THE WESTERN UNIVERSITY
OF LONDON, ONTARIO

Arts Department Calendar

1917-1918

The

Western University

of London, Ont.

ARTS DEPARTMENT



Calendar

For the Year 1917-1918

Calendar

1917

Supplemental Examinations Begin	Sept. 25
Registration	Oct. 1
Meeting of Committee on Academic Standing	Oct. 1
Lectures in Arts Begin	Oct. 2
Last Day for Payment of Fall Term Fees	Oct. 15
Christmas Vacation Begins, 5 p.m.	Dec. 21

1918

Last Day for Submitting Outlines of M.A. Theses	Jan. 1
Christmas Vacation Closes	Jan. 2
Last Day for Payment of Spring Term Fees	Jan. 15
Ash Wednesday Holiday	Feb. 13
Easter Vacation	Mar. 29 to Apr. 3
Last Day for Submitting M.A. Theses	Apr. 2
Convocation	May 30

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GEORGIA MAUD NEWBURY, EMERSON COLLEGE OF ORATORY,
Instructor in Elocution and Public Speaking.

MARY MANLEY, B.A.,
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*On Leave (Active Service).

General Information

DEGREES

By its charter, Western University may confer degrees in Arts, Theology, Medicine, Science, Agriculture, Law and Education, 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:

I.—Honorary Degrees: Doctor of Divinity, Doctor of Science, Doctor of Laws.

II.—Degrees by Examination: Bachelor of Arts (B.A.), Master of Arts (M.A.), Doctor of Medicine (M.D.).

The degrees have their distinctive costumes as follows:—

Gowns.

For Bachelor's Degree—Cambridge shape with long pointed sleeves, of black worsted stuff, untrimmed, open or closed.

For Master's Degree—Cambridge shape with long closed sleeves, of black worsted stuff or silk, untrimmed, open or closed.

For Doctor's Degree — Cambridge shape with round open sleeves, of black worsted stuff or silk, open, with facing down the front of black velvet, with three bars of black velvet across each sleeve; or, with the facing and bars of the color of velvet that by convention pertains to the Faculty in which the degree has been obtained, viz.:

Arts	White
Medicine	Green
Science	Gold-Yellow
Laws	Purple
Theology	Scarlet

Hoods.

These shall be of the usual pattern, same material as the gown, black, length proportioned to the figure, maximum being three feet long for Bachelor's and four for Master's and Doctor's, the Doctor's having panels at the sides.

The edging or binding shall be of velvet of the color distinctive of the Faculty granting the degree, as above, under Gowns.

The lining of the hood shall be of silk of the official colors of the University, Purple and White, arranged thus: purple background with two chevrons of white.

Caps.

These shall be mortarboards, black, of serge or broadcloth, with black tassel. The Doctor's cap may be of velvet; the tassel on the Doctor's cap may be altogether or half of gold thread.

AWARDS OFFERED FOR THE YEAR 1916-1917

Medals

The Governor-General's Gold Medal for Fourth Year Honor English and History.

The U. A. Buchner Gold Medal for Fourth Year Honor Political Science.

The Typographical Union Gold Medal for English Composition, Second Year.

Scholarships

Scholarships of Seventy-five Dollars Each:—

Second Year Honor Modern Languages.
Second Year Honor Mathematics.
First Year Honor Modern Languages.
First Year Honor Mathematics.
First Year Honor English and History.
First Year Honor Biology.

Scholarships of Fifty Dollars Each:—

For General Proficiency in the General Course of the Third Year.

For General Proficiency in the General Course of the Second Year.

For General Proficiency in the General Course of the First Year.

The Alumnae Scholarship of Forty-five Dollars, available only for a female student—to be awarded by the Faculty according to merit, preference being given to a student of the Third Year.

Prizes of Ten Dollars Each

Fourth Year Constitutional History of England and Canada.

Third Year English.

Third Year History of Philosophy.

Second Year French.

Second Year German.

Second Year Latin.

Second Year Greek.

The W. W. Tamblyn Prize for Elocution and Public Speaking.

A corresponding number of Scholarships has been guaranteed for 1917-1918. It is possible that the number may be increased.

FEES

The following fees are payable to the Bursar, through the President:

For instruction, full course, per year	Forty-five Dollars
For each major subject (taken separately), per year	Eight "
For each minor subject (taken separately), per year	Five "
For Physical Training	Five "
For Admission Examination	Five "
For each May Examination after Matriculation	Five "
For May Examination in one subject	Two "
For May Examination in two subjects	Four "
For May Examination, due to failure to pass part or the whole of the January Examination	Two "
For Supplemental Examination in May, each subject	Two "
For Supplemental Examination in September	Five "
For Examination at a local centre	Ten "
For Examination at dates other than May and September	Ten "
For change of Faculty	Five "
For Admission "ad eundem statum"	Five "
For Certificate of Standing for admission "ad eundem" to other universities	Two "
For annual enrolment, extramural student only	Ten "
For annual enrolment in Arts, extramural medical student	Five "
For the Degree of B.A.	Ten "
For the Degree of M.A.	Twenty "

NOTE 1.—A supplemental examination is an examination set on work in which a student has failed in a preceding year. No supplemental examination will be given within three months of failure.

NOTE 2.—All fees for instruction are payable as follows: One-half by October 15th, and one-half by January 15th. Students must register and pay the fee for examination before presenting themselves for examination.

NOTE 3.—A major subject involves at least two hours' class work a week; a minor, one hour a week. English Composition, by exception, is a major subject.

General Regulations

ADMISSION

1. Candidates shall be admitted to the General Course in the Faculty of Arts who present certificates of full Departmental Junior Matriculation or its recognized equivalent, as in section 7 (a) below. A medical examination must be passed by all students.

2. Candidates presenting certificates of Departmental Junior Matriculation or their recognized equivalents, lacking not more than two subjects, may be admitted to the General Course, but must complete matriculation requirements before entering upon any work of the Third Year.

3. Candidates presenting certificates of Honor Junior Matriculation in one or more subjects or their recognized equivalents may be credited with First Year standing in the General Course in all subjects corresponding to their certificates except the laboratory courses in the sciences.

3 (a). Candidates for First Year Standing in the General Course may be credited with the laboratory work in any of the sciences upon recommendation of the professor concerned, provided (a) note books are submitted in which the practical work has been recorded, and in addition (b) a certificate from the Principal of the High School or Collegiate Institute, stating that the records submitted are the results of the student's own work, and that the work performed and described represents, in the case of each science, at least one hundred hours of laboratory instruction and practical work in the Upper School.

4. The subjects of Junior Matriculation are as follows: Latin, English, History, Mathematics, and any two of the following: Greek, French, German, Experimental Science.

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

5. The pass standard for admission is forty per cent. in each subject. The first-class honor standard is seventy-five per cent., the second-class honor standard sixty-six, and the third-class fifty per cent.

6. Candidates seeking admission on certificates other than those mentioned above must present official evidence of

their academic standing to the Registrar, after which their standing in this University shall be determined by the Committee on Academic Standing.

N.B.—Students are advised to mail their qualifying certificates to the Registrar at least two weeks before the date of registration. After the committee has determined the admission value of these certificates they will be returned to the candidates.

7. (a) Equivalents pro tanto of Junior Matriculation are:

Ontario	Entrance to Normal School.
Prince Edward Island	Second Class.
Nova Scotia	Grade XI.
New Brunswick	Second Class.
Quebec	Academy Grade III. University School AA. Model School Diploma (75%).
Manitoba	Second Class.
Alberta	Grade XI.
Saskatchewan	Grade VII.
British Columbia	Intermediate.
Newfoundland	Intermediate (50% required).

(b) Equivalents of Honor Junior Matriculation are:

Ontario	Entrance to Faculty of Education.
Prince Edward Island	First Class.
Nova Scotia	Grade XII.
New Brunswick	First Class.
Manitoba	First Class.
Saskatchewan	Grade VIII.
Alberta	Grade XII.
British Columbia	Senior Academic.
Newfoundland	Associate (75%; but allowance on Associate examinations will be given only in English, Latin, Greek and French).

SPECIAL STUDENTS.

8. Special Students who are not candidates for a degree may be admitted to classes in 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 the class. They will not be allowed to advance from year to year in a department without taking the regular examinations. Non-matriculated special students will not be admitted to more than four courses in the year.

9. Special Students may, at the beginning of any college year, on presenting qualifications for admission, be allowed to enroll as regular students and become candidates for degrees subject to the regulations governing such students. The work satisfactorily passed by them as special students will be put to their credit for the degree of B.A.

ADVANCED STANDING

10. All applications for admission "ad eundem statum" and "ad eundem gradum" must be accompanied by official certificates of standing from the institutions where previous work has been done. These applications shall be referred to the committee on Academic Standing.

EXTRAMURAL STUDENTS

11. For sufficient reasons, students may, on application to the Senate, be allowed to enter upon or pursue the work of the courses, and to present themselves for examination at the appointed time without attendance upon classes; but such extramural candidates for degrees must, before being enrolled, present certificates of Departmental Junior Matriculation in Arts, or equivalents as in section 7 above. Provision may be made by the Senate for examination of extramural students at a local centre, the cost of the examination to be defrayed by the candidates. Extramural students are subject to a special fee of ten dollars, to be paid annually at the time of registration. Extramural candidates for degrees must, if registered later than 1916, have attended upon lectures in this or another university for at least one year.

THE B.A. GENERAL COURSE

12. Candidates in the General Course in Arts shall be ranked in order of merit in each subject in the annual class lists in three grades, A, B, C; the minimum for grade A shall be seventy per cent. of the marks, and for grade B fifty-five per cent.; all who pass with less than fifty-five per cent., but

not less than forty per cent. (the minimum for pass,) shall be placed in grade C.

13. In all subjects of the General Course, except the Sciences, the ratio of term-work marks to examination marks will be as fifty to one hundred. To pass, a student must obtain forty per cent. on the whole of a subject, with thirty-three per cent. both in the term work and in the examination. In an Honor Course and in the Sciences the ratio of term-work marks to examination marks is determined by the teaching staff in that subject. Term work will not be credited to a student beyond the year in which it is taken, if he has to pass a supplemental examination; on that he must at any later time obtain forty per cent.

14. Students in the General Course who have not attended at least eighty per cent. of the lectures for the term in a subject may be debarred from taking the sessional examination on that subject.

15. Sessional examinations will be held for the General Arts course in January and in May. The student must obtain the required percentage, at least forty, both for the first and for the second term's work in each subject. Examinations will be held in May for those who have failed in the first term; in September for those who have failed in the second term's work or in the year's work in any subject. Students conditioned at the May examination will be expected to attempt to remove their conditions at the September examinations following.

16. Students failing to obtain twenty-five per cent. on the year's work in a subject shall not be eligible for re-examination without a further year's attendance on the lectures in the subject in which they have failed.

17. In subjects where each year's work depends directly upon that of a preceding year, no student who has failed may take up the work of the following year. The application of this rule shall rest with the Committee on Academic Standing.

18. A student who at the close of the September supplemental examination has not obtained standing in at least two-thirds of the subjects of the year shall not rank as a student of the succeeding year.

19. For sufficient reasons a student may, on application

to the Senate, be permitted to present himself for an examination in a subject without previous attendance upon classes.

20. When a candidate at an examination is starred in a subject which is one of two or more subjects between which an option exists at the said examination, the candidate at his supplemental examination may present himself in any one of such alternative subjects if he has complied with the condition laid down in section 19.

21. A student who has not been granted complete First Year standing may not enter upon any work of the Third Year; nor a student who has not been granted complete Second Year standing, upon any work of the Fourth Year.

THE B.A. HONOR COURSES

22. Honor courses shall extend over four years' registered attendance from date of admission to the First Year of such course, except in the case of those admitted under sections 27, 29 and 30.

23. Candidates presenting certificates of Departmental Honor Junior Matriculation or their equivalent in at least three subjects together with Junior Pass Matriculation in the remaining subjects shall be admitted to the Honor Courses of the First Year in any department in the subjects in which their certificates show that they have obtained at least second class honors (66%).

24. Candidates presenting certificates as in section 23 lacking one pass subject may be admitted to the Honor Courses but must complete Matriculation requirements before entering upon any work of the Third Year.

25. Students who have completed the First Year of the General Course with not more than one star, and who have obtained at least sixty per cent. of the aggregate marks in the work for that year, may enter upon the First Year of an Honor Course in any department in which they have obtained sixty-six per cent. of the aggregate marks in the work of that Department.

26. Students of the General Course who have completed the First Year as in Section 25 may enter the First Year of the Honor Courses in Mathematics and Physics if they have obtained said standard in Mathematics of the First and Second Years combined of the General Course.

27. Candidates who have obtained sixty per cent. of the aggregate marks in the work of the First Year General Course together with Analytical Geometry of the Second Year General Course will be admitted to the Honor Course in Political Science and may complete the course in three years.

28. Candidates presenting certificates of Departmental Junior Matriculation with Honors in all subjects or their recognized equivalents may be admitted to the Second Year in any Honor Course in which their certificates indicate First Class Honor standing, except in Mathematics and the Sciences.

29. Students of this University who have completed the First and Second Years of the General Course and who have obtained sixty per cent. of the aggregate of marks in each year may enter upon the Second Year of an Honor Course in any subject in which they obtained sixty-six per cent. of the marks in the First Year of the General Course and seventy-five per cent. of the marks in the Second Year, except the courses in Mathematics and the Sciences.

30. Candidates presenting Faculty Entrance certificates, Parts I. and II., with Honors (75%) in either part, may enter the Second Year of any Honor Course corresponding to their honor certificates, except in Mathematics and the Sciences.

31. In the application of sections 22-30 Normal Entrance certificates are pro tanto equivalent to pass Junior Matriculation certificates and Faculty Entrance certificates pro tanto equivalent to Honor Junior Matriculation certificates. See also section 7.

32. In the annual class lists the names of candidates who obtain honors in any department or subject shall be arranged in order of merit in three classes; those obtaining seventy-five per cent. and over of the total number of marks being placed in the first class; those obtaining sixty-six per cent. and less than seventy-five per cent. being placed in the second class; and those obtaining fifty per cent. and less than sixty-six per cent. being placed in the third class.

33. The regular examinations will be held for the Honor Courses in May.

34. A candidate pursuing an Honor Course who falls below the third class in his department shall not be allowed standing for the year.

35. A candidate who fails to obtain standing in his Honor Course may receive credit in the General Course on such conditions as the Senate may determine.

36. A candidate who competes for Honors at the examination for Bachelor of Arts, and fails to obtain the requisite number of marks to entitle him to be classed in Honors, may, on the recommendation of the examiners, be awarded a degree without Honors; it being at the option of the candidate to accept the award of such a degree, or to wait until a subsequent examination, and again compete for a degree in Honors.

37. An undergraduate who has obtained Honors in any department may, with the consent of the Senate, be transferred to any other department, and proceed therein; but as a prerequisite to obtaining the Degree of Bachelor of Arts, he must, during his course, have passed the examinations in the subjects of the General Course required in the Honor Department to which he is transferred.

THE M.A. COURSE

38. Candidates must be graduates in Arts of this or some other accredited university with not lower than Second Class Honors (66%) in the Third and Fourth Years of a full Honor Course, or must have attained to the standing in the General Course indicated in Section 39.

39. Graduates in Arts of this University who in the work of the last two years of the General Course obtained sixty per cent. of the aggregate possible marks, who did not fall below fifty-five per cent. in more than two subjects, and who obtained Grade A rank in at least nine subjects, of which six lie in the Arts Department, may be admitted as candidates for the Degree of Master of Arts.

40. 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 of Section 39.

41. Candidates may elect a course either (a) of more extensive study, or (b) of more intensive study.

42. All candidates must be in registered attendance in the Faculty of Arts at this University for one academic year, must take a prescribed course, pass an examination therein

and obtain at least Second Class Honors (66%) in it, if it lie in an Honor Department, or seventy-five per cent. if it lie in the General Course. The course may be taken in two academic years at the option of the candidate.

43. A candidate who passes the examinations of the Third and Fourth Years of the major subject or subjects of an Honor Course other than that in which he obtained Honors at graduation, and who obtains Second Class Honors (66%) therein and whose thesis is satisfactory, may be granted the Master's Degree under Section 38.

44. A candidate who at graduation obtained First Class Honors in each of the Third and Fourth Years of his Honor Course, whose thesis is satisfactory and who obtains First Class Honor standing in the examination on the prescribed course, may be granted the Degree of Master of Arts with Honors.

45. All candidates shall present a thesis embodying the result of their own investigation in some department of study approved by the Arts Faculty.

46. The subject of the thesis must lie in the Arts Department and in that part of the course in which the candidate obtained at least sixty-six per cent. if in an Honor Course or Grade A rank if in the General Course in each of the Third and Fourth Years of his course.

47. The candidates must register not later than October 15th and submit to the Arts Faculty, through the Registrar, an outline of the proposed thesis not later than January 1.

48. If the subject proposed and the outline submitted be adjudged satisfactory, the candidate shall be placed under the guidance of two of the professors in whose departments the subject of the thesis lies, who shall be responsible for conducting the examination and for reporting to the Faculty upon the character of the thesis and the result of the examination. The examination shall be given during the annual May examinations.

49. A type-written or printed copy of the completed thesis, bound in some permanent form, must be in the hands of the Registrar not later than April 1, and must be accompanied with the fee of Twenty Dollars, Ten Dollars of which will be returned to the candidate if unsuccessful.

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

Requirements for Degrees

THE B.A. GENERAL COURSE

FIRST YEAR.

*English 1a, 1b, 1c
Latin 1
Mathematics 1a, 1b
Public Health and Bacteriology

French 1a
German 1a
Greek 1
Hebrew 1a, 1b
Biology 1, 6
Chemistry 1
Physics 1b

} any **three** of

SECOND YEAR.

English 2a, 2b
Latin 2

History 1a, 1b and either Philosophy 1a or Philosophy 1b
Mathematics 2a, 2b, 2c
French 2a
German 2a
Greek 2
Hebrew 2a, 2b
Biology 2, 7
Chemistry 2
Physics 2b
Political Economy 1a, 1b

} any **four** of

THIRD YEAR.

English 3
History 3a, 3b, 3c
Philosophy 2a, 2b

*See description of Courses, pp. 38-69.

French 3a
German 3a
Greek 3 or 4
Hebrew 3 and either 3a or 4a
Latin 3 or 4 or 5
Biology 3 (in part), 8
Chemistry 3
Physics 3c or 4b
Political Economy 3a
} any **three** of

FOURTH YEAR.

English 4a
History 4a, 4b, 4c, 4d, 4e

French 4a
German 4a
Greek 4 or 3
Latin 3 or 4 or 5
Chemistry 4
Hebrew 4 and 4a or 3a
Geology 3a
History 4f
Philosophy 3a
Political Economy 3a
Biology 4, 9
} any **three** of

THEOLOGICAL OPTIONS

Theological students in affiliated colleges pursuing the General Course are allowed the following options:

SECOND YEAR—History 1a, 1b and Philosophy 1a must be taken as one of the options.

THIRD YEAR—Theism and Philosophy 1b must be taken for one of the options; Biblical Greek for Greek 3 or 4.

FOURTH YEAR—Biblical Greek for Greek 4 or 3; Church History and Biblical Literature for two of the optional subjects.

NOTE—Biblical Greek for Classical Greek in the third and fourth year involves a thorough knowledge of the Text and Introduction of two selected books of the New Testament

each year, exercises in Grammar and Composition and examinations midyear and final in each book. Not less than three hours a week during each session.

Church History—The option calls for a course of lectures with midyear and final examinations in the period of Early Church History (one hour a week) and either the earlier or later period of English Church History with examinations as above (not less than two hours a week during the session and essay work).

Theism calls for two hours a week throughout the session, with essays and examinations.

Biblical Literature calls for attendance at lectures two hours a week during two college sessions, with examinations.

REGULATIONS REGARDING HIGH SCHOOL ASSISTANTS' AND PUBLIC AND SEPARATE SCHOOL INSPECTORS' CERTIFICATES

1.—Academic Standing

(1) A candidate who in 1917 or thereafter begins a course for the academic standing of a High School Assistant or a Public or a Separate School Inspector in Ontario, may have his standing approved therefor by the Minister of Education, provided he holds a degree in Arts and submits a certificate from the Registrar that he has complied with the requirements of the agreement between the Department of Education and the Western University in regard to the courses and examinations prescribed.

(2) If in 1917 a candidate has already completed any of the years of the course for the academic standing of a High School Assistant, he may, with the Minister's approval, complete his course for said standing by taking the additional courses and examinations as prescribed in the Calendar of the University for 1916-17 and by passing the examination for a professional certificate not later than 1923.

2.—Matriculation

A candidate shall have matriculated under the regulations in force in 1917.

3.—Courses

(1) A candidate for a High School Assistant's certificate under the regulations prescribed herein may take either of the courses detailed below.

(2) A candidate for a Public or Separate School Inspector's certificate under the regulations prescribed herein shall take Course II., as prescribed below.

(3) The course of a candidate for either certificate shall extend over at least four years and he shall attend the University classes for at least two years, one of which shall be the regular session of the Fourth Year and the other year shall be one of the other regular sessions.

(4) Candidates presenting certificates of Faculty Entrance or of Honor Junior Matriculation in one or more subjects may be credited with First Year's standing in the subjects corresponding to their certificates except the laboratory courses in the Sciences.

4.—Percentages

(1) A candidate for the academic standing of a High School Assistant in either course I. or course II. shall obtain at least 40 per cent. in each subject and an average of 60 per cent. on the subjects of each year.

(2) A candidate for the academic standing of a Public or Separate School Inspector shall obtain at least 50 per cent. in each subject of Course II. and an average of 66 per cent. on the subjects of each year.

5.—Registrar's Certificates

The certificates submitted from the Registrar shall in all cases set forth the details and shall be subject to the Minister's approval.

THE WESTERN UNIVERSITY
COURSES FOR HIGH SCHOOL ASSISTANTS' ACADEMIC CERTIFICATES

Course I

FIRST YEAR.

	Hours
English 1a, 1b, 1c	4
Latin 1	3
Mathematics 1a, 1b	3
Public Health and Bacteriology	1
One of:	
French 1a, German 1a, Greek 1	4 or 3
One of:	
Biology 1, 6	4
Physics 1b	5

SECOND YEAR.

English 2a, 2b	3
Latin 2	3
Ancient History 1a, 1b	2
Political Economy 1a, 1b	2
One of:	
French 2a, German 2a, Greek 2	4 or 3
One of:	
Biology 2, 7	4
Physics 2b	5

THIRD YEAR.

	Hours
English 3	3
Latin 3 or 4 or 5	3
History 3a, 3b, 3c	2
One of:	
Chemistry 1	5
Geology 3a	4
One of:	
French 3a, German 3a, Greek 3 or 4	4 or 3

FOURTH YEAR.

English 4a (i.), 4a (ii.), 4b	4
Latin 3	3
History 4a, 4b, 4c, 4e, 4h	4
Philosophy 1b	1
One of:	
French 4a, German 4a, Greek 3 or 4	4 or 3

Course II

For High School Assistants' and Public and Separate School Inspectors' Academic Certificates.

FIRST YEAR.

	Hours
English 1a, 1b, 1c	4
Latin 1	3
Mathematics 1a, 1b	3
Public Health and Bacteriology	1
Biology 1, 6	4
Physics 1b	5
One of:	
French 1a, German 1a	4

SECOND YEAR.

English 2a, 2b	3
Ancient History 1a, 1b	2
Mathematics 2a, 2b, 2c	3
Biology 2, 7	4
Physics 2b	5
One of:	
French 2a, German 2a	4

THIRD YEAR.

English 3	3
History 3a, 3b, 3c	2
Political Economy 1a, 1b	2
Chemistry 1	5
Geology 3a	4
One of:	
Physics 4b	5
Biology 3 (in part), 8	5

FOURTH YEAR.	Hours
English 4a (i.), 4a (ii.), 4b	4
History 4a, 4b, 4c, 4e, 4h	4
Philosophy 1b	1
Two of:	
Geology 3b, 3c	3
Biology 5, 10, 13	5
Chemistry 2	5

THE B.A. HONOR COURSES

Department of Classics

Requirements for Admission for the Year 1917-1918

Junior Matriculation with at least Second Class Honor standing (66%) in each of the Latin and Greek of the Honor Course and pass standing in the remaining subjects of the Pass Junior Matriculation Course.

FIRST YEAR.

English 1a, 1b, 1c
Mathematics 1a, 1b
Biology 1, 6
French 1a, or German 1a, or Hebrew 1a, 1b
*Latin 1, 2
*Greek 7
*History 1a, 1b, 2

SECOND YEAR.

English 2a, 2b
Philosophy 2b (i.)
French 2a, or German 2a, or Hebrew 2a, 2b
*Latin 8
*Greek 8

THIRD YEAR.

English 3
History 3a, 3b, 3c
*Latin 9
*Greek 9

FOURTH YEAR.

*Latin 10
*Greek 10

*Honor subjects

Department of English and History

The major honor subjects in this course shall be English and History.

The minor honor subjects shall be chosen from the following languages: French, German, Greek, Hebrew, Latin.

A mark of sixty per cent. will be required in the Greek, Hebrew and Latin of this course for Third Class Honors.

Requirements for admission in 1917-18: Junior Matriculation with at least Second Class Honor standing (66%) in any two of English, French, German and Latin.

FIRST YEAR.

Mathematics 1a, 1b
Biology 1, 6, or Political Economy 1a, 1b, 2, or of French 1a, German 1a, Greek 1, Hebrew 1a, 1b, Latin 1 one of the languages not chosen as an honor option.
*English 1a, 1c, 1d
*History 1a, 1b, 2

*French 1b
*German 1b
*Greek 1
*Hebrew 1a, 1b, 2b (Translation from Books of Kings)
*Latin 1
} any two of

SECOND YEAR.

Mathematics 2a, 2b, 2c (any two)
Philosophy 1b
Chemistry 1, or Political Economy 3a, 3b, or of French 2a, German 2a, Greek 2, Hebrew 2a, 2b, Latin 2 the pass language elected in the first year
*English 2a, 2b, 2c
*History 3a, 3b, 3c, 3d

*French 2b
*German 2b
*Greek 2
*Hebrew 2a, 3a, remainder of 2b
*Latin 2
} any two of

THIRD YEAR.

History 4i.
Physics 1b, or Political Economy 4a, 4b, or Philosophy 2a, or of French 3a, German 3a, Greek 3, Hebrew 3 and either 3a or 4a, Latin 3 the pass language elected in the preceding years
*English 3, 4a
*History 4a, 4b, 4c

*French 3b
*German 3b
*Greek 5
*Hebrew 3, 4a
*Latin 6
} any **one** of

FOURTH YEAR.

History 4j or 4k
*English 4b, 4c, 4d, 4e
*History 4f, 4g, 4h

*French 4b
*German 4b
*Greek 6
*Hebrew 4a and 4b
*Latin 7
} any **one** of

Department of Mathematics

Requirements for Admission for the Year 1917-1918

Junior Matriculation with at least Second Class Honors (66%) in Mathematics, together with honor standing in one of the other honor subjects (in the case of sciences two subjects) of the Honor Course and Pass standing in the remaining subjects of the pass Junior Matriculation Course.

FIRST YEAR.

English 1a, 1c
Latin 1
French 1a
German 1a
} any **one** of
*Physics 1d
*Mathematics 1c, 1d, 1e, 1f, 1g, 1h

SECOND YEAR.

English 2a, 2b
French 2a or German 2a
Chemistry 1 or Biology 1, 6
*Physics 2a, 2d or 3d
*Mathematics 2d, 2e, 2f, 2g, 2h

THIRD YEAR.

English 3
Philosophy 2b or Philosophy 1b
Chemistry 1 or Biology 1, 6 (the one not previously chosen)
*Mathematics, either Group 3 or Group 4
*Physics 3a or 4a, 3c, 2d or 3d

FOURTH YEAR.

Geology 3a
History 4a, 4b, 4c
Political Economy 1a, 1b or History 4e
*Mathematics, either Group 4 or Group 3
*Physics 4a or 3a, 4c, 4d

Department of Modern Languages

I.—MODERN LANGUAGES AND HISTORY

Requirements for Admission for the Year 1917-1918

Junior Matriculation with at least Second Class Honor standing (66%) in each of French and German of the Honor Course and pass standing in the remaining subjects of the Pass Junior Matriculation Course.

FIRST YEAR.

Latin 1
Mathematics 1a, 1b
*English 1a, 1c, 1d
*French 1b
*German 1b
*Italian 1

SECOND YEAR

Latin 2
History 3a, 3b, 3c
Mathematics 2b
*English 2a, 2b, 2c
*French 2b
*German 2b
*Italian 2

THIRD YEAR.

Latin 3 or 4 or 5
Philosophy 2b
History 4a, 4b, 4c
*English 3, 4a
*French 3b, 3c
*German 3b

FOURTH YEAR.

History 4j
*English 4b, 4c, 4d, 4e
*French 4b, 4c
*German 4b, 4c

II.—FRENCH AND GERMAN.

Requirements for Admission for the Year 1917-1918.

Junior Matriculation with at least Second Class Honor standing (66%) in each of French and German of the Honor Course and pass standing in the remaining subjects of the Pass Junior Matriculation Course.

FIRST YEAR.

Latin 1
Mathematics 1a, 1b
*English 1a, 1c, 1d
*French 1b
*German 1b
*Italian 1

SECOND YEAR.

English 2a, 2b
Latin 2
History 4a, 4b, 4c
*French 2b
*German 2b
*Italian 2

THIRD YEAR.

Latin 3 or 4 or 5
History 4a, 4b, 4c
Philosophy 2b
*French 3b, 3c
*German 3b
*Italian 3

FOURTH YEAR.

*French 4b, 4c
*German 4b, 4c
*Italian 4

Department of Physics

Requirements for Admission for the Year 1917-1918.

Junior Matriculation with at least Second Class Honor standing (66%) in Mathematics, together with honor standing in one of the other honor subjects (in the case of the sciences, two subjects) of the Honor Course and pass standing in the remaining subjects of the Pass Junior Matriculation Course.

FIRST YEAR.

English 1a, 1c
Latin 1
German 1a
Chemistry 1
*Physics 1d
*Mathematics 1c, 1d, 1e, 1f, 1g, 1h

SECOND YEAR.

English 2a, 2b
French 1a
German 2a (authors only)
Chemistry 2
*Physics 2a, 2d
*Mathematics 2d, 2e, 2f, 2g, 2h

THIRD YEAR.

English 3
German 5
Biology 1, 6
*Physics 3a, 3b, 3c, 3d or 2d, 4a, 4b
*Mathematics 3b, 3c, 3f or 4c, 4g, 4h, 4i, 4j

FOURTH YEAR.

French 5
History 4a, 4b, 4c
Geology 3a
Political Economy 1a, 1b or History 4e
*Physics 2d, 4a, 4b or 3a, 3b, 3c, 3d
*Mathematics 4c, 4g, 4h, 4i, 4j, or 3b, 3c, 3f

Department of Political Science

FIRST YEAR.

See Section 27

SECOND YEAR.

English 2a, 2b
Latin 2
Philosophy 1b
French 2a
German 2a
Greek 2
Hebrew 2a, 2b
Chemistry 2
} any **one** of
*Political Economy 1a, 1b, 2

THIRD YEAR.

English 3
Philosophy 2b

French 3a
German 3a
Greek 4 or 3
Hebrew 3 and 3a or 4a
} any one of

*Political Economy 3a, 3b, 3c
*History 3a, 3b, 3c, 3d, 4d, 4e
*Law 1a, 1b

FOURTH YEAR.

English 4a
History 4f

French 4a
German 4a
Greek 4 or 3
Hebrew 4 and 4a or 3a
} any one of

*Political Economy 4a, 4b, 4c, 4d, 4e
*History 4a, 4b, 4c
*Government 1a, 1b
*Law 2a, 2b

Department of Biology

Requirements for Admission for the Year 1917-1918.

Junior Matriculation with the Science Option and Honors in three subjects or the recognized equivalent (see Section 7a, 7b).

FIRST YEAR.

Latin 1
English 1a, 1c
German 1a
Mathematics 1a, 2c
*Biology 2, 7
*Chemistry 1a
*Physics 1b, 1c

SECOND YEAR.

English 2a, 2b
German 2a (authors only)
French 1a
*Biology 3
Chemistry 2a
Physics 2b, 2c

THIRD YEAR.

English 3
German 5
French 5
*Biology 4, 9, 10, 13
*Geology 3a
*Physics 3b, 3c
*Pharmacology 1 (See Calendar, Department of Medicine, page 28.)

FOURTH YEAR.

French 6
German 6
History 4a, 4b, 4c
*Biology 5, 11, 12, 13
*Geology 3b, 3c
*Physiology 1, 2, 3 (Calendar, Department of Medicine, page 29)
*Anatomy 5, 6 (Calendar, Department of Medicine, page 22)

The B.A., M.D. Course

Requirements for Admission.

Certificate of complete Junior (Pass) Matriculation with Science Option and Honors in any three subjects of the Honor examination, as issued by the Department of Education of the Province of Ontario; or its recognized equivalent, see Section 7, page 16.

Certificate of having passed the Jnuior (Honor) Matriculation examination or the examination for Entrance to Faculty of Education in any of the following subjects: Latin, English, Mathematics, French or German, shall be accepted for the first year work in these subjects (in the case of Mathe-

matics for that of the first and second years), and such allowance may be made for similar certificates in Physics, Biology and Chemistry as the heads of these departments may decide. See section 3 (a), page 15.

FIRST YEAR.

English 1a, 1c, page 45
German 1a, page 60
Latin 1, page 41
Mathematics 1a, 2c, pages 54-55
Biology 2, 7, page 38
Chemistry 1a, page 40
Physics 1b, 1c, page 63

SECOND YEAR.

English 2a, 2b, page 46
French 1a, page 59
German 2a (authors only), page 60
Mathematics 2a, 2b, page 55
Biology 3, page 38
Chemistry 2a, page 40
Physics 2b, 2c, page 64

THIRD YEAR.

English 3, page 46
Political Economy, 1a, 1b, page 66
Psychology, Special
Anatomy 1, 2, 5, 6 (Medical Calendar, page 22)
Biology 4, page 38
Microbiology (Medical Calendar, page 23)
Pharmacology 1 (Medical Calendar, page 28)
Physiology 1 (Medical Calendar, page 29)

FOURTH YEAR.

French 5, page 60
History 4a, 4b, 4c, pages 51-52
German 5, page 61
Anatomy 2, 3, 4, 7, 8 (Medical Calendar, page 22)
Biology 12, page 39
Pharmacology 2 (Medical Calendar, page 28)
Physiology 2, 3 (Medical Calendar, page 29).

REGULATIONS

1. Conditions in any of the subjects of the B.A., M.D. Course may not be carried in any year past the September supplemental examination of that year.

2. The examination and pass standards in the several subjects of this Course shall be those of the faculties concerned.

N.B.—The pass standard in the Faculty of Medicine is fifty per cent. in each subject and sixty per cent. on the total work for the year. Candidates obtaining eighty-five per cent. or more in the Science subjects shall have standing of First Class Honors in those subjects. Those obtaining seventy per cent. but less than eighty-five in those subjects shall have standing of Second Class Honors.

3. On satisfactory completion of the Fourth Year of this Course, the Degree of B.A. may be conferred in the General Course, or with Honors according to the standing of the student in the Science subjects of the Course. Thereafter the student may enter on the work of the Third Year of the Medical curriculum.

Description of Courses

Department of Biology

1. Introductory Zoology: A lecture and laboratory course of fifty hours dealing with selected animal types and the general principles of Zoology. Text-book: *College Zoology*. Pre-requisite: Junior Matriculation.

2. Elementary Zoology: A lecture and laboratory course of seventy-five hours of a more advanced character than that outlined in 1. Text-book: Parker and Haswell, *Text-book of Zoology;* Parker and Parker, *Elementary Practical Zoology*. Pre-requisites: Full entrance requirements for the Honor Course in Biology or for the B. A., M. D. Course, or Biology 1 and 6.

3. Vertebrate Zoology: A lecture and laboratory course of one hundred and twenty-five hours dealing with the structure and evolution of the Vertebrates. Text-books: Kingsley, *Comparative Anatomy;* Parker, *Zootomy;* Bensley, *Anatomy of the Rabbit*. For reference: Wiedersheim, *Comparative Anatomy;* Wilder, *History of the Human Body*. Pre-requisite: Biology 2.

4. Invertebrate Zoology: A lecture and laboratory course of seventy-five hours dealing with selected invertebrate types. Text-books: Parker and Haswell, *Text-book of Zoology, Vol.* 1, Petrunkevitch, *Morphology of Invertebrate Types*. Pre-requisite: Biology 3.

5. Canadian Zoology: A course dealing with the classification, oecology and economic importance of Canadian animals. Pre-requisite: Biology 4.

6. Introductory Botany: A lecture and laboratory course of fifty hours dealing with selected plant types and the general principles of Botany. Text-book: Bergen and Caldwell, *Introduction to Botany*. Pre-requisite: Junior Matriculation.

7. Elementary Botany: A lecture and laboratory course of seventy-five hours of a more advanced character than that outlined in 6. Text-books: Bergen and Davis,

Principles of Botany; Strasburger, *Text-book of Botany.* Pre-requisites: Full entrance requirements for Honor Course in Biology or for the B. A., M. D. Course, or Biology 1 and 6.

8. Phanerogamic Botany: A lecture and laboratory course of seventy-five hours on the flowering plants. Text-book: Strasburger, *Text-book of Botany;* Coulter, Barnes and Cowles, *Text-book of Botany.* Pre-requisite: Biology 7.

9. Cryptogamic Botany: A lecture and laboratory course of seventy-five hours dealing with selected cryptogam types. This course will include work in Plant Pathology. Text-books: Coulter, Barnes and Cowles, *Text-book of Botany;* Strasburger, *Text-book of Botany,* Duggar, *Plant Diseases.* Pre-requisite: Biology 8.

10. Canadian Botany: A course dealing with the classification, oecology and economic importance of Canadian plants. Pre-requisites: Biology 8 (Biology 9 must be completed as soon as Biology 10).

11. Plant Physiology: A lecture and laboratory course of seventy-five hours dealing with the physiology of plants. Text-book: Green, *Vegetable Physiology.* For reference: Jost, *Plant Physiology;* Pfeffer, *Physiology of Plants;* Macdougal, *Text-book of Plant Physiology.* Pre-requisites: Biology 9 and 10.

12. History and Theory of Biology: A course of fifty lectures on the history and problems of Biology. Pre-requisites: Biology 4 and 9.

13. Collections of Canadian Plants and Animals: Collections will be required from all students entering the Third and Fourth Years of the Course in Honor Biology. Particulars may be obtained on application to this Department.

Department of Chemistry

1. Inorganic Chemistry—A course of lectures, demonstrations and practical work in general chemistry, including a detailed study of the more common elements, their source, method of preparation; properties, uses and compounds; also the laws of chemistry, chemical equations and chemical mathematics. The practical work consists of experiments covering the principles discussed and demonstrated in the lectures. Two lectures, two laboratory hours a week.

Text—*A course in General Chemistry* by Macpherson and Henderson.

1a. Same as 1, except—Three lectures and two laboratory periods weekly for the first term only.

2. Qualitative and quantitative analysis—Available only to students who have completed satisfactory work in the First Year Chemistry or its equivalent.

A laboratory course covering qualitative and quantitative analysis. Lectures bearing upon laboratory technique and new methods of analysis given as required.

The work will be to a large extent individual in character, each student being required to work out a definite number of unknown compounds during the session (125 hours).

Text—Prescott and Johnson, *Qualitative Chemical Analysis*.

2a. Organic Chemistry with qualitative and quantitative analysis. Organic Chemistry—A course of lectures and demonstrations on the fatty and aromatic hydrocarbons and their derivatives, the carbohydrates, proteins and alkaloids. Laboratory work consists of preparation, identification and estimation of some of the simpler organic compounds, organic acids, alkaloids, etc. 50 hours lectures, 60 hours laboratory.

Also a laboratory course covering qualitative and quantitative analysis. Lectures bearing upon laboratory technique and new methods of analysis given as required.

This work will be to a large extent individual in character, each student being required to work out a definite number of unknown compounds during the session. 15 hours lectures—90 hours laboratory.

This course requires 13 hours weekly during second term only.

Texts—Remsen's *Organic Chemistry*, Prescott and Johnson's *Qualitative Chemical Analysis*.

3. Organic Chemistry—Available only to students who have completed satisfactory work in First and Second Year Chemistry.

A course of lectures and demonstrations on the fatty and aromatic hydrocarbons and their derivatives, the carbohydrates, proteins and alkaloids. Laboratory work consists of preparation, identification and estimation of some of the

simpler organic compounds, organic acids, alkaloids, etc. 50 hours lectures, 60 hours laboratory.

Text—Remsen's *Organic Chemistry*.

4. Available only to students who have completed satisfactory work in First, Second and Third Year Chemistry. A review of quantitative analysis, both volumetric and gravimetric. Laboratory work will include chemical analysis of water, sewerage, air, milk and milk products, food, etc. 100 hours laboratory.

In all of these courses, except No. 2a, a laboratory fee of $2.00 is required which is not returnable. Laboratory fee for No. 2a is $3.00. For each course a laboratory deposit of $5.00 must also be made which is returnable at the end of the session minus any deduction for breakage.

Department of Classics

Latin.

1. Cicero, *Pro Lege Manilia* and *Selected Letters* (Greenough's edition of Cicero's *Orations and Letters*, Ginn & Co., New York); Vergil, *Aeneid* 4 (Macmillan Elementary Classics); Horace, *Odes* 1 (Macmillan Elementary Classics); Grammar (Bennett's *Latin Grammar*, Allyn & Bacon, Boston, or Allen and Greenough's *Latin Grammar*, Ginn & Co., New York); Composition (Mitchell's *Latin Writing*, American Book Co., New York); Sight Translation. (Fox) 3 hours a week.

Pre-requisite: Junior Matriculation Latin.

2. Livy, *Selections from* (edited by Burton, American Book Co., New York); Vergil, *Aeneid* 6 (Macmillan Elementary Classics); Horace, *Odes*, 2, 3, 4 (Macmillan Elementary Classics); Grammar (Allen and Greenough, Ginn & Co., New York); Composition (Mitchell, *Writing of Narrative Latin*, American Book Co., New York); Sight Translation. (Fox) 3 hours a week.

Pre-requisite: Latin 1 or Honor Matriculation or Faculty Entrance Latin.

3. Latin Literature of the Early Empire (*Selections*, edited by Brown, Clarendon Press); Composition (Allen's *Second Latin Exercise Book*, Oxford Press); Sight Translation;

Lectures on the History of the Literature of the Empire. (Neville) 3 hours a week

Pre-requisite: Latin 2.

4. Plautus, *Captivi* (edited Elmer, Allyn and Bacon, Boston); Terence, *Andria* (edited Sturtevant, American Book Company, New York); Catullus (edited Simpson, Macmillan Co.); Cicero, *De Amicitia* and *De Senectute* (edited Bennett, Sanborn & Co., Boston); Composition (Allen's *Second Latin Exercise Book*, Oxford Press); Sight Translation; Lectures on the History of the Literature of the Republic (Neville).

Pre-requisite: Latin 2. 3 hours a week.

5. Cicero, *Letters* (Riess, Macmillan Co., New York); Pliny, *Letters* (Allen, Oxford Press); Tacitus, *Annals*, *Bk.* 1 (Furneaux, Clarendon Press); Livy, *Selections from Bks.* 21, 22; Vergil, *Selections from Bucolics*, *Georgics* and *Aeneid*, 7-12; Composition (Allen's *Second Latin Exercise Book*, Oxford Press); Sight Translation; Lectures on the Literature of the Ciceronian and Augustan Periods. (Neville)

Pre-requisite: Latin 2. 3 hours a week.

Note—Latin 3, 4, 5 will be given in rotation; Latin 3 in 1917-18.

6. Plautus and Terence, two plays from each; the *Satires* of Horace and Juvenal; history of the Republic to the time of Sulla (Mommsen; Beesly, *Gracchi, Marius and Sulla*; Botsford, *Roman Assemblies*; Heitland, *Republic*; Frank, *Roman Imperialism*; etc.); History of the Literature of the Republic.

Pre-requisite: Latin 2. 3 hours a week.

7. Caesar, *Civil War* and parts of the *Gallic War;* Cornelius Nepos; Sallust, *Catilina;* Cicero, *In Catilinam;* Tacitus, *Annals* 1, 2; Suetonius, *Augustus;* detail history of the last years of the Republic and of the Empire down to 220 A.D.; history of the literature of the Empire.

Pre-requisite: Latin 6. 3 hours a week.

8. Selections from the Elegiac poets (Harrington); Horace, *Epistles;* Cicero, *Letters;* Catullus, *Selected Poems* (Simpson); Cicero, *De Amicitia, De Senectute;* Pliny, *Letters* (Allen).

Grammar, Sight Translation, Prose, History in detail to 272 B.C. (Ihne, *Early Rome;* Mommsen; etc.); Roman Literature (Mackail, Duff, Sellar). 4 hours a week.

9. Satire (Horace, Juvenal, Persius) and Comedy (all of Terence and six plays of Plautus).

Grammar, Sight Translation, Prose; History in detail 272 B.C. to 14 A.D.; Roman Literature; Epigraphy (Egbert); Private Life of the Romans (Inge, Johnston, Becker, Fowler, Dill); Philology (Giles or Edmonds; Lindsay).

Pre-requisite: Latin 8. 5 hours a week.

10. Vergil, selections from *Bucolics, Georgics* and *Aeneid* 7-12; Sallust; Livy, 1, 21, 22: Tacitus, *Annals* 1-6; Suetonius *Augustus, Tiberius;* Cicero, *De Officiis, Tusculans* 1; Lucretius, 3, 5.

Grammar, Sight Translation, Prose; History in detail 14 A.D. to 476 A.D. (Bury, Capes, Gibbon, Ferrero, etc.); Roman Literature; Roman Public Life (Abbott, Greenidge, Taylor, Granrud).

Pre-requisite: Latin 9. 7 hours a week.

Greek.

1. Goodwin's *Greek Reader* (Ginn and Co., New York); Goodwin's *Greek Grammar* (Ginn and Co., New York); Composition (Bonner's *Greek Composition*, Scott, Foresman & Co., Chicago); Sight Translation. (Fox) 3 hours a week.

Pre-requisite: Junior Matriculation Greek.

2. Plato, *Apology;* Thucydides, *Book* 4; Herodotus, *Selections;* Grammar (Goodwin); Composition (Sidgwick's *Greek Prose Composition*, Ginn and Co.); Sight Translation. (Fox) 3 hours a week.

Pre-requisite: Greek 1 or Honor Matriculation or Faculty Entrance.

3. Euripides, *Medea;* Sophocles, *Antigone;* Aeschylus, *Prometheus Vinctus;* Grammar; Composition (Sidgwick); Sight Translation; Lectures on the theatre and the development of the drama. (Fox) 3 hours a week.

Pre-requisite: Greek 2.

4. Sophocles, *Ajax;* Euripides, *Iphigenia in Tauris;*

Aristophanes, *Clouds*; Demosthenes, *De Corona*; Grammar; Composition (Sidgwick); Sight Translation; Lectures on the social, religious and political life of Athens in the age of Pericles. (Fox) 3 hours a week.

Pre-requisite: Greek 2.

5. Thucydides, 1, 2; Plato, *Republic* 1-4.

Special study of the period of the Athenian Empire (Grote, Holm, Grant, Greenidge). Development of the literature of Athens with special reference to poetry.

Pre-requisite: Greek 2. 3 hours a week.

6. Demosthenes, *De Corona*; Thucydides, *Book* 3 and *the Sicilian Expedition*; Aeschines; Lysias; special study of the history of the Hellenistic Period (Holm, Wheeler, Ferguson); the literary history of Athens with special reference to prose. 3 hours a week.

Pre-requisite: Greek 5.

7. Euripides, *Iphigenia in Tauris*; Plato, *Apology* and *Crito*; Homer, *Iliad* 1, 6; Grammar, Sight Translation; Prose (Sidgwick). 3 hours a week.

Pre-requisite: Greek 1 (66%) or Honor Matriculation (II. Class) or Faculty Entrance.

8. Euripides, *Medea;* Aeschylus, *Prometheus Vinctus;* Thucydides, 1; Herodotus, 7, 8; Homer, *Iliad* 9 18, 22; Grammar, Sight Translation, Prose (Sidgwick); Literature (Murray, Jebb, Wright); History to 431 B.C. (Holm, Grant, Greenidge). 4 hours a week.

Pre-requisite: Greek 7.

9. Euripides, *Alcestis;* Sophocles, *Oedipus Rex, Antigone;* Plato, *Republic* 1-5; Thucydides, 2; Homer, *Odyssey,* 1-12; Aristophanes, *Clouds*; Grammar, Sight Translation; Prose (Sidgwick); detail of history to 323 B.C. (Holm, Wheeler Grote); Philology (Giles); Private Life of the Greeks (Gulick, Gardner and Jevons, Guhl and Koner). 5 hours a week.

Pre-requisite: Greek 8.

10. Aeschylus, *Agamemnon*; Sophocles, *Oedipus Coloneus*; Plato, *Phaedo, Republic* 6-10; Thucydides 3, 4; Demos-

thenes, *De Corona;* Lysias; Aeschines; Grammar, Sight Translation, Prose; detail of the history to 31 B.C. (Holm); Monuments and Topography of Greece (Harrison and Verrall, Weller). 7 hours a week.

Pre-requisite: Greek 9.

Department of English

1a. Ben Jonson, *To the Memory of Shakespeare;* Milton, *L'Allegro, Il Penseroso, Epitaph on Shakespeare;* Dryden *Absalom and Achitophel;* Gray, *The Bard;* Burns, *Tam O'Shanter, Address to the Deil;* Crabbe, *The Village, I* and *II., Peter Grimes;* Wordsworth, *Tintern Abbey;* Coleridge, *Christabel, Kubla Khan, To a Gentleman;* Byron, *The Vision of Judgement;* Scott, *The Antiquary,* Keats, *Eve of St. Agnes*; Thackeray, *Henry Esmond*; Tennyson, *In Memoriam*: *Proem*, 1, 27, 31, 32, 53, 56, 76, 95, 105, 129; Browning, *Fra Lippo Lippi, Caliban*; Arnold, *The Scholar Gipsy.* The Selections from Cowper, Carlyle, Thackeray and Stevenson in *Selected English Essays* (Oxford University Press).

Note—The poetical selections are to be found in *The English Parnassus* (Clarendon Press). 2 hours a week.

1b. Literary Interpretation—This course includes (1) A study of selections from orators, essayists, dramatists and poets, illustrative of the principles of oral interpretation; (2) Lectures following the sixteen progressive and graded steps through which the student may advance to understanding of the teacher's criteria; (3) Instruction in the science of sounds in language and an analytic study of English pronunciation and enunciation. 1 hour a week.

1c. Composition—The writing of at least four original compositions. Fortnightly themes in class. Provision will be made by a special paper in English Composition for the examination of candidates who are not in attendance, and who have not presented the essays required. L. W. Smith's "The Mechanism of English Style" (Macmillan) is prescribed. 1 hour a week.

1d. The critical study of Tennyson's *In Memoriam*, and of the selections from Lamb to Stevenson in *Selected English Essays* (Oxford University Press). 1 hour a week.

2a. Shakespeare, *Romeo and Juliet, Henry IV.*, parts I and II.; *Twelfth Night, Hamlet*; the selections from Bacon, Swift, Addison and Johnson in *Selected English Essays* (Oxford University Press). 2 hours a week.

2b Composition—The writing of at least four original compositions. Fortnightly themes in class. 1 hour a week

2c Bright's *Anglo-Saxon Reader* (Selections II., III., VI., XII., XV., XVI., XX., XXI., XXIII).

Outlines of the History of the English language (Emerson). 1 hour a week.

3 An outline of 19th century literature, with a special study of the following texts: Wordsworth, *Michael, "My heart leaps up," Lines composed above Tintern Abbey, Resolution and Independence, To My Sister, Expostulation and Reply, The Tables Turned, "She dwelt, etc ," "Three years she grew, "A slumber, etc ," At the Grave of Burns, The Solitary Reaper, Stepping Westward, Intimations of Immortality, To the Cuckoo, "She was a phantom of delight," "I wandered lonely as a cloud," Ode to Duty, To a Skylark,("Ethereal minstrel"), Elegiac Stanzas, French Revolution, Laodamia, September* 1819, *Extempore Effusion, Yarrow Unvisited, "It is a beauteous evening," To Toussaint, Written in London, September*, 1802, *London* 1802, *"It is not to be thought of," "The world is too much with us," "Nuns fret not," Personal Talk, "The unremitting voice of nightly streams;"* Coleridge, *The Ancient Mariner, The Lime-tree Bower, Frost at Midnight, Love, Dejection, Youth and Age;* Scott, *Marmion* (except the introductions), *The Violet, The Maid of Neidpath, Eve of St John, "Soldier, rest, thy warfare o'er," Coronach ("He is gone on the mountains"), Brignall Banks, Jock of Hazeldean, Pibroch of Donald Dhu, "The sun upon the Weirdlaw Hill," Proud Maisie, County Guy;* Byron, *Sennacherib, "She walks in beauty," Childe Harold, Canto III ; Don Juan: Dedication, Canto I , stanzas* 212-218; *II , stanzas* 49-53; *III , stanzas* 86-111; *XI., stanzas* 53-75; Shelley, *Adonais, Lines written among the Euganean Hills, Stanzas written in Dejection, Ode to the West Wind, An Indian Serenade, Arethusa, The Sensitive Plant, The Cloud, To a Skylark, The Question, To Night, "The world's great age," "One word is too often profaned," "When the lamp is shattered," Ozymandias,*

Epipsychidion; Keats, *Sleep and Poetry, From Endymion I., The Human Seasons, Fancy, The Eve of St. Mark, "Bards of passion and of mirth," On a Grecian Urn, To a Nightingale, In a Drear-Nighted December, To Autumn, Chapman's Homer, La Belle Dame sans Merci;* Robert Browning, *Pippa Passes, Cavalier Tunes, How they brought the good news, The Lost Leader, The Bishop Orders his Tomb, Time's Revenges, Love among the Ruins, Two in the Campagna, Saul, Memorabilia, Popularity, Love in a Life, Life in a Love, Childe Roland, A Grammarian's Funeral, Rabbi Ben Ezra, Abt Vogler, Confessions, Prospice, Development;* Matthew Arnold, *The Strayed Reveller, Morality, Philomela, The Scholar Gipsy, Thyrsis, Dover Beach*; D. G. Rossetti, *My Sister's Sleep, The Blessed Damozel, The Portrait, Sister Helen, Insomnia,* the following sonnets—*On a refusal of Aid between Nations, Silent Noon, Lost Days, "Retro me, Sathana."* (All the selections named in this paragraph are contained in a single volume, *"British Poets of the Nineteenth Century,"* Sanborn, N.Y.)

(1) *Selected English Essays* (Oxford University Press): the essays of Lamb; Hazlitt, *On Familiar Style;* Hunt, *Thoughts on Sleep;* (2) Bagehot, essays on Shelley, Shakespeare, Sterne and Thackeray, Wordsworth, Tennyson and Browning; Thackeray, *The Newcomes.* 3 hours a week.

Essays connected with the above course will be required during the session.

4a (i.). English Poetical Literature since Tennyson.

Texts: *The Oxford Book of Victorian Verse,* Nos. 100, 101, 170, 175, 178, 193-198, 205-210, 214, 221, 230, 241, 244, 252, 254, 270, 274-5, 277, 282, 285, 290, 294, 304, 322, 329, 341, 346, 357, 390-1, 399-401, 422, 424, 426, 428, 433-4, 448, 455, 481, 493-4, 499, 503, 508, 516, 526, 531, 544-9, 558, 583-4, 598, 601-2, 616, 619, 625, 639, 643,-5 662-3, 666, 670, 674-9, 683, 689, 700, 702, 706-7, 709, 719-720, 723, 726-7, 730, 738-9, 742-3, 745-7, 751, 753-765, 770, 771, 776-9; *Georgian Poetry,* 1911-1912, pp. 3-72, 87-89, 106-110, 119-127, 193; some further selections from *Georgian Poetry,* 1913-1915, and *Poems of To-day: An Anthology* (McClelland, Goodchild and Stewart); G. K. Chesterton, *The Victorian Age in Literature.*

(ii.). English Prose Literature since Ruskin.

Texts: R. L. Stevenson, *Talk and Talkers, Virginibus Puerisque, Aes Triplex, Lantern-bearers, Pulvis et Umbra;* G. B. Shaw, *Fanny's First Play;* J. Burroughs, ed. C. Johnson, *In the Catskills;* A. C. Bradley, *Poetry for Poetry's Sake;* G. L. Dickinson, *Greek Tragedy;* H. G. Wells, *Marriage.*

(iii.). A short study of the period culminating in Chaucer.

Texts: Translations of Geoffrey of Monmouth (*I.-III., IX–X.*) and Gottfried von Strassburg's *Tristan and Iseult;* Readings in Dante (Temple Edition), *Piers Plowman,* Maundeville's *Travels* and Gummere's *Ballads, Perle, Gawain and the Green Knight.*

Chaucer's *Balades, Former Age, Book of the Duchesse, Parlement of Foules, Troilus and Criseyde I., IV., V.,* Prologue to *Legend of Good Women, Canterbury Tales* (Prologue, framework, tales of the knight, prioress, *Sir Thopas,* the nonne preest, pardoner).

Good modernizations of some of the Middle English writers will be used where available. Reference will be made also to such writers as Wycliff, Gower, the Pastons, Petrarch, etc.

Works on the period: Saintsbury's *Periods of European Literature, Vols.* 1, 2 *and* 3, *Cambridge History of English Literature, Vols.* 1 *and* 2, Snell's *Age of Chaucer* and *Age of Transition* (Bell). 3 hours a week.

Essays connected with the above course will be required during the session.

4b. For critical study: Shakespeare: *Midsummer Nights' Dream, King John, King Lear* and *Coriolanus.* For careful reading: *Creation and Fall of Lucifer, Noah's Flood, Sacrifice of Isaac, Secunda Pastorum, Castell of Perseverance, Thersytes,* (Pollard's *Miracle Plays*); *Ralph Roister Doister;* Lyly, *Campaspe;* Green, *Friar Bacon;* Marlowe, *Tamburlaine, Part I., Edward II.;* Kyd, *Spanish Tragedy;* Jonson, *Every Man in his Humour;* Shakespeare, *Richard II., Richard III., Othello, Antony and Cleopatra;* Milton, *Comus, Samson Agonistes, Arcades.* 2 hours a week.

4c. Elizabethan & Caroline Poetry, with special study of the selections in *The English Parnassus* and *Pageant of English Poetry* (Oxford University Press), from Sackville to Herrick, and Books I.-II. of Palgrave's *Golden Treasury of Songs and Lyrics*; also Spenser's *Faerie Queene, Book V.*, Milton's *Paradise Lost, Books I., II., IV.*, and Hakluyt, *Voyages of Gilbert and Drake*, selections from Holland, North and Browne's *Religio Medici*. 1 hour a week.

4d. Roe and Elliott, *English Prose* (Longmans); Wordsworth, *Preface to the Lyrical Ballads, Preface to the Edition of* 1815; Coleridge, *Biographia Literaria, chaps.* 4, 14, 15, 17-22; Carlyle, *History, Sartor Resartus, Biography;* Ruskin, *A Joy Forever, Unto this Last;* M. Arnold, *Culture and Anarchy, Study of Poetry, Democracy;* Jane Austen, *Pride and Prejudice;* Scott, *Ivanhoe;* Dickens, *David Copperfield;* Thackeray, *Esmond*. 2 hours a week.

4e. *Beowulf, vv.* 1250-1650 to be studied critically in the original (Wyatt's edition); a general knowledge of the remainder of the poem will be expected, which may be gained from Hall's, Earl's, Garnett's or Child's translation.

Historical English Grammar (Sweet).

1 hour a week.

Department of Geology

3a. Historical and Structural Geology: A lecture and laboratory course of one hundred and fifty hours. Textbook: Chamberlain and Salisbury, *College Geology*.

3b. Elementary Mineralogy: A course of twenty-five lectures.

3c. Determinative Mineralogy: A laboratory course of fifty hours on the determination of minerals and blow-pipe analysis.

Department of Hebrew

Note—Every student must provide himself with Davidson's *Hebrew Grammar*, Hebrew Bible, Hebrew-English Lexicon (Baxter); in the third year Davidson's *Hebrew Syntax*. Advanced students are recommended to provide themselves with the *Oxford Hebrew Lexicon*.

1a. Hebrew Grammar. Exercises in translation, English to Hebrew and Hebrew to English, Davidson pp. 1-106.

1b. Translation of *Exodus* 1-4, *I. Samuel* 17, with grammatical analysis, parsing and vocabulary.

3 hours a week.

2a. Hebrew Grammar. Exercises in translation from Hebrew into English and English into Hebrew. Pointing simple passages.

2b. Translation of *Genesis* 1-4, 37, 40-45, *I. Kings* 17-19, *II. Kings*, 2, 17. 3 hours a week.

3. Hebrew Grammar and Syntax, Davidson. Exercises in translation from English into Hebrew and Hebrew into English. Pointing.

3a. Introduction to prophetic writings. *Amos*, *Isaiah* 1-6, 40, 50-55, *Jeremiah* 7, *Ezekiel* 14. 3 hours a week.

4. Hebrew Grammar and Syntax. Pointing. Exercises in translation from Hebrew into English and English into Hebrew.

4a. Introduction to poetical writings. The principles of Hebrew poetry. *Numbers* 23, 24; *Psalms* 1,2, 8, 19, 23 24, 29, 45, 90-94, 121-127; *Ecclesiastes* 12; *Proverbs* 1-4, 8; *Job* 28.

4b. The Psalms not included in 4a., or Brown, *Aramaic Method*, Parts I and II.

Department of History

1a. History of Greece to 146 B. C.

2 hours a week, first term.

Text: Botsford's *History of Greece* (Macmillan & Co.)

1b. History of Rome to 476 A. D.

2 hours a week, second term.

Text: Pelham's *Outlines of Roman History* (Putnam, New York.)

2.—An interpretation of the constitutional and economic history of Greece to 323 B. C. and of Rome to 180 A. D. (Neville).

Pre-requisite: History 1a, 1b. 1 hour a week.

3a. Mediaeval History: Period of Study, 1100-1250 A.D. 2 hours a week, first term.

Text-books: K. Bell, *Mediaeval Europe;* J. H. Robinson, *History of Western Europe;* Thatcher and McNeal, *Source book for Mediaeval History;* Green or Gardiner for English History; *English History Source Books* (Bell.)

References: H. W. C. Davis, *England under the Normans and Angevins;* Viscount Bryce, *The Holy Roman Empire;* T. F. Tout, *The Empire and the Papacy;* Munro and Sellery, *Mediaeval Civilization.*

3b. Renaissance and Reformation History: Period of Study, 1450-1600. 2 hours a week, second term.

Text-books: E. M. Tanner, *Renaissance and Reformation;* J. H. Robinson, *Readings in European History;* Green or Gardiner for English History; C. W. Colby, *Selections from the Sources of English History.*

References: W. S. Lilly, *Renaissance Types;* M. Whitcomb, *Source-Book of the Renaissance;* P. S. Allen, *The Age of Erasmus;* G. F. Pollard, *Henry VIII.;* A. D. Innes, *England under the Tudors;* W. Besant, *Gaspard de Coligny;* F Harrison, *William the Silent; Cambridge Modern History, Vols. I and II.*

3c. Essays will be required as term work from students taking courses 3a and 3b.

3d. Additional reading for Honors—Fall Term: Jean de Joinville, *Memoirs of Saint Louis* (selected portions); Spring Term: *English History in Contemporary Poetry,* 1489-1588 (ed. N. K. Fraser).

4a. Modern History: Period of study, Eighteenth Century. 2 hours a week, first term.

Text-books: Robinson and Beard, *Development of Modern Europe, Vol. I.;* J. H. Rose, *Revolutionary and Napoleonic Era;* Green or Gardiner for English History; Robinson and Beard, *Readings in Modern European History;* E. P. Cheyney, *Readings in English History.*

References: C. G. Robertson, *England under the Hanoverians;* J. Morley, *Walpole;* E. Burke, *Essays on the Ameri-*

can Question; Lord Rosebery, *Pitt;* E. J. Lowell, *Eve of the Revolution; Cambridge Modern History;* J. A. R. Marriott and C. Grant Robertson, *The Evolution of Prussia.*

4b. Modern History: Period of Study, Nineteenth Century. 2 hours a week, second term.

Text-books: Robinson and Beard, *Development of Modern Europe, Vols. I. and II.;* Gardiner or Innes for English History; Robinson and Beard, *Readings in Modern European History;* E. P. Cheyney, *Readings in English History;* C. Grant Robertson and J. G. Bartholomew, *Historical Atlas of Modern Europe.*

References: J. A. R. Marriott, *England since Waterloo;* E. M. Hawksworth, *Last Century in Europe;* J. C. Ropes, *The First Napoleon;* Pietro Orsi, *Cavour;* F. H. Skrine, *Expansion of Russia;* J. H. Rose, *Development of Modern European Nations;* Bismarck's *Autobiography;* W. F. Monypenny (and G. E. Buckle) *Life of Benjamin Disraeli;* Nevill Forbes, etc., *The Balkans;* H. E. Egerton, *Canada; Canada and its Provinces* (selected portions); *Cambridge Modern History; The War and Democracy* (Round Table publications); numerous War Books and Pamphlets.

4c. Essays will be required as term work from students taking courses 4a and 4b.

4d. The Constitutional History of England. 1 hour a week.

Text-Books: F. C. Montague, *Elements of English Constitutional History;* A. M. Chambers, *Constitutional History of England;* W. Stubbs, *Select Charters;* Adams and Stephens, *Select Documents.*

Reference: T. P. Taswell-Langmead, *English Constitutional History;* W. F. Maitland, *Constitutional History of England;* W. Stubbs, *Constitutional History of England.*

4e. The Constitutional History of Canada. 1 hour a week.

Text-books: A. R. Hassard, *Canadian Constitutional History and Law;* J. G. Bourinot, *Constitutional History of Canada;* articles apportioned from *Canada and its Provinces.*

References: Egerton and Grant, *Canadian Constitutional Development;* F. Bradshaw, *Self-Government in Canada;* The

Earl of Durham's *Report on Canada;* Sir Richard Cartwright, *Reminiscences;* Sir Chas. Tupper, *Recollections.*

4f. The Constitutional and Diplomatic History of the United States. This course will include (1) the study and development of colonial governments up to 1787, of the constitution then drawn up, and of the subsequent developments to the present time; (2) a general history of the diplomatic relations of the United States with other countries, especially with Great Britain and Canada. 2 hours a week.

Text-books and books of reference:

Bryce, *American Commonwealth; Cambridge Modern History, Vol. VII.;* Thorpe, *Short Constitutional History of the United States;* Thorpe, *Constitutional History of the United States,* 3 vols.; C. E. Stevens, *Sources of the Constitution of the United States;* Foster, *A Century of American Diplomacy;* Hart, *Handbook of the History, Diplomacy and Government of the United States;* Poore, *Constitutions and Charters;* Burgess, *Reconstruction and the Constitution;* Oberholtzer, *The Referendum in America;* Beard, *Documents on the Initiative, Referendum and Recall.*

4g. A course in Historical Philosophy and Methods.

Text-books: G. Hegel, *Philosophy of History* (Morris); F. Harrison, *The Meaning of History*; K. Lamprecht, *What is History?*

References: Aristotle's *Politics;* T. Hobbes, *The Leviathan;* Lord Acton, *The Study of History;* Langlois and Seignobos, *Introduction to the Study of History.*

4h. The History of Canada since Confederation. 1 hour a week.

Text-books: George Bryce, *Short History of the Canadian People;* H. E. Egerton, *Canada; Canada and its Provinces* (selected portions).

Additional reading (1917-18): Sir Jos. Pope, *The Day of Sir John Macdonald* (*Chronicles of Canada*).

4i. A course in Anthropology. 1 hour a week.

Text-books: A. C. Haddon, *Wanderings of Peoples;* M. Haberlandt, *Ethnology;* J. Deniker, *Races of Man.*

References: Lord Avebury, *Prehistoric Times;* A. Keith, *Ancient Types of Man;* A. H. Keane, *Man, Past and Present;* W. Z. Ripley, *Races of Europe;* E. C. Semple, *Influence of Geographical Environment.*

4j. Outline History of Arts and Sciences.

4k. Roman Constitutional History. 1 hour a week.

Department of Mathematics

1a. Algebra—Linear and quadratic equations of one, two and three unknowns; ratio and proportion; variation, graphs; inequalities; progressions; interest forms and annuities. 2 hours a week.

Text: DeLury's *Intermediate Algebra.*

1b. Geometry—Inscribed, escribed, circumscribed center of triangle; mean center and orthocenter of triangle; radical axis and radical center of circles; axis of symmetry and axis of homology, center of symmetry and center of homology, harmonic properties of quads; collinear points and concurrent lines. A general review of substance of *Books IV. and VI.* of Euclid's *Elements.* 1 hour a week.

Text: Hall and Stevens, *A School Geometry, Parts I.-VI.* (Macmillan & Co.).

1c. Algebra—The subject as treated in Hall and Knight's *Higher Algebra pp.* 187-340. 1 hour a week.

References: C. Smith, *Treatise on Algebra* (Macmillan & Co.); Chrystal, *Algebra.*

1d. Synthetic Plane Geometry. 1 hour a week.

Text: Dupuis, *Elementary Synthetic Geometry* (Macmillan & Co.);

Reference: C. Smith, *Geometrical Conics* (Macmillan & Co.).

1e. Analytical Plane Geometry. 2 hours a week.

Text: C. Smith, *Conic Sections* (Macmillan & Co.).

1f. Synthetic Solid Geometry. 1 hour a week.

Text: Dupuis, *Synthetic Solid Geometry* (Macmillan & Co.).

1g. Trigonometry: The subject as contained in Locke's *Higher Trigonometry.* 1 hour a week.

Text: Locke, *Higher Trigonometry* (Macmillan & Co.).

Reference: Hobson, *Plane Trigonometry* (Cambridge University Press).

1h. Elementary Differential and Integral Calculus: Applications. 1 hour a week.

Text: Granville, *Differential and Integral Calculus* (Ginn & Co.).

2a. Algebra—Sums of squares and of cubes of natural numbers, applications; scales of notation; simultaneous, quadratic and cubic equations in two and three unknowns; imaginaries, undetermined co-efficients; elimination; permutations and combinations; binomial theorem, with applications. 1 hour a week.

Text: Hall and Knight, *Higher Algebra*, *pp.* 50-186.

2b. Geometry—Analytical Geometry of the point, line and circle. 1 hour a week.

Text: W. M. Baker, *Algebraic Geometry*, *Part I.*

2c. Trigonometry—Trigonometrical ratios and their relations; values of ratios of common angles; formulas of circular measure; applications; ratios of the sum and difference of two angles with derived formulas; logarithms; solution of triangles, with derivation of necessary formulas; radii of inscribed, escribed and circumscribed circles to a triangle; perimeters and areas of inscribed and circumscribed regular polygons, with consequences. 1 hour a week.

2d: Algebra—The subject as treated in Hall and Knight's *Higher Algebra*, *pp.* 340-489, with modifications and extensions. 2 hours a week.

Texts: L. G. Weld, *Theory of Determinants* (Macmillan & Co.); Burnside and Panton, *Theory of Equations*, *Vol. I.* (Dublin University Press).

References: C. Smith, *Treatise on Algebra* (Macmillan & Co.); Chrystal, *Algebra* (Macmillan & Co).

2e. Analytical Plane Geometry, advanced course. 1 hour a week.

Texts: C. Smith, *Conic Sections* (Macmillan & Co.); Salmon, *Conic Sections* (Longmans, Green & Co.).

2f. Analytical Solid Geometry. 1 hour a week.
Text: C. Smith, *Solid Geometry* (Macmillan & Co.).

2g. Spherical Trigonometry with applications to Astronomy. 1 hour a week.

Text: Dupuis and Matheson, *Spherical Trigonometry* (Uglow & Co., Kingston).

Reference: Barlow and Bryan, *Elementary Mathematical Astronomy* (Briggs and Bryan, Tutorial Series).

2h. Differential and Integral Calculus, advanced course. 2 hours a week.

Texts: Granville, *Differential and Integral Calculus* (Ginn & Co.); Williamson, *Integral Calculus, Elementary Treatise* (Longmans).

References: Edwards, Williamson, Byerly, Johnson.

Group 3.

3a. Invariant Theory. 1 hour a week.

Texts: Burnside and Panton, *Theory of Equations, Vol. I.* (Dublin University Press, Longmans); L. E. Dickson, *Algebraic Invariants* (Wiley & Sons, New York).

References: Elliott, *The Algebra of Quantics* (Oxford Press); Salmon, *Lessons on Modern Higher Algebra* (Gauthier-Villars, Paris).

3b. Modern Geometry, Analytic and Synthetic. 1 hour a week.

Texts: Salmon, *Conic Sections* (Longmans); Reye (Tr. Holgate), *Geometry of Position, Part I.* (Macmillan & Co.).

References: Cremona, *Projective Geometry* (Macmillan & Co.); Hatton, *The Principles of Projective Geometry* (J. M. Dent & Son).

3c. Higher Plane Curves. 1 hour a week.

Texts: Williamson, *Differential Calculus* (Appleton & Co.); *Integral Calculus* (Longmans).

Reference: Salmon, *Analytical Geometry* (Gauthier-Villars, Paris).

3d. Solid Geometry, Advanced Course. 2 hours a week.

Texts: C. Smith, *Solid Geometry* (Macmillan & Co.); Salmon, *Analytical Geometry of Three Dimensions, Vol. I.* (Longmans).

Reference: Salmon, *Analytical Geometry of Three Dimensions, Vols. I. and II.* (Longmans).

3e. Differential Equations, Introductory Course. 1 hour a week.

Text: W. W. Johnson, *Differential Equations* (Wiley & Sons, N. Y.).

Reference: Forsyth, *Differential Equations* (Macmillan & Co.).

3f. Quaternions. Elements of Quaternions. 1 hour a week.

Text: Hardy, Killand and Tait, *Introduction to Quaternions* (Macmillan & Co.).

References: Tait, *Quaternions;* Hamilton, *Quaternions.*

Group 4.

4a. Theory of Number Concepts, Introductory Course. 1 hour a week.

Text: Manning, *Irrational Numbers* (Wiley & Sons, N. Y.)

References: Dedekind, *Essays on Number* (Open Court Pub. Co., Chicago); Harkness and Morley, *Theory of Functions* (Macmillan & Co.); Forsyth, *Theory of Functions;* Harnack *Introduction to the Calculus*; Pierpont, *Theory of Functions of Real Variables, Vol. I.* (Ginn & Co.).

4b. Theory of Functions of Real and Complex Variables, Introductory Course. 1 hour a week.

This course will be a continuation of 4a and will include lectures on more difficult aspects of number concepts.

Text: T. S. Fiske, *Functions of a Complex Variable* (Wiley & Sons).

References: Same as for 4a, together with Goursat, *Functions of a Complex Variable* (Ginn & Co.).

4c. Theory of Elliptic Functions, Introductory Course. 1 hour a week, first term.

Text: A. L. Baker, *Elliptic Functions* (Wiley & Sons, N. Y.).

References: H. Hancock, *Lectures on the Theory of Elliptic Functions* (Wiley & Sons, N. Y.).

4d. Theory of Hyperbolic Functions, Introductory Course. 1 hour a week, second term.

Text: J. McMahon, *Hyperbolic Functions* (Wiley & Sons, N. Y.).

4e. Twisted Curves. 1 hour a week.

Text: A Lecture Course, based on Salmon, *Analytical Geometry of Three Dimensions.*

4f. Riemann's Surface, Introductory Course. 1 hour a week, first term.

A Lecture Course, based on certain chapters of texts referred to below.

References: Harkness and Morley, *Theory of Functions* (Macmillan & Co.); Forsyth, *Theory of Functions* (Putnam).

4g. Theory of Continuous Groups of one Parameter. 1 hour a week, second term.

Text: Page, *Ordinary Differential Equations* (Macmillan & Co.).

Reference: A. Cohen, *The Lie Theory of one parameter Groups* (Heath & Co.).

4h. Calculus of Variations, Introductory Course.

Lecture Course 1 hour a week, first term.

References: H. Hancock, *Lectures on Calculus of Variations* (University of Cincinnati); Bolza, *Lectures on Calculus of Variations* (University of Chicago).

4i. Calculus of Finite Differences.

Lecture Course. 1 hour a week, second term.

Reference: J. Burn and E. H. Brown, *Elements of Finite Differences* (Spectator Pub. Co.).

4j. Vector Algebra. 1 hour a week.

Text: E. W. Hyde, *Grassmann's Space Analysis* (Wiley & Sons).

References: Hyde, *Directional Calculus;* J. G. Coffin, *Vector Analysis* (Wiley & Sons).

N.B. Groups 3 and 4 will be given alternately in the Third and Fourth Years of the Honor Course, but will not both be given in the same year. Group 3 will be given in the year 1917-18.

Department of Modern Languages

French.

1a. Grammar, dictation, conversation, translation into French. An examination on Dumas, *Les trois mousquetaires.* 3 hours a week.

1b. Grammar, pronunciation, conversation, translation into French. Molière, *Le bourgeois gentilhomme;* La Fontaine, *Fables, Book I.;* Racine, *Athalie.*

Outlines of French Literature to middle of 16th century. 4 hours a week.

2a. Grammar, dictation, conversation, translation into French. Souvestre, *La main malheureuse, La question d'argent.* 4 hours a week.

2b. Grammar, dictation conversation, translation into French, narrative composition.

Corneille, *Le Cid;* Racine, *Andromache;* La Bruyere, *Caracteres (de la Societe et de la Conversation);* Bossuet, *Oraisons funebres, Henriette d' Angleterre;* Molière, *Le misanthrope, L'avare, Les precieuses ridicules;* Boileau, *L'art poétique (Cantos I., II., III.).*

History of French Literature in the 17th Century. 4 hours a week.

3a. Grammar, dictation, translation into French. Voltaire, *Zadig;* De la Brète, *Mon oncle et mon curé;* De Maupassant, *Huit contes choisis.* 4 hours a week.

3b. Grammar, dictation, translation into French. Le Sage, *Gil Blas* (Amer. Book Co.); Voltaire, *Mérope, Zadig;* Rousseau, *Pages choisies des grands écrivains, J. J. Rousseau,* par Rocheblave, *Parts III. and IV.;* Diderot, *Extraits,* ed. Fallex, *pp.* 81-144; Marivaux, *Le jeu de l'amour et du hasard;* Beaumarchais, *Le barbier de Seville;* André Chénier,

Poésies choisies a l'usage des classes (Fouquières): Hymnes et Odes; Chateaubriand, *Atala*; Madame de Stael, *de l'Allemagne, Part II., ch.* 1-15. History of French Literature in the 18th Century. 5 hours a week.

3c. Old French Grammar, elements of French phonology; *Chanson de Roland*, ll. 1-365. 1 hour a week.

4a. Grammar, translation into French, dictation. Hugo, *Hernani*, Augier, *Le Gendre de Monsieur Poirier*; Berthon's *Specimens of Modern French Prose*, Sand's *La mare au diable*. Outlines of the history of French literature in the 19th Century. 4 hours a week.

4b. Grammar and translation into French; History of French Literature in the Nineteenth Century. Lamartine, *Premières méditations poétiques I.-XV.* (Lemerre); Hugo, *Les voix intérieures, I.-XXIV.;* Anatole France, *Le crime de Sylvestre Bonnard*; Hugo, *Hernani;* Balzac, *Eugénie Grandet* (Calman Levy); Augier, *Le gendre de Monsieur Poirier*; Alphonse Daudet, *Tartarin sur les Alpes;* Maupassant, Huit contes choisis; Berthon, *Specimens of modern French Verse, pp.* 75-177 (Macmillan). 4 hours a week.

4c. History of the French Language....1 hour a week.

5. Scientific French I.....1 hour a week.

6. Scientific French II.....1 hour a week.

German.

1a. Grammar, pronunciation, translation from English into German, translation at sight from easy modern German prose. *Geschichten von deutschen Stadten* (p.88 to end). 3 hours a week.

1b. Grammar, pronunciation, translation into German, translation from modern German. Gronow's *Geschichte und Sage* (Ginn & Co.); Freitag's *Die Journalisten*. Outlines of the History of German Literature to 1500. 4 hours a week.

2a. Grammar, conversation, translation into German, translation from modern German. Gronow's *Geschichte und Sage*; *Geschichten von deutschen Stadten* (p. 88 to end); Hatfield's *German Lyrics and Ballads*, *Nos.* 1, 6 *to* 9, 14, 20, 25, 27, 28, 31, 37, 42, 43, 46, 47, 50, 53, 61, 62, 67, 68, 71, 72. 5 hours a week.

2b. Grammar, conversation, translation from English into German. Schiller's *Wilhelm Tell; German Lyrics and Ballads* (as in 2a); Scheffel's *Ekkehard.*

Outlines of the History of German Literature, 1500-1740. 4 hours a week.

3a. Grammar, translation into German, Heine's *Prosa* (Colbeck's edition, Macmillan & Co.) *pp.* 1-100; Freitag's *Soll und Haben* (Heath & Co.).

Outlines of German Literature to 1740. 4 hours a week.

3b. Grammar, translation into German, Lessing's *Minna von Barnhelm;* Schiller's *Maria Stuart;* Goethe's *Hermann und Dorothea, Iphigenie;* Heine's *Prosa* (Colbeck) *pp.* 1-140; Klenze, *Deutsche Gedichte, pp.* 1-127.

A general acquaintance with German Literature from Gottsched to the death of Schiller. 4 hours a week.

4a. Grammar, translation into German, Freitag, *Soll und Haben;* Schiller, *Jungfrau von Orleans;* Ebner-Eschenbach, *Lotti, die Uhrmacherin.*

Outlines of the History of German Literature, 1740 to the present. 4 hours a week.

4b. Grammar, translation into German; a general acquaintance with German Literature in the 19th Century. Schiller, *Jungfrau von Orleans;* Klenze, *Deutsche Gedichte,* p. 131 to end; Goethe, *Faust, Parts I. and II.*; Grillparzer, *Sappho*; Ludwig, *Die Makkabaer*; Heine's *Poems* (ed. White); Ebner-Eschenbach, *Lotti die Uhrmacherin*; Nichol's *Modern German Reader* (Holt & Co.), *Nos.* 3, 5, 7, 9, 10, 11, 14, 18, 22, 24, 25, 26, 31, 34, 35, 36. 4 hours a week.

4c. Elements of Middle High German Grammar; History of Middle High German Literature.

Nibelungenlied, Avv. 1, 5, 16, 29, 39. 1 hour a week.

5. Scientific German I. 1 hour a week.

6. Scientific German II. 1 hour a week.

Italian.

1. Grammar, pronunciation and oral exercises, dictation, translation into Italian (Grandgent's *Grammar,* and Grandgent's *Italian Composition*); Bowen's *Italian Reader.* 3 hours a week.

2. Grammar; translation into Italian (Grandgent's *Italian Composition*); *Italian Short Stories* (Heath); *Due Commedie Moderne* (Ginn & Co.). 3 hours a week.

3. Grammar; translation into Italian; outlines of History of Italian Literature to Boiardo (Garnett.)

Goldoni, *La Locandiera*; Dante, *Vita Nuova*; Petrarca, *Pages* 233-252 *and* 257-260 of Torraca, *Manuale della Letteratura Italiana Vol. I.*; Boccaccio, *Pages* 332-343, *and* 348-353 of Torraca.

4. Dante, *Divina Commedia, Inferno, Cantos* 1-6, 32-34; *Purgatorio, Cantos* 1-6, 30, 31, 33; *Paradiso, Cantos* 30-33. Ariosto, *pp.* 17-23, 26-30, 74-75, 87-88, 101-104, 117-118, in Torraca, *Vol. II.*; Tasso, *pp.* 142-157, 171-173, 189-192 in Torraca, *Vol. II.*; Manzoni, *I Promessi Sposi* (Heath's Edition).

Grammar; translation into Italian; History of Italian Literature from Ariosto to the present (Garnett).

Department of Philosophy

1a. Logic—Formal and inductive. 1 hour a week.

Text: Jevons, *Elementary Lessons in Logic* (Macmillan).

1b. Psychology—Sensation, Thought, Emotion, Volition.

Angell's *Psychology* (Holt), or Stout's *Groundwork of Psychology* (Hinds, Noble). 1 hour a week.

2a. History of Philosophy—

(1) Greek Philosophy, with special reference to Socrates, Plato and Aristotle. Essay.

(2) Pre-Kantian Philosophy, with special reference to Des Cartes, Spinoza and Leibniz. Essay.

(3) English Philosophy, with special reference to Bacon, Hobbes, Locke, Berkeley and Hume. Essay. 2 hours a week.

2b. Ethics—

(1) History of early modern Ethics up to Kant.

(2) Theory of obligation.

(3) Applied Ethics

Text-books: Mackenzie, *Manual of Ethics;* D'Arcy, *A Short Study of Ethics;* Dewey and Tufts, *Ethics;* Sidgwick, *History of Ethics.* 1 hour a week.

2c. Psychology, for the B.A., M.D. course. Fifteen lectures.

3a. Modern Philosophy—

(1) German Philosophy, with special reference to Kant and his disciples. Essays.

(2) English Philosophy, with special reference to Mill and Spencer. Essays.

(3) Introduction to most recent philosophical theories. Essays.

Texts and references will be indicated for extramural students on application to the Registrar.

Department of Physics

1a. General Physics: An introductory course of demonstrations and lectures, well illustrated by practical work in the laboratory. Prescribed for first year students in the Medical School.

1 lecture, 3 laboratory hours a week.

Texts: Watson, *General Physics;* Reed & Guthe, *College Physics;* Aldous, *Physics.*

1b. Mechanics, Heat and Acoustics: A course presenting the general principles without extensive mathematical applications. Prescribed for first year students in the Honor Natural Science courses, and optional in the first year of the General Course.

2 lectures, 3 laboratory hours a week.

Texts: Wilson, *Experimental Physics;* Reed & Guthe, *College Physics;* Louden & McLennan, *A Laboratory Course in Experimental Physics.*

1c. An extension of course 1b., in recitations and practical work, for first year students in the Honor Natural Science Courses.

3 laboratory hours a week, spring term.

1d. Properties of Matter, Mechanics and Heat: A

somewhat detailed course involving elementary applications of the Calculus and the solution of numerous problems. In the laboratory emphasis is placed upon the precision of methods and results.

3 lectures, 3 laboratory hours a week.

Prescribed for first year Honor students in Mathematics and Physics.

Texts: Watson, *A Textbook of Physics;* Millikan, *Mechanics, Molecular Physics and Heat.*

2a. Elements of Mechanics: A mathematical treatment, itroducing numerous applications of physical principles. Prescribed for second year Honor students in Mathematics and Physics.

2 lectures a week.

Text: Crew, *Principles of Mechanics.*

2b. Magnetism, Electricity and Light: A course supplementary to 1b. Prescribed for second year students in the Honor Natural Science Courses, and optional for second year students in the General Course who have taken 1b.

2 lectures, 3 laboratory hours a week.

Texts: As in 1b.

2c. An extension of the practical work in 2b, for students in the Honor Natural Science Courses.

3 laboratory hours a week, fall term.

2d. Acoustics, Geometrical and Physical Optics: For Honor students in Mathematics and Physics who have completed 1d.

2 lectures, 3 laboratory hours a week.

Texts: Watson, *A Textbook of Physics;* Millikan and Mills, *Electricity, Sound and Light.*

(Offered in 1916-17 and in alternate years.)

3a. Advanced Mechanics: A continuation of 2a, making use of the Calculus and simple differential equations.

2 lectures a week.

(Offered in alternate years, beginning 1917-18).

3b. Advanced Optics, Spectroscopy and Radiation: For students in the Honor Physics Course.

2 lectures a week.

(Offered in alternate years, beginning 1917-18).

3c. Electrical measurements: A laboratory course in precision measurements, entirely individual work. Optional for third year students in the General Course, and prescribed for Honor students in Physics to be taken at the same time as 3b.

3 laboratory hours a week.

3d. Principles of Electricity and Magnetism: For Honor students in Mathematics and Physics who have completed 1d.

2 lectures, 3 laboratory hours a week.

(Offered in alternate years, beginning 1917-18.)

4a. Mathematical Theory of Potential, with Applications.

2 lectures a week.

(Offered in alternate years, beginning 1918-19).

4b. Electromagnetic Theory and Practice: Lectures and laboratory work introducing the fundamental phenomena of direct and alternating currents, with a study of commercial types of motors, generators, transformers and rectifiers. For students who have completed 3c, or 3d.

2 lectures, 3 laboratory hours a week.

(Offered in alternate years, beginning 1918-19.)

4c. Electron Theory of Matter and Electromagnetic Theory of Light: A study of the development of some of the more recent ideas concerning matter and energy. For students who have completed both 2d and 3d.

2 lectures a week.

4d. Elementary Thermodynamics and the Theory of Gases: Lectures on the relation of heat and energy, equations of state, and simple applications of Gibb's Phase Rule. An acquaintance with partial derivatives and differential equations is required.

2 lectures a week.

Department of Political Science

Political Economy.

1a. The elements of Political Economy.

Text-books: C. Gide, *Principles of Political Economy* or F. W. Taussig, *Principles of Economics;* C. J. Bullock, *Selected Readings in Economics;* J. G. Bartholomew, *Advanced Economic Atlas.*

The works of Adam Smith, Ricardo, Mill, Marx, Boehm-Bawerk, Marshall, Smart, Nicholson, Ely, as books for reference.

1b. Essays will be required as term work from students taking course 1a.

2. The Industrial History of Canada since Confederation.

Text-book: *Canada and its Provinces, Volume* 9: General Economic History, 1867-1912.

3a. Advanced Courses in the following subjects: Money; Banking; Domestic and Foreign Exchange; Public Finance; Taxation; and Statistical Methods.

Text-books: D. A. Barker, *Theory of Money* (Cambridge Manuals); J. F. Johnson, *Money and Currency;* The Banking System of Canada: *Canada and its Provinces, Vol.* 10; G. C. Plehn, *Introduction to Public Finance;* H. Lyon, *Principles of Taxation;* W. I. King, *Elements of Statistical Method.*

Books for reference: H. Withers, *Meaning of Money;* W. S. Jevons, *Money and the Mechanism of Exchange;* G. J. Goschen, *Theory of the Foreign Exchanges;* C. F. Bastable *Public Finance;* A. L. Bowley, *Elements of Statistics,* E. R. A. Seligman, *Essays on Taxation; Canada and its Provinces* (selected portions.)

3b. Essays will be required as term work from students taking Course 3a.

3c. The Economic History of Great Britain, various European countries, and the United States of America.

Text-books: M. Briggs, *Economic History of England;* H. de B. Gibbons, *History of Commerce in Europe;* K. Coman,

Industrial History of the United States; Bland, Brown and Tawney, *English Economic History, Select Documents.*

Books for reference: W. Cunningham, *Outlines of English Industrial History;* E. P. Cheyney, *Introduction to the Industrial and Social History of England;* E. L. Bogart, *Economic History of the United States.*

4a. Labor Conditions and problems; Socialism; Syndicalism.

Text-books: F. T. Carlton; *History and Problems of Organized Labor;* O. D. Skelton, *Socialism, a Critical Analysis.*

4b. Problems of Distribution.

Text-book: J. R. Commons, *Distribution of Wealth.*

4c. Transportation.

Text-books: E. R. Johnson, *Elements of Transportation;* L. G. McPherson, *Transportation in Europe.*

4d. International Trade and Tariff Systems.

Text-book: C. F. Bastable, *Theory of International Trade;* G. M. Fisk, *International Commercial Policies.*

4e. The History of Economic Theories from the Middle Ages.

Text-book: J. K. Ingram, *History of Political Economy.*

4f. Essays will be required as term work from students taking either Political Economy of the General Course or the Honor Courses of the Fourth Year.

Government.

1a. The Law of the English Constitution, together with the relation of the leading British colonial administrations to the Imperial Government.

1b. Federal Constitutional Law: the systems of Government of Canada, Australia and the United States.

Law.

1. *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, giving also 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.

Text-book: Sandars, *The Institutes of Justinian.*

2. *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.

Text-books: Pollock and Maitland, *History of English Law, Vol. I.;* Storry-Deans, *Students' Legal History.*

3. *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.

Text-books: Holland's *Elements of Jurisprudence;* Sir Henry Maine's *Ancient Law.*

4. *English Constitutional Law*—The law of the English Constitution, with a sketch of the two Houses of Parliament, the Cabinet in its relation to the Crown and Parliament, the Prerogatives, the Conventions, Courts.

Text-books: Dicey, *Law of the Constitution;* Anson, *Law and Custom of the Constitution.*

5. *Federal Constitutional Law*—The leading features of Federal Government as exhibited in the most prominent Federal States. The Constitutions of Canada, Australia, Switzerland and the United States.

Text-books: Lefroy, *Federal System and leading Cases in Federal Constitutional Law;* Woodrow Wilson, *Congressional Government.*

6. *Colonial Constitutional Law*—The various forms of Colonial Government, with special reference to the self-governing colonies.

Text-book: Todd, *Parliamentary Government in the Colonies* (to page 318).

7. *Public International Law*—The essential principles are discussed and special reference made to current illustrations.

Text-book: Westlake's *International Law.*

Department of Public Health

A series of fifteen lectures, for students of the first year, dealing with Public Health, Preventive Medicine and Hygiene. The modern methods of handling and preventing infectious diseases, the hygiene of water, milk, food and flies, the physiological principles involved in, and the significance of, ventilation, foods and feeding, water supplies, sewage disposal, vital statistics, infant mortality, etc., are included.

All subjects are so treated from the purely practical standpoint as to outline the principles and show the general methods based upon them. Technicalities are avoided, the aim being not to train public health specialists, but to give such information as any educated person should have concerning the great advances of modern public health in order that he or she may be able to understand and fit in with them. The ordinary infectious diseases are described as to their appearance and symptoms, so far as would be useful in the ordinary private life of a private citizen.

Students' Organizations

The Athletic Association

The Western University Athletic Association, the governing body in all athletic activities, is composed of one representative appointed by the Board of Governors, the President of the University ex officio, one professor from each faculty, two students from each faculty, and a Secretary-Treasurer, a member of the Faculty. A meeting is held every Monday during the academic year and the Committee, being truly representative, is able to discuss and act on all athletic questions to the satisfaction of every department of university life. The student representatives are elected by the votes of the students and are responsibe to the students for the deliberations of the board. In addition to granting colors, handling all athletic finances, arranging and running inter-faculty contests in Football, Hockey, Track and Basketball, a first team in each of these sports is chosen and games arranged with other universities and clubs. Arrangements have been completed whereby our Association has been admitted to the Inter-collegiate Union and at the close of the war, when inter-collegiate contests are renewed, we shall be eligible for championship competition with our sister institutions. The supervision of the Gymnasium is also under the control of this Committee. During the past year it has been used by the students as a centre for their social functions.

OFFICERS 1917-1918.

Honorary President ..... Dr. E. E. Braithwaite
President ..... Dr. J. W. Crane
Vice-President ..... A. W. Smith, Medical '19
Secretary-Treasurer ..... Dr. K. P. R. Neville
Committee—Major A. T. Little, G. A. P. Brickenden, Arts '18, E. I. Loughlin, Medical '20, A. S. Fergusson, Arts '20.

The Literary Society

President ..... G. A. P. Brickenden, '18
Vice-President ..... Miss G. Rowntree, '18
Secretary ..... Miss V. Swartz, '20
Treasurer ..... A. S. Fergusson, '20

The New Areopagus Club (Debating)

OFFICERS FOR 1917-1918.

President.....G. A. P. Brickenden, '18
Vice-President.....R. Fowler, '19
Secretary-Treasurer.....A. Shaw, '19

W. U. C. O. T. C.

In the G. O. of January 1, 1915, provision was made for the organization of a Contingent of the Canadian Officers' Training Corps in connection with Western University under the command of Major T. J. Murphy of the Board of Governors. Since then the work of the Corps has attracted a large number of students from the different departments of the University, and many have been able to qualify for Lieutenants' commissions in the militia and four have qualified for Captains'. Sixty per cent. of the members who have been enrolled have gone overseas, No. 10 Stationary (Western University) Hospital attracting more students than any other unit, besides taking with it Lieut. (now Capt.) G. M. Brock, of the Faculty of Arts.

The number of students to whom military work will appeal will probably be small next year as it was last, but the citizens who have taken up the work of the Corps have made the past season very successful. We look for a continuation of this interest and of the success it engenders. The Corps does not have any longer to depend on those outside itself for instruction, but it is extremely fortunate in being in the headquarters city of Military District No. 1, where it can avail itself of the superb instructors of the regular infantry schools, e.g., Capt. J. N. Cantin, Q.M.S. I. Thieme, Sergeants Walsh and Graham. In the past the relationship with these instructors has been so cordial that they have gone out of their way to assist us at every turn. Besides the officers, there are enrolled in the unit this year eighty-six men.

The officers are:

Major.....T. J. Murphy
Captains.....K. P. R. Neville and G. F. Copeland
Lieutenants.....O. R. Pengelley and S. F. Maine

Appendix

DEGREES CONFERRED

1917

Master of Arts

Captain James Charles McWalter (ad eundem)
Rev. Archer Wallace

Bachelor of Arts

Edith Marion Appleyard
Frank Hartley Curran
Goldie Corlett Elgie
Helen Roberta Harvey
Star Floyd Maine
Edwin Howard Stephenson
Ada Dorothy Turville

Doctor of Medicine

Elliott Nichol Ballantyne
Frederick John Henry Campbell
Wilmer Lloyd Denney
Duncan D. Ferguson
Hans Olding Foucar
Leslie Melrose Jones
Alvin James McKay
Clarence John Archibald McKillop
Robert Stanley Murray
Frederick Harold Nelson
John Alexander Renwick
Offley Jackson Shore
James McStay Young

WINNERS OF AWARDS, 1917

Governor-General's Medal—Edith Marion Appleyard.

U. A. Buchner Gold Medal—Frank Hartley Curran.

Typographical Union Gold Medal—Mary McLean.

Canadian History Research Scholarship—Ada Dorothy Turville.

Alumnae Scholarship—Myrtle Martindale Rowntree.

BOARD OF GOVERNORS' AWARDS—

Second Year Honor Modern Languages—Marjorie Florence Dougall.

Second Year Honor Mathematics—Caroline Leger Vrooman.

First Year Honor Modern Languages—Dorothy Orea Walter.

First Year Honor Mathematics—Richard Clarence Guest.

Third Year General Proficiency — Constance Amelia Haskett.

Fourth Year Constitutional History Prize—Star Floyd Maine.

W. W. Tamblyn Prize for Public Speaking—Alexander Stanley Fergusson.

THE FACULTY OF MEDICINE

The thirty-sixth session of the Faculty of Medicine of the Western University will begin on October 1, 1917. Examinations for the removal of conditions will be given on September 29, and lectures will begin on October 2nd.

Work in Physiology, Pharmacology and Anatomy is conducted by full-time men in the Medical School Building, where much new equipment has been provided for work in these departments. Work in Public Health, Pathology, Bacteriology, Chemistry and Physics is carried on at the Institute of Public Health by full-time men.

Excellent opportunity is afforded at Victoria Hospital for the study of diseases common to this climate and for work in Surgery and Gynecology. Material for bedside teaching

is also available at St. Joseph's Hospital, the Hospital for the Insane and the Alexandra Sanatorium. Unusual facilities for the teaching of Practical Obstetrics are afforded in the Salvation Army Maternity Hospital and in the Lying-in-Ward of Victoria Hospital.

A certificate of having passed the Junior Matriculation Examination conducted by the Education Department of Ontario is required for entrance into the Western University Medical School.

The course of study leading to the Degree of M. D. will be lengthened by one year so as to include six years of work, beginning with the session of 1918-1919.

For the session of 1917-18 the number of students entering on the work of the first year will be limited to twenty-five. Blanks to be used in application for registration, the Annual Announcement, or any other information concerning the Faculty of Medicine may be obtained by addressing the Registrar of the Western University Medical School, London, Ontario.

THE INSTITUTE OF PUBLIC HEALTH

The Institute of Public Health has been established by the Ontario Government and is maintained by a provincial appropriation under the control of the Board of Governors of Western University. In the Institute laboratories are performed the public health analyses for the western part of the Province. These consist of certain examinations in connection with diphtheria, tuberculosis, typhoid fever and rabies, and with water sewage, milk, etc., which the Provincial Board of Health has arranged to have done free of charge. Other work is performed for physicians at a nominal fee. Analyses for industrial and commercial purposes are also undertaken. Besides doing public health and laboratory work, the staff of the Institute avail themselves of opportunities for the instruction of the public in all matters relating to the prevention of disease and the promotion of health, by lecturing before various clubs and societies.

The Institute is organized into divisions, the heads of which act as the heads of corresponding departments in the

University. Through this connection, the students in Arts receive their instruction in Public Health, Bacteriology and Chemistry in the Institute laboratories. The course in Public Health and Bacteriology aims to furnish knowledge of very practical value to the individual and to render more comprehensible to the student the modern efforts to improve the public health.

HURON COLLEGE

Huron College was founded in 1863 for training men for the ministry of the Church of England. Through its efforts the original charter of the University was secured, and through many vicissitudes preserved, until in 1908 the City of London undertook to contribute annually to the maintenance of the Arts Department, when Huron College became an affiliated institution under entirely separate management.

For conditions of entrance and courses of study, application should be made to the Principal, Huron College, London.

DEGREES IN DIVINITY, B.D. AND D.D.

The above degrees can be conferred by the Western University only on the recommendation of an affiliated theological college.

Huron Theological College is in the federation of all the Theological Colleges of the Church of England in Canada, organized under a canon of the General Synod for the purpose of maintaining a uniform standard and conducting the examinations for these degrees. The examinations are held annually in October. Certificates of Standing obtained in the University on any of the prescribed work, e.g. Hebrew, are accepted pro tanto.

A schedule of the work required for either degree can be obtained from Rev. Professor C. Abbott-Smith, D.D., Secretary of the Board, Ingleholm, Bellevue Avenue, Westmount, Quebec.