hours a week: 2 credits.

Text-book: Birkhaeuser, *History of the Church.*

Offered at Waterloo College only.

19x. **Biblical Literature:** A thorough study of the life of Jesus based on the Synoptic Gospels.

1 hour a week: 1 credit.

Text-books: The Bible.
Fischer, *The Story of Jesus.*

29x. **Biblical Literature:** A study of the Book of Acts, with special attention to the life and epistles of St. Paul.

1 hour a week: 1 credit.

Text-book: The Bible.

39x. **Biblical Literature:** A survey of the history and literature of the Prophets prior to the Exile.

2 hours a week: 2 credits.

Text-book: The Bible.

47x. **Christian Doctrine:** A Summary of the Christian Faith, setting forth the fundamental doctrines of the Sacred Scriptures from the standpoint of Evangelical Christianity.

2 hours a week: 2 credits.

Text-books: Jacobs, *A Summary of Christian Faith.*
Jacobs, *Elements of Religion.*

48x. **Church History:** lectures, prescribed reading and essays. The following parts will be given in alternate years, Part 2 in 1935-36.

1. Ancient and Mediaeval Church History;
2. The Reformation Period and Modern Church History.

2 hours a week: 2 credits.

DEPARTMENT OF ROMANCE LANGUAGES

University College

M. E. BASSETT, M.A., Professor
A. DOROTHY TURVILLE, PH.D., Associate Professor
W. E. COLLIN, L.ès L., M.A., Assistant Professor
H. E. JENKIN, B.A., Assistant Professor
FRANCES K. MONTGOMERY, M.A., DR. UNIV. PAR., Instructor

Alma College

MRS. HARRIET DOBSON, B.A., Instructor

Assumption College

REV. E. J. LAJEUNESSE, M.A., Professor

Ursuline College

M. M. ST. ANNE, M.A., Professor
M. M. MARIE, M.A., Associate Professor

Waterloo College

HANS RABOW, PH.D., Assistant Professor
LOUISE TWIETMEYER, B.A., Instructor

FRENCH

General course students may, with the consent of the Head of the Department, elect French 381 and 491 as optional credits towards graduation.

10. **Intermediate French:** grammar, dictation and translation.

3 hours a week: 3 credits.

Text-books: Galland and Vaughan, *Pro ressive French Grammar* (Macmillan).
Legouvé and Labiche, *La cigale chez les fourmis* (D. C. Heath).
Williams, *Aucassin et Nicolette* (Crofts).
Maurey, *Rosalie et Le Chauffeur* (Ginn).
Loti, *Le roman d'un enfant* (D. C. Heath).

20. **Advanced French:** grammar, dictation, translation, and some training in literary appreciation.

4 hours a week: 4 credits.

Prerequisite: French 10.

Text-books: Ritchie and Moore, *Elementary French Composition* (Nelson).
Atkin, *Canadian Commercial French Grammar* (Pitman).
March, *Tales by Erckman-Chatrian* (Crofts).
Blondheim, *Carmen et Autres Nouvelles* (Heath).
Daudet, *Tartarin de Tarascon* (Dent).
Doillet, *Papassier s'en va-t-en guerre* (Ginn).
Thiéry, *Histoire de France* (Dent).
Salvan and Parker, *Premières Lectures Littéraires* (Heath).
Molière, *Le Malade Imaginaire* (Ginn).
Beaumarchais, *Le Barbier de Séville* (Dent).

30. **Outline of French Literature:** (origins to 1700 A.D.): dictation, translation and prose composition. The students registered in Secretarial Science and Business Administration will take commercial prose.

3 hours a week: 3 credits.

Prerequisite: French 20.

Text-books: Ritchie and Moore, *Elementary French Composition* (Nelson).
Atkin, *Canadian Commercial French Grammar* (Pitman).
Guyer, *The Main Stream of French Literature* (Heath).
Rieu, *La Chanson de Roland* (Methuen).
Thiéry, *Histoire de France* (Dent).
Palfrey-Holbrook, *Medieval French Literature* (Century).
Corneille, *Le Cid* (D. C. Heath).
Molière, *Le Malade Imaginaire* or *L'Avare.*
Racine, *Phèdre* or *Andromaque.*

40. **Outline of French Literature** (1700 A.D. to present time): rapid reading and translation. Selected students in Secretarial Science and Business Administration will take this course as Commercial French.

3 hours a week: 3 credits.

Prerequisite: French 30.

Text-books: Guyer, *The Main Stream of French Literature* (Heath).
Lesage, *Turcaret* (Heath).
Montesquieu, *Lettres Persannes* (Macmillan).
Marivaux, *Le jeu de l'amour et du hasard* (Heath).
Voltaire, *Zadig* (Heath).
Rousseau, *Confessions* (Larousse).
Saint-Pierre, *Paul et Virginie* (Holt).
Comfort, *French Romantic Plays* (Scribner).
Grant, *French Poetry of the 19th Century* (Macmillan).
Rostand, *Cyrano de Bergerac* (Oxford).

45. **Scientific French:** a course in the reading of Scientific French in the student's special field of research.

1 hour a week: ½ credit.

Prerequisite: French 10.

Honour Courses

All students in Honour Courses will take a comprehensive examination at the end of their final year, as indicated on page 40 of this Announcement.

270. **The Literature of the Seventeenth Century:** lectures, reading, discussion and reports. Prescribed for honours in Modern Languages and Romance Languages; optional for Honour English and History.

3 hours a week: 3 credits.

Prerequisite: Junior Group 3 or 4 (page 69).

271. **Prose Composition and Conversation.**

1 hour a week: 1 credit.

Prerequisite: Junior Group 3 or 4 (page 69).

380. **The Literature of the Eighteenth Century:** lectures, reading, discussion, reports in French. Prescribed for Honour Modern Languages and Romance Languages.

3 hours a week: 3 credits.

Prerequisite: French 270.

381. **French Phonetics and Conversation.**

3 hours a week: 3 credits.

Prerequisite: French 271.

This course is given also at Trois Pistoles, P.Q., during July and August.

460. **Pre-Classical Period:** Historical grammar; Mediaeval and Renaissance literature.

2 hours a week: 2 credits.

Prerequisite: French 380.

467. **French Civilization:** a background course for students of French. Required for Honour Romance Languages.

2 hours a week for one term: 1 credit.

Prerequisite: French 380, or 30.

490. **The Literature of the Nineteenth Century:** lectures, reading and essays in French; prescribed for Honour Modern Languages and Romance Languages.

3 hours a week: 3 credits.

Prerequisite: French 380.

491. **Advanced Composition and Conversation.**
2 hours a week for one term: 1 credit.
Prerequisite: French 381.

Courses Leading to the Degree of M.A.

550. **Contemporary French Poetry.**
551. **Advanced French Composition.**
553. **Old French and Philology.**
560. **The Literature of French Canada.**

ITALIAN

20. **Introductory Course:** grammar, pronunciation, translation of simple texts.
3 hours a week: 3 credits.

Text-books: Russo, *Elementary Italian Grammar* (Heath).
Covello and Giacobbe, *First Reader in Italian* (Macmillan).
Goggio, *Six Easy Italian Plays* (Heath).
Pirandello, *Così è se vi pare* (Heath).

30. **Outline of Italian Literature:** translation and composition. Not given in 1935-36.
3 hours a week: 3 credits.
Prerequisite: Italian 20.

220. Identical with 20.

330. Identical with 30.

SPANISH

10. **Elementary Course:** grammar, pronunciation, dictation, translation, memorization of short fables and poems.
4 hours a week: 4 credits.
Prerequisite: Complete Pass Junior Matriculation.

Text-books: Olmstead and Grismer, *First Spanish Grammar* (Macmillan).
Cano and Goggio, *Cuentos humorísticos españoles* (Macmillan).
Bodsworth and James, *Cuentos modernos* (Black-Macmillan).
Brady and Husson, *Five One-Act Spanish Plays* (Appleton-Century).

20. **Selected Masterpieces of Spanish Literature:** lectures, reading, translation, discussion and reports.
2 hours a week: 2 credits.
Prerequisite: Spanish 10 or equivalent.

21. **Grammar, Composition and Conversation.**
1 hour a week: 1 credit.
Prerequisite: Spanish 10 or equivalent.

30. **The Contemporary Spanish Novel:** lectures, reading, translation, discussion and reports.
2 hours a week: 2 credits.
Prerequisite: Spanish 20 or equivalent.

31. **Grammar, Composition and Conversation.**
1 hour a week: 1 credit.
Prerequisite: Spanish 21 or equivalent.

40. **Spanish Drama from its Origins to the Seventeenth Century.**
2 hours a week: 2 credits.
Prerequisite: Spanish 30, or equivalent.

41. **Advanced Composition and Conversation.**
1 hour a week: 1 credit.
Prerequisite: Spanish 31 or equivalent.

220. Identical with 20.

221. Identical with 21.

260. **Spanish Drama:** prescribed for Honour Spanish students of the second year along with Spanish 220 and 221.
1 hour a week: 1 credit.

330. Identical with 30.

331. Identical with 31.

360. **Contemporary Drama and Verse:** lectures, reading, translation, discussion and reports.
2 hours a week: 2 credits.
Prerequisite: Spanish 220, 260.

440. Identical with 40.

441. Identical with 41.

450. **Spanish Ballad and Lyric Poetry and Early Novel.**
2 hours a week: 2 credits.
Prerequisite: Spanish 360 or equivalent.

453. **Phonology and Morphology of Spanish:** supplementary to 450.
1 hour a week: 1 credit.
Prerequisite: Spanish 360.

DEPARTMENT OF SECRETARIAL SCIENCE

MARGARET G. KEYES, Graduate, Kensington College.	Assistant Professor
LORNA BIRTLES, Kensington College,	Instructor
LOUISE WISMER, B.A.,	Instructor
MABEL A. HYND,	Assistant
JEAN ELSON, B.A.,	Assistant

Students are warned that the difficulty of adjusting timetables makes it impossible for those who are unable to pass the final tests of each year to take general Arts subjects of a succeeding year in conjunction with their Shorthand and Typewriting. Therefore students who fail to pass in one or more of their subjects are faced with the possibility of having to lose an entire year.

Students taking courses in this department will be charged a laboratory fee of four dollars in each of the second, third and fourth years.

Shorthand and Typewriting

These two subjects are interdependent. As soon as speed has been attained by the student, combined tests are given periodically, and the student progresses in these subjects concurrently, unprepared matter being taken down in shorthand and transcribed on the typewriter.

28-29. **Shorthand and Typewriting:**

Pitman's Shorthand: theory; speed up to fifty words a minute, and typed transcription of notes.

Touch system of typewriting; care of machine; letter styles; copying from manuscript and printed matter; centring; accuracy and time tests.

12 hours a week: 6 credits.

Prerequisite: first year of the course (page 70) without conditions.

Text-books: *New Standard Course in Pitman's Shorthand.*
Pitman's Shorthand Dictionary.
Stuart Typing.

37. **Office Practice:** the foundation of the work in Office Practice is laid in the third year. Lectures are given on office methods, and actual duties are undertaken in the Secretarial Science Office of the University.

6 hours a week: 3 credits.

Prerequisites: Secretarial Science 28-29.

38-39. **Shorthand and Typewriting:**

Shorthand speed up to ninety words a minute; typed transcription of notes.

Typewriting from manuscript; tabulation; carbon copies; telegrams; financial statements; ditto master and stencil; legal documents; accuracy and time tests.

12 hours a week: 6 credits.

Prerequisites: Secretarial Science 28-29.

Text-books: *Pitman's Shorthand Dictionary.*
Stuart Typing, Second Book.

47. **Office Practice:** the responsible duties of the various members of an office staff and the operation of modern office equipment are undertaken by the fourth year students. Units of work are assigned in rotation.

Lectures are given on secretarial duties, office organization, the administration of services, the problem of office personnel.

15 hours a week: 7 credits.

Prerequisites: Secretarial Science 37, 38 and 39.

48-49. **Shorthand and Typewriting:**

Shorthand speed up to 120 words a minute; typed transcription of notes.

Typewriting: speed up to 60 words a minute; typing from advanced copy (technical matter, foreign languages) and from dictation.

10 hours a week: 5 credits.

Prerequisites: Secretarial Science 38-39.

Text-book: *Pitman's Shorthand Dictionary.*

THEOLOGICAL OPTIONS

Offered by Huron College

Apologetics

PROFESSOR SAGE

30x. **Evidences.** Belief in the Divinity of Jesus Christ:

(a) His moral teaching and influence;

(b) The manifestations of His power over the natural world.

2 hours a week: 2 credits.

Text-books: Harris, *Pro Fide.*
Gore, *Belief in Christ.*

31x. **Christian Theism:** Belief in the existence of God; arguments:

(a) Cosmological;

(b) Teleological;

(c) Moral.

2 hours a week, first term: 1 credit.

Text-books: Harris, *Pro Fide.*
Gore, *Belief in God.*

32x. **Comparative Religion.** History of Religion:

(a) The origin and nature of religious consciousness;

(b) Tribal, national and universal religions;

(c) The elements common to religions and their values.

2 hours a week, second term: 1 credit.

Text-books: Menzies, *History of Religion.*
Watson, *Religions of the World.*

Biblical Literature

PRINCIPAL WALLER and REV. R. T. APPLEYARD

10x. **Old Testament:** An introductory course in selected portions of the Old Testament, including memorization.

1 hour a week, one term: ½ credit.

21x. **New Testament:** An introductory course in selected portions of the New Testament, including memorization.

1 hour a week, one term: ½ credit.

30x. **Old Testament General, I.** From the beginning of Scripture History to the death of Solomon, with particular reference to the period from the sojourn in Egypt.

1 hour a week, one term: ½ credit.

31x. **New Testament General, I.** The New Testament period with special reference to the history in the Acts of the Apostles and concurrent Pauline Epistles up to Acts 20.

1 hour a week, one term: ½ credit.

40x. **Old Testament General, II.** From the death of Solomon to the close of the Old Testament canon. The Prophets are studied historically in connection with the periods in which they lived.

1 hour a week, one term: ½ credit.

41x. **New Testament General, II.** History with concurrent Biblical literature from Acts 20 to the close of the New Testament canon.

1 hour a week, one term: ½ credit.

N.B.: These courses are usually given in alternate years. They are supplemented by more intensive study of particular books in other courses.

Text-book: The English Bible.

Church History

REV. DR. ANDERSON, REV. R. T. APPLEYARD and REV. K. TAYLOR

30x. **Early Church History.** From the beginning of the Christian Church to A.D. 461.

2 hours a week: 2 credits.

Text-book: Foakes-Jackson, *The History of the Christian Church from the Earliest Times to A. D. 461.*

40x. **History of the Church in England:** the early period to 1603.

2 hours a week: 2 credits.

Text-books: Overton, *The Church in England* (Two Volumes).
Patterson, *History of the Church of England.*
Vernon, *The Old Church in the New Dominion.*
Reference: Stephens and Hunt, *History of the Church of England* (Eight Volumes).

41x. **History of the Church in England:** the later period from 1603 to the present time; lectures on the modern expansion of the Church.

2 hours a week: 2 credits.

Text-books: See 40x above.

42x. **History of the Reformation.**

2 hours a week: 2 credits.

Text-book: Fisher, *The Reformation.*

DEGREES CONFERRED IN 1934

MAY 25th (SPECIAL CONVOCATION)

DOCTOR OF DIVINITY

(Huron College)

Edmund Walker Crawford
William James Doherty
Edward Harry Mansfield Waller
William Charles White
Louis George Wood

June 6th

DOCTOR OF LAWS

John Bruce Hunter

MASTER OF ARTS

(University College)

Malcolm Stuart Ferguson
Vernon Vincent Franks
Lorna Grant
William English Hitchins
May Ellen Livingstone
George Louis Norman Post
James William Speight

MASTER OF SCIENCE

Marion Agnes Wharton

DOCTOR OF MEDICINE

Irving Bernstein
Charles Alexander Buchanan
Archibald George Denison
William Ross Fraser
Alfred Lyle Hutton
Louis Montague Karmel
William Earl Lamont
Charles Celah Lee
Anthony Joseph Mascari
Joseph Bernard McKay
Helen Bryans MacLennan
Donald Bruce Millen
Frederick John Milner
George Henry Pogorzelski
Frank Riggall
Charles Dewar Russell
Edgar Ralph Sherrin
David Soloway
Willard Hodgins Stanley
Donald George Steer
Charles Stewart Ward
Jack William Weinstock
Andrew Embury Williamson
Alexander Winter

BACHELOR OF DIVINITY

Murray Holt MacLeod

DIPLOMA IN BUSINESS ADMINISTRATION

Elmer Joseph Hatton
William Edward Kime
Reginald Lee Martin
Robert Pierce Ritchie

BACHELOR OF ARTS

(University College)

Marion Greta Abray
Joseph Alexander Addison
George Clive Allen
Muriel Isabel Apps
Daniel Alexander Arbuckle
James Gordon Awde
Mary Josephine Axford
Lillian Gertrude Baker
Mary Winnifred Barnes
Emily Bateman
Bert James Beattie
George Douglas Beaumont
Marion Wilkie Bennett
Evelyn Charlotte Blake
Walter Reid Blakeley
Leonard T. J. Boyce
John Albert Bradley
Margaret Isobel Braithwaite
George Bruce Brown
Marjorie Jean Brown
Tillman Merritt Brown
William Stanley Brown
Henry Eugene Bruce
David George Caldwell
Donald Dale Carr-Harris
Helen Kennedy Churchill
Michael Joseph Citulski
Virginia Jean Clarke
Mervin Hornal Cody
George Artley Dean
Beatrice Jessica Dowzer
Denis Joseph Doyle
Mary Elizabeth DuGuid
John Livingston Duncan
Ernest Mercer Dykes-Denholm
Evelyn Jean Elson
Paul Frederick Elson
Mayme Almeda Farley
Beverly Huron Farr
Maurice Henry Handley Farr
Jean Bell Ferguson
Robert Stanley Ferguson
John Weir Foote
Shirley Watson Fraser
Warren Rowe Fry
Ralph Edmund Geiger
Alice Frances Gibbs
Lois Marion Gidley
Gerald Clifford Gill
Minnie Leah Ginsberg
Philip Magwood Gleason
Robert Ross Glover
Caroline Augusta Goodwin
Carroll John Grimwood
Margaret Eloise Hamlyn
Charles Pacey Haskett
Edna Pamelia Henderson
Mary Helen Hogan
Josephine Dorothy Margaret Honsinger
Jean Elizabeth Hooker
Reuben Aaron Hornstein
George W. James
Jane McArthur Johnson
Frederick William Pryce Jones
James Edward Jones
Lawrence Andrew Kells
Perley Foster Keyes
Mary Elizabeth Kirkpatrick
Frank Chester Lawson
John Motram Riddell Lee
Norman Lickers
Clarence Ashford Lorriman
Murray Gordon Madden
Malcolm Macaulay
Mildred Audrey McCallum
Marion McColl
Mary Margaret McEwen
Clarence Matheson McGaw
Charles Loyale McKenzie
Anna Margaret MacLaren
Duncan Archibald McLarty
Mabel Olive McLarty
Iva Jean McMullen
Duncan Archibald MacRae
Dorothy Elliott McVettie
Arthur Gordon Merifield
Laura Jane Metcalf
Helen Elaine Millen
Crosby Alex. Milne
Catherine Minahan
Margaret Helen Morgan
Mildred Agnes Morgan
Russell Hedley Morgan
George A. Munro
Alexander Wood Munroe
Alexander Donald Murison
Annie Isabel Mustard
Doris Marie Myers
John Bryan Nash
George Kitchener Nobes
Wilbert Harold Orr
Hubert Walton Ovens
Jack Hayes Page
Peter Philip Pigeon
Henry Orville Podden
Norman Noel Powe
Walter Herbert George Prior

William Gregory Thompson Rawlings
Margery Little Rean
Francis Philip Joseph Reeves
Sophie Richmond
Harry Randolph Roberts
Walter Twedle Rosser
Mary Burns Rossie
Carl Gerhard Ruppel
Edgar Frank Stanley Sanders
Edison Lloyd Russell Schram
Anne Fellowes Shannon
Norma Marguerite Sharpe
Anna Jean Shipley
Virginia Marguerite Sloan
Colin Teskey Smith
Madeleine Gwendolyn Snell
John Wyvle Spry
Thomas Andrew Standing
Ruby Emily Stauffer
Stewart Nicol Stevens
Olive Margaret Stevenson
Frankish Roy Styles
Robert Marven Syer
John William Symons
John Ware Tamblyn
Walter Dearness Tamblyn
Thomas Cedric Tanner
Garrett Holmes Taylor
Wolverstan Laird Thomas
Opal Mae Thompson
Adelard Trottier
Jean Madeleine Tuke
Melburne Ernest Turner
Arthur Henry Watson
John Gardner Webster
Frances Elizabeth Weekes
Lewis Theodore White
Mary Moy-Li Wong
Mary Hilda Ind Wright
Dorothy Gladys Young
Malcolm Carmichael Young
Orville John Zavitz

(Ursuline College)

Mary Joan Bergin
Isabelle Rachel Edwards
William George Graf
Thomas Aloysius McHugh
Joseph Lester O'Rourke
Hubert Denis Joseph Roy
Alma Caroline Schumacher
Grace Jean Taepke
Helen Bernadette Vollmer

(Assumption College)

Francis Joseph Costigan
William John Cunningham
John Joseph Firth
Joseph Michael Flannery
Jay Gordon Hall
Clifford Joseph Huckle
DeRay Louis Hunt
Michael Donald Jeannette
Charles James Malone
Lawrence Joseph Marentette
William Francis Mathoney
Joseph Stanley Mencel
John Wilbert Meyer
Homer Joseph Frederick Plante
James Harry Rapsey
Norman Joseph Ray
William Andrew Reid
Bernard George Sloan
Henry Thomas Weber
Vincent Jerome Westfall
Maurice Francis Whelan
Matthew Martin Young

(Waterloo College)

Wilfrid Winter Bean
Jean Isabel Brent
George Ryerson Casselman
Carl Henry Cooke
Audrey Elizabeth Froats
Friedrich Wilhelm Haak
Mabel Louise Hahn
Heinrich Ludwig Henkel
Alethea Margaret Johnston
Lynden Charlton Lawson
Norma Irene Maxwell
Carlinda Elizabeth Myers
Otto Friedrich Reble
Richard August Ernest Ruch
Herman George Scherbarth
Korene Schnarr
Ernst Heinrich Fritz Schroeder
Alice Marie Siemon
Elias Edwin Snider

BACHELOR OF SCIENCE IN NURSING

Dorothy Alexandra Hourd

CERTIFICATE OF INSTRUCTOR IN NURSING

Phyllis Celia Bluett
Ella Mae Harrison

CERTIFICATE OF PUBLIC HEALTH NURSE

Marion Margaret McKellar
Gladys Minchin Mercer
Mary Stewart Rutherford
Rena Mae Shipley
Elizabeth Helen Soutar
Esther Tamplin
Margaret Maitland Watson

October 26th

DOCTOR OF LAWS

Talbot Macbeth

DOCTOR OF MEDICINE

James Oliver Mattax

MASTER OF ARTS

(University College)

Charles Harold Abray
Walter Fry
Donald Wilson MacVicar
Jean Isobel Stewart

BACHELOR OF ARTS

(University College)

James Leslie Boyd
John Edward Deane
Willa Sylvia Fitzgerald
Ruby Walden Hamlyn
Doris Beatrice Kennedy
Marvin Robert Krause
Arthur Cyril Pigeon
Lillian Marcella Robinson
Gordon Proctor Sanders
Herman Henry Schmidt
Stanley Frederick Sharpe
George Bennett Snider
Arthur Berge Francis Vogelsang
John Campbell Webster
Leonard Martin Wood

(Assumption College)

Thomas William Barrett
Francis Thomas Fields
Ovila Joseph Lajeunesse
Frederick Wallace Savage

(Ursuline College)

Jerome Louis Arnold
Ferdinand Michael Weiler

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SUMMARY OF REGISTRATION IN FACULTY OF ARTS
1934-35

Year in Course	University College	Alma College	Assumption College	Huron College	Ursuline College	Waterloo College	Totals
Full Time:							
First	222	5	198	4	24	15	468
Second	162	....	36	7	25	20	250
Third	140	....	29	3	22	8	202
Fourth	154	....	22	7	23	19	225
Graduate	9	....	.....	1	2	2	14
Part Time:							
Graduate	21	....	6	....	1	3	31
Undergraduate	46	10	33	3	18	9	119
							1309
Extramural.....184	.....	....	.....	....	....	....	184
Summer School.....269	.....	....	.....	....	....	....	269
Extension.....133	.....	....	.....	....	....	....	133
TOTALS.....586	754	15	324	25	115	76	1895
Duplicates	.....	....	.....	....	....	....	239
Faculty of Arts							**1656**
Faculty of Medicine							**232**
Faculty of Public Health							**25**
University Total							**1913**

REGISTRATION IN FACULTY OF ARTS
1924-25—1934-35

Year	University College	Alma College	Assumption College	Huron College	Ursuline College	Waterloo College	Duplicates	Net Total
1924-25	526	..	32	22	59	..	55	584
1925-26	650	3	45	20	52	31	81	720
1926-27	676	..	44	16	65	33	54	780
1927-28	684	3	57	13	75	29	57	804
1928-29	787	4	66	20	87	19	71	912
1929-30	900	..	92	19	91	29	86	1045
1930-31	942	5	116	19	89	35	112	1094
1931-32	1128	..	101	23	111	54	141	1276
1932-33	1332	8	189	26	85	58	204	1494
1933-34	1299	6	231	26	78	97	227	1510
1934-35	1340	15	324	25	115	76	239	1656

SUBJECT (I. E.) DEPARTMENT	COURSE NO.	SEC.	[redacted]		W	T	F	S	REMARKS
Pers. Use. Shorthand			4	4	4				
" " "						3			
Pers. Use Typing				12		12			
				1		1			
						4			

Sec. Sc. Timetables - Room 138

Personal Use Shorthand - 2 Cred. - 4 hrs

SUBJECT (I. E.) DEPARTMENT	COURSE NO.	SEC.	M	T	W	T	F	S	REMARKS
	0 or 11								
English	10		10				10		Jr. Group
	11				10				
	19			9 ~	9 ~	9 ~	9		12th yr.
Lit. Sc.	10a			9 ~	9 ~	9 ~	9		
French	10		9		9		9		
Math.	10a			10		10		10	
	12b			10		10		10	
	28			12		12			
Physics	10		1-4	1-4 11		11			
Chem.	10		11 1-4	1-4	11				
Zool.	10				2		1-4	11	
Botany	10				1	1-4	11		

SUBJECT - (I. E.) DEPARTMENT	COURSE NO.	SEC.	M	T	W	T	F	S	REMARKS
English	19				11	or	11		Jr. Group
	20		9				9		
	21				9				
Lit. Sr.	10a				11	or	01		or 4 Hrd.
Math.	10, 12			10		10		10	
Biol. or Phy Sc	11			1	1-3	1			
Bus.	20		1				1		or 11 Hr. - 7.
Econ	20		10	10	10	10	10	10	either
Psych.	20			9		9		9	
Spanish	10			3		3		3	
French	20		11	11		11		11	

SUBJECT (I. E.) DEPARTMENT	COURSE NO.	SEC.	M	T	W	T	F	S	REMARKS
English	19		11	9	11	9 10	11	9 10	Jr. Group 3 & 4
	20		9 10 11				9 10 11		
	21				9 10 11				
Lit. Sc.	10		11	9	11 3,4	9	11	9	
Music.	10a, 17b			10		10		10	
Biol. & Phys. Sc.	11			1	1-3	1			
History	25		2				2		
French	10		9		9		9		
French	20		11	11		11		11	
Latin	20		10	10		10	10		
German & German	10 20		10	9 & 11	10	9 & 11	10	9 & 11 10	
Spanish	10		2 3		2 3		2 3		
Italian	10			9		9		9	

SUBJECT (I. E.) DEPARTMENT	COURSE NO.	SEC.	M	T	W	T	F	S	REMARKS
Eng.	19					10	or	10	J.W. Brough
	20		10				10		
	21				10				2nd. Yr.
Lit. & c.	10 or				3 or 4		or	10	
Math	20, #					9		9	
	22, 24		9		9		9		
Botany	10				1	1-4	11		
Chem.	10		1-4	1-4	11				
Physics	10		1-4	1-4		11			
Zool.	10				2		1-4	11	
P.J.	10 or 11								

Economics

Given First Term:

Economics 453b
458
450a
452b

Given Second Term:

Economics 463
488
468 (probably)