

University of Windsor

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1945

### Assumption College Calendar 1945-1946

Assumption College (Windsor)

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# Assumption College

WINDSOR  
ONTARIO



ANNOUNCEMENT

1945 -46



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# ASSUMPTION COLLEGE, WINDSOR, ONTARIO

1945	JULY	1945				
S.	M.	T.	W.	T.	F.	S.
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	..	..	..	..

1945	AUG.	1945				
S.	M.	T.	W.	T.	F.	S.
..	..	..	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	..	..

1945	SEPT.	1945				
S.	M.	T.	W.	T.	F.	S.
..	..	..	..	..	..	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	..	..	..	..	..

1945	OCT.	1945				
S.	M.	T.	W.	T.	F.	S.
..	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	..	..	..

1945	NOV.	1945				
S.	M.	T.	W.	T.	F.	S.
..	..	..	..	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	..	..	..

1945	DEC.	1945				
S.	M.	T.	W.	T.	F.	S.
.....	.....	.....	.....	.....	.....	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	.....	.....	.....	.....	.....	.....

## CALENDAR

- July 2—  
Summer Session.
- August 13—  
Supplemental Examinations begin.
- September 22—  
Registration for Windsor Students.
- September 24—  
Registration for Holy Name Students.
- September 25—  
Registration for Resident Students.
- September 26—  
Lectures begin. Late registration fee of Two Dollars
- October 5—  
Activities Committees Meet.
- October 7—  
Rt. Rev. Monsignor Fulton J. Sheen opens "Christian Culture Series."
- October 31—  
Annual Retreat.
- December 8—  
Reception of New Members into the B.V.M. Sodality
- December 21—  
Christmas Vacation begins at 5 p.m.

## ASSUMPTION COLLEGE, WINDSOR, ONTARIO

1946

1946 JAN. 1946  
 S. M. T. W. T. F. S.  
 .. .. 1 2 3 4 5  
 6 7 8 9 10 11 12  
 13 14 15 16 17 18 19  
 20 21 22 23 24 25 26  
 27 28 29 .. .. ..

1946 FEB. 1946  
 S. M. T. W. T. F. S.  
 .. .. .. .. 1 2  
 3 4 5 6 7 8 9  
 10 11 12 13 14 15 16  
 17 18 19 20 21 22 23  
 24 25 26 27 28 29 30

1946 MAR. 1946  
 S. M. T. W. T. F. S.  
 .. .. .. .. 1 2  
 3 4 5 6 7 8 9  
 10 11 12 13 14 15 16  
 17 18 19 20 21 22 23  
 24 25 26 27 28 29 30

1946 APRIL 1946  
 S. M. T. W. T. F. S.  
 .. 1 2 3 4 5 6  
 7 8 9 10 11 12 13  
 14 15 16 17 19 19 20  
 21 22 23 24 25 26 27  
 28 29 30 .. .. ..

1946 MAY 1946  
 S. M. T. W. T. F. S.  
 .... 1 2 3 4  
 5 6 7 8 9 10 11  
 12 13 14 15 16 17 18  
 19 20 21 22 23 24 25  
 26 27 28 29 30 31 ..

1946 JUNE 1946  
 S. M. T. W. T. F. S.  
 ..... 1  
 2 3 4 5 6 7 8  
 9 10 11 12 13 14 15  
 16 17 18 19 20 21 22  
 23 24 25 26 27 28 29  
 30 .. .. ..

## CALENDAR

- January 2—  
 Lectures resume. Last day for submitting outline for M.A. theses.
- January 7—  
 Mid-year examinations begin.
- January 19—  
 First Term ends.
- January 21—  
 Second term begins; Second term fees due.
- January 27—  
 Christian Culture Award Winner Announced.
- March 7—  
 Feast of St. Thomas Aquinas.  
 Thomistic Symposium.
- April 22—  
 Second term examinations begin.
- May 20—  
 Annual Awards Night
- May 21—  
 Baccalaureate Ceremonies
- May 22—  
 Annual Convocation.

## *Officers of Administration*

VINCENT J. GUINAN, C.S.B., M.A., President  
GEORGE J. THOMPSON, C.S.B., B.A., First Councillor  
MICHAEL J. PICKETT, C.S.B., Second Councillor  
JOHN FRANCIS MURPHY, C.S.B., Ph.D., Registrar  
RICHARD S. WOOD, C.S.B., B.A., Bursar

## *Officers of Instruction*

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SCIENCE

CHARLES ARMSTRONG, C.S.B., B.A.  
PHYSICAL EDUCATION

DESIRE BARATH, Ph.D.  
PHILOSOPHY

F. AUSTIN BROWN, C.S.B., M.A.  
CLASSICS

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FRENCH

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CHEMISTRY

LEO MUNNELLEY, C.S.B., M.A.  
HISTORY

R. MUNROE  
DEMONSTRATOR

JOHN F. MURPHY, C.S.B., Ph.D.  
ENGLISH

ANDREW NOSOTTI, Bs. C.  
ENGINEERING

EUGENE S. PAULUS, B.A.  
SPEECH

ORVILLE ROLFSON, M.A.  
MATHEMATICS

H. A. REINHOLD,  
RELIGION

F. S. RUTH, C.S.B., B.A.  
PHYSICS

J. P. RUTH, C.S.B., M.A.  
MATHEMATICS

JOHN SHERIDAN, B.A.  
CHEMISTRY

JOSEPH TRUANT, B.S.A.  
BIOLOGY

ARTHUR J. WEILER, C.S.B., B.A.  
GERMAN

E. M. YOUNG, C.S.B., B.A.  
HISTORY



## RE-ESTABLISHMENT OF EX-MEMBERS OF THE SERVICES

The Minister of Pensions and National Health has the authority under Order-in-Council 5210 to approve, under one of the three following categories, training, including maintenance grant and fees (together with appropriate allowances for dependents), for ex-members of the forces:

- I. Vocational, Technical and other Educational Training: refresher courses or courses leading to high school graduation or matriculation, subject to the following restrictions;
  - (a) the courses must be **accepted by the Minister** as being training which will fit the student or keep him fit for employment or re-employment or will enable him to obtain better or more suitable employment;
  - (b) the student's progress in the courses must **satisfy the Minister**;
  - (c) the training is determined by the length of a man's service in the forces, with a maximum of twelve months.
  
- II. University, Undergraduate: any discharged person who
  - (a) has been regularly admitted to a university before his discharge and resumes within one year and three months after discharge a course, academic or professional, interrupted by his service; or
  - (b) becomes regularly admitted to a university and commences any such course within one year and three months after his discharge; or
  - (c) for any reason **satisfactory to the Minister** delays resumption or commencement of such course beyond the aforementioned periods.

The opportunity for university training is governed by the length of service. Where progress is satisfactory, the

assistance may be continued for as many months, in university, as the man served in the Forces. If the student's progress and \*attainments in his course are such that the Minister deems it in his interest and in the public interest, the payment of the grant may be extended beyond the period of service to permit the man to complete his course.

However, the grants shall not be continued to any person who fails in more than six credits, two full courses, in any academic year nor to any person who having failed in the six credits or less, also fails in the supplemental examinations next offered by the university in the courses failed.

III. University, Post-Graduate; any discharged person who

- (a) has entered upon a post-graduate course, either academic or professional, in a university before enlistment, or was about to do so at the time of his enlistment, or having completed his undergraduate course in a university after his discharge, enters upon a post-graduate course as aforesaid, and
- (b) resumes or commences such post-graduate course within
  - i. one year from his discharge, or
  - ii. one year from the commencement, next following his discharge, of such course in such university, if his discharge precedes such commencement by not more than three months, or
  - iii. in the case of a discharged person who completes his undergraduate course after his discharge, as soon as may be after such completion.

But the **Minister** after examining the student's past academic performance and the course to be undertaken or resumed, **must approve** as a matter of public interest the student's pursuing this course. The payments will be for as many months as the student has served in the forces, but

the period of assistance may be extended if the progress and achievements of the student are so outstanding that it is deemed in the public interest that the grant should be continued.

Grants. A "grant" under the provisions of Sections, I, II, III, above means \$60.00 per month in the case of an unmarried person and \$80.00 per month in the case of a married person, together with, in either case, such additional monthly allowance for dependents, if any, as provided below, and, in either case, reduced by such amount on account of any pension, wages, salary or other income such person may have received or be entitled to receive in respect of the period for which such grant is paid, as to the Minister seems right.

Additional allowance for person in lieu of wife .....	\$20.00
Additional allowance for one child.....	12.00
Additional allowance for second child .....	12.00
Additional allowance for third child .....	10.00
Additional allowance for each subsequent child not in excess of three.....	8.00
Additional allowance for parent or parents.....	15.00

## *Tuition and Fees*

First Registration (Paid only new registrants) .....	\$ 5.00
Tuition (Paid by all full time students) .....	110.00
Athletic and Library Fee (Paid by all full time students) .....	10.00
Examination Fee (Paid by all full time students) .....	10.00
Laboratory Fee for <b>each</b> Science & Surveying .....	5.00
Caution Money ((refundable at end of year) .....	5.00
Annual University Fee (Paid by every full time student) .....	25.00
Students' Council Fee <b>plus</b>	
Publication Fee (Paid by every full student <b>in cash</b> to Registrar's Office, on Registration Day (\$6.00 plus \$4.00) .....	10.00

**Hence**, the minimum in Canadian currency for total tuition and fees for a full-time day student approximates \$165.00; \$150.00 in American currency.

N.B. All fees, except the \$10.00 Student Council-Publication Fee, will be paid to the Bursar after one receives a complete statement on **Registration Day** from the Registrar.

### RESIDENT STUDENTS

In addition the aforementioned fees are charged, \$275.00 in Canadian currency for their Board and Semi-Private room. Laundry would be \$20.00 extra for the year.

Hence, the total **minimum fees** for a Resident student would approximate \$440.00 per year in Canadian currency; \$400. in American currency. Books, of course, are not included in this estimate.

N.B. 1— If a student withdraws, no fees are refundable except Board and Tuition.

N.B. 2—By order of the Canadian Exchange Board, all American students must pay their bills in American currency; but they will, of course, be given the official premium set at 10%.

# Regulations

## ADMISSION

### CANADIAN—ONTARIO STUDENTS

Candidates seeking admission must present to the Registrar at least two weeks before the opening of the session they wish to attend, an official statement of the marks on which their certificates were awarded. For the evaluation of other than Ontario certificates a fee of \$2.00 is charged. This sum must accompany the certificates, and is not returnable.

#### (A) *Grade XII Certificates*

A candidate will be admitted to the first year of the General Course in Arts on presentation of a Secondary School Graduation Diploma (or equivalent), showing satisfactory completion of the following Grade II subjects:

- I. English.  
History.
  - II. Latin or Mathematics.
  - III. Two of Mathematics.  
Latin.  
French.  
German.  
Spanish or Italian.  
Greek.  
Science or Agriculture
  - IV. One of Home Economics.  
Shopwork.  
Commercial Work.  
\*Music.  
Art.  
Option from III not previously chosen.
- No Option may be counted more than once.

#### (B) *Grade XIII Certificates*

A candidate presenting Grade XIII certificates or the equivalent in at least four non-science subjects (not papers),

together with the full requirements of "A" above, will receive sufficient credit thereon to enable him to reduce the normal length of his course by one year.

The Grade XIII subjects are:

English (Literature and Composition).  
Mathematics (Algebra, Geometry, Trigonometry).  
History.  
Latin.  
Greek.  
French  
German.  
Spanish.  
Italian.  
Physical Science (Physics and Chemistry).  
Biology (Botany and Zoology).

Examinations in these Grade XIII subjects are conducted by the Department of Education at various centres in the Province of Ontario in June of each year.

A candidate is allowed to write on one or more Grade XIII subjects at a time, in any order.

### PERCENTAGES

In order to secure First Class Honors in a subject a candidate must obtain at one examination at least seventy-five per cent. of the marks assigned to that subject, and at least fifty per cent. on each paper of that subject; the minimum for Second Class Honors, is sixty-six per cent., and for Third Class Honors sixty per cent., other conditions being the same as for First Class.

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

### EQUIVALENT EXAMINATIONS

Certificates of having passed Secondary School subjects parallel to Grade XII or Grade XIII subjects named above may be accepted *pro tanto*, provided always that the standards of these certificates meet the requirements of this University.

The senior local examinations conducted by the University of Oxford and by the University of Cambridge may be accepted instead of Grade XIII (Upper School) standing in the same subjects.

### ADVANCED STANDING—FROM COLLEGIATES

Candidates presenting Grade XIII certificates in Ancient or Modern Languages, or History, or Mathematics, or the recognized equivalents of such certificates, may be credited with the corresponding subjects in the Junior Groups. For Sciences special regulations obtain.

### CANADIAN AND AMERICAN

All applications for advanced standing, except on certificates indicated above, must be accompanied by official certificates from the institution where work has been done, and be presented to the Registrar by September 10, if possible.

STUDENTS FROM OTHER PROVINCES SHOULD CONSULT THE REGISTRAR.

### AMERICAN

Graduates of accredited High Schools will be admitted to the Freshman class upon proper certification of their record by the Principal on a form which must be secured from the Registrar, Assumption College. The record must show a definite recommendation by the Principal of the applicant's fitness to pursue college work.

### ADULT SPECIAL STUDENTS

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

### TERM WORK

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

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

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

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

### SUPPLEMENTALS

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

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

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

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

No supplemental examination will be allowed in Honour subjects except those offered as options by General Course students to complete the requirements or their courses.

### SPECIAL EXAMINATIONS

No General Course students may write special examinations on more than four credits of work in one academic year (July 1-June 30), or within ninety days of the failure.

An Honour Course student may not write a special examination in any academic year if he has failed in more than one Honour examination paper, or has obtained less than 35 marks.

### FAILURES

A student who fails at any mid-year examination in one-half of his registered credits may be dropped from the University for the second term of the year, but he may re-register for the following winter session. No credit will be given for the part of the work successfully carried in the first term.

A student who fails to obtain a passing grade in the regular or supplemental examinations in a course will not be eligible for re-examination without a further year's at-



tendance at the lectures in the course in which he has failed. **The student must repeat that course the year after failure no matter what subject or subjects must be postponed.**

A student may repeat no single course oftener than once.

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

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

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

No work may be taken in the Senior Group until the work of a Junior Group has been completed.

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

A candidate in an Honour Course who, at the examination for the degree of Bachelor of Arts, fails to obtain the requisite average for Honours may, on the recommendation of the Committee on Academic Standing, be awarded a degree in the General Course. The candidate may write a subsequent examination for the Honour degree.

### ATTENDANCE AT LECTURES

First and second year students who have attended less than 80 per cent. of the lectures in a course for any term shall be debarred from taking the regular examinations on that course. This rule holds for all courses numbered in the tens or the twenties or the two hundreds regardless of the year of a student's registration in the University.

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

No registration of any student for any year is complete until the prescribed physical examination has been taken.

## THE M. A. DEGREE

A candidate must be a graduate in Arts of this or some other accredited university. A graduate in an Honour Course must have obtained at least Second Class Honours (66%) in the third and fourth years of his course. A graduate in a General Course must have obtained in the last two years of his course 66% of the aggregate possible marks and not fallen below 60% in more than six credits. He must subsequently bring his standing up to that of a graduate in an Honour Course by completing in residence with an average of 66% one year's work of a minimum of sixteen credits, the distribution of which shall be at the discretion of the Dean and the heads of the departments concerned. This year does not satisfy the attendance requirement (mentioned below) imposed on all candidates for the degree of Master of Arts.

Graduates of accredited universities before being accepted as candidates for the degree of Master of Arts in this University must furnish to the Registrar official evidence that they have obtained the degree of B.A., and that their standing in the third and fourth years of their courses corresponds to the standard laid down in the preceding paragraph.

A candidate for the Master of Arts degree who is a graduate in an Honour Course, or a candidate who is a graduate in a General Course and has subsequently fulfilled the requirements laid down in paragraph one, must spend a minimum of one year in residence study. Further detailed information on M.A. work can be obtained by writing to The Registrar.

## GENERAL

When a student begins a foreign language in the University, no credit toward a degree will be given for the first year of that language unless that year is followed by a second year in the same language. Credit towards a degree in preparatory Greek will not be given unless it is supplemented by at least two other years of Greek, either New Testament or Classical.

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

*A student may take only three credits more than the number required for the academic year in which he is registered. Permission to take more than three extra credits may be given by the Academic Standing Committee.*

*For extra credits taken by permission of this Committee, an extra tuition fee of \$10.00 a credit and the usual laboratory and caution fees will be charged.*

## ***Requirements for Degrees***

### EXPLANATION OF NUMBER SYSTEM

First year general courses are numbered between 10 and 19.

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

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

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

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

All students, on entering the Faculty of Arts, will register in one of the following groups.

## ***Summary of Courses***

The unit of instruction is known as a credit hour. It consists of one hour a week for the entire school year. The laboratory hours required for each science are indicated in the Description of Courses given.

### GENERAL COURSE

In each Junior Group credit will be allowed for certificates in Grade XIII English (10, 11), Mathematics (10, 12, 18), Latin (10), French (10), German (10), History (14), Spanish (10). Certificates of at least third class honors in each of Botany and Zoology will cancel Biological Science 11, and of at least third class honours in each of Physics and Chemistry will cancel Physical Science 11. Credit will not be given for one of the two papers involved. One science course (Biological or Physical) must be taken in the college.

**THESE  
LIBERAL ARTS COURSES ARE FOR  
THE TRAINING OF LEADERS IN ALL  
WALKS OF LIFE.**

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

**GENERAL COURSE:** Leading through one of four Groups to either a General or an Honor degree. On completion of any one of the Groups a student may finish his course for a General degree in two years, or, if eligible, may enter an Honor course and finish in three years.

### FIRST GROUP

(The Freshman and Sophomore years of this group approximate what most American universities would have in first two years of a Bachelor of Science Course. After completing these two years, the student may wish to transfer to an Honor Science Course, Honor Math. and Physics, at another university; or he may wish to complete here what amounts to a Four Year B.S. course in the U.S.A.; or he may conveniently switch to a variety of options during his Junior and Senior Years. See p. 32).

### FRESHMAN YEAR

Course	Sem. Hours		Subject
Religion 11x .....	2	2	Christian Revelation
English 10 .....	2	2	Shakespeare and Prose Selections
English 11 .....	1	1	Composition
English 19 .....	1	1	Speech Education
Library Science 10a .....	1	—	The Use of Books and Libraries
Mathematic 10a .....	3	—	College Algebra
Mathematics 12b .....	—	3	Analytic Geometry
Mathematics 18a .....	2	—	Trigonometry
Physical Education 1 ....	1	1	Principles and Activities

**One of:**

Botany 10	}	3	3	Introductory Botany
Physics 10		3	3	General Physics
Zoology 10		3	3	Elementary Zoology
Chemistry 10		3	3	General

**One of:**

French 10 .....	3	3	Intermediate French
German 10 .....	3	3	Intermediate German

19    16

## SOPHOMORE YEAR

Course	Sem. Hours		Subject
Religion 21x .....	2	2	Christian Morality
English 20 .....	2	2	General Literature from Chaucer to Present Day
English 21 .....	1	1	Composition and Rhetoric
Mathematics 20b .....		2	Algebra
Mathematics 22a .....	2	—	Analytic Geometry
Mathematics 24 .....	2	2	Calculus
Three of Sciences not previously taken:			
Botany 10 (.....)	—		See description above.
Physics 10 (.....)	—		
Chemistry 10 (.....)	—		
Zoology 10 .....	9	9	
Physical Education 1 ..	1	1	Principles and Activities
	20	20	

## SECOND GROUP

(The Freshman and Sophomore years of this group approximate the first two years of the Four Year Business Administration course of many American universities. A student who completes this group and who wants to transfer to the Five Year Honor course in Bus.Ad., Economic and Polit. Science, or Social Science, may do so; *or* he may complete what amount to the Four Year Bus.Ad. course, *or* he may conveniently switch to a variety of options during his Junior and Senior Years. See p. 32). N.B.—This group is often taken as the foundation for a good Pre-Law course.

Students who intend to transfer to one of the Five Year Honor Courses should carry an extra language for the two years of this group. The students who are expecting to take the Honor Social Science (page 79) should elect Biological Science 11, and History 20 (instead of Business 20.)

## FRESHMAN YEAR

Course	Sem. Hours		Subject	
Religion 11x .....	2	2	Christian Revelation	
English 10 .....	2	2	Shakespeare and Prose Selections	
English 11 .....	1	1	Composition	
English 19 .....	1	1	Speech Education	
Library Science 10a .....	1	—	The Use of Books and Libraries	
Any } two }	Mathematics 10a ..	3	—	College Algebra
	Mathematics 10b ..	—	3	Analytic Geometry
	Mathematics 18a ..	2	—	Trigonometry
Physical Science 11....	3	3	General Science	
or				
Biological Science 11 ....	3	3	General Science	
A Language .....	3	3	German 1, French 10, Spanish 1	
Physical Ed. 11 .....	1	1	Principles and Activities	
	22	19		

N.B. Latin 10 may be substituted for Mathematics.

### SOPHOMORE YEAR

Course	Sem. Hours		Subject
Religion 21x .....	2	2	Christian Morality
English 20 .....	2	2	General Literature from Chaucer to Present.
English 21 .....	1		
Business 20 .....	3	1	Composition and Rhetoric
Economics 20 .....	3	3	Principles of Business Adminis.
Psychology 20 .....	3	3	Principles of Economics
A Language .....	3	3	Elementary Psychology
		3	Continuation of the language of the first year.

$\overline{17}$     $\overline{17}$

### THIRD GROUP

(The Freshman and Sophomore Years of this group are necessary for those who intend to pursue the Five Year Honor English Language and Literature, Honor History, Honor English and French, and for Honor English and Latin. Students may major in English, History, or some languages and graduate in two more years after this group; or one may switch to certain other options. (See p. 32).)

### FRESHMAN YEAR

Course	Sem. Hours		Subject	
English 11 .....	1	2	Christian Revelation	
English 10 .....	2	2	Shakespeare and Prose Selections	
Religion 11x .....	2	1	Composition	
English 19 .....	1	1	Speech Education	
Library Science 10a .....	1	—	The Use of Books and Libraries	
Any two	Mathematics 10a ..	3	—	College Algebra
	Mathematics 10b ..	—	3	Analytic Geometry
	Mathematics 18a ..	2	—	Trigonometry
Physical Education 11 ..	1	1	Principles and Activities	
Two Languages .....	6	6	German 1, French 10, Latin 10, Greek 1, Greek 10, German 10, Spanish 1.	
Physical Science 11 .....	3	3	General	
or				
Biological Science 11 ....	3	3	General	

$\overline{22}$     $\overline{19}$

N.B. Latin 10 may be substituted for Mathematics provided two additional Foreign Languages are taken.

### SOPHOMORE YEAR

Course	Sem. Hours		Subject
Religion 21x .....	2	2	Christian Morality
English 20 .....	2	2	General Literature from Chaucer to Present Day.
English 21 .....	1	1	Composition
History 14 .....	3	3	History of the Americas.
History 20 .....	3	3	Mediaeval, Renaissance, etc.
Physical Education 21 ..	1	1	Principles and Activities.
Two Languages .....	6	6	Continuation of Languages of Freshman Year.

$\overline{18}$     $\overline{18}$

## FOURTH GROUP

(The Freshman and Sophomore years of this group are prerequisites for Honor Classics, French and German (or Spanish), French and Latin. One may complete the Four Year General Course and major in languages after this group).

### FRESHMAN YEAR

Course	Sem. Hours		Subject
English 10 .....	2	2	Shakespeare and Prose Selections
English 11 .....	1	1	Composition
English 19 .....	1	1	Speech Education
Library Science 10a .....	1	—	The Use of Books and Libraries
Any { Mathematics 10a ..	1	—	College Algebra
two { Mathematics 12a ..	—	1	Analytic Geometry
{ Mathematics 18a ..	1	—	Trigonometry
Physical Education 11 ..	1	1	Principles and Activities
Three Languages .....	9	9	Greek 10, Latin 10, Spanish 1, Greek 1, German 1, French 10, German 10.
Religion 11x .....	2	2	Christian Revelation
	—	—	
	18	17	

N.B. Latin 10 may be substituted for Mathematics provided three additional foreign languages are taken.

### SOPHOMORE YEAR

Course	Sem. Hours		Subject
English 20 .....	2	2	General Literature from Chaucer to Present.
English 21 .....	1	1	Composition
Physical Science 11 .....	3	3	General Science
Three Languages .....	9	9	Continuation of Three Languages of Freshman Year.
Religion 21x .....	2	2	Christian Morality
Physical Education 21 ..	1	1	Principles and Activities
	—	—	
	18	18	

### JUNIOR AND SENIOR YEARS GROUP

To graduate in either of the groups below, a student must secure at least Grade C in one-half the credits of his group and a passing mark (Grade D) in the rest. Courses previously counted cannot be given credit again in a Senior Group; an equal number of credits must be substituted for them (see page 37).

### GROUP A

This subgroup is open to any student who has completed Junior Group 1 or the equivalent.

<i>Subject</i>	<i>Credits</i>
Psychology 20 or 30.....	3
Physical Education 20 or 21.....	1
English 30, 40 or 48.....	6
History 45, 46.....	3

Economics 20, 42b or 30b .....	4½
At least 3 credits from History 31, 33, 44; Psychology, 36, 39, 48.....	3
At least 15 credits from:.....	15
Applied Biology 23, 40;	
Botany 22b, 25a, 31a, 36b, 43;	
Chemistry 22, 33, 44, 46a, 46b;	
Geology 20;	
Geography 35, 45;	
Physics 21 or E10;	
Zoology 20, 36;	
Mathematics 20, 22, 24, 29a, 38b, 38a, 48b.	

### GROUP B

This subgroup is open to any student who has completed Junior Group 2, 3 or 4.

Psychology 20 (or 30), or Philosophy 30.....	3
Biological or Physical Science 11.....	3
Physical Education 20 or 21.....	1
English 30, 40 or 48.....	6
History, 6 credits from 20, 31, 33a, 36, 44, 45, 46.....	6
At least 9 credits (which must include Economics 20, if not previously taken, and 42b or 30b) .....	9
Economics 20, 28, 30b, 32a, 32b, 33, 35a, 37a, 37b, 38a, 39a, 42a, 42b, 45a, 46, 47b, 48a, 49b, 259;	
Philosophy 30, 30x, 31a, 33x, 34b, 37, 37x, 40, 42, 43b, 47, 47x;	
Psychology 35, 35x, 36, 36x, 37a, 37b, 38, 39, 43a, 44, 46, 48, 49b;	
Religious Knowledge 20x, 21x, 29x, 30x, 31x, 39x, 40x, 41x, 47x, 48x;	
Geography 35, 45;	
Music 10, 20.	
At least 6 credits from:.....	6
(a) Latin 20, 30, 35x, 45x;	
Greek 10, 20, 29, 30, 40;	
French 20, 30, 33, 39, 40, 43, 271, 381, 491;	
German 20, 30, 31, 39, 40, 41;	
Spanish 20, 30, 31, 40, 41;	
Italian 10, 20;	
Hebrew 10, 20, 30, 40;	
Russian 10, 20;	
(b) Mathematics 10, 12, 18, 20, 22, 24, 29a, 38b;	
(c) Senior Group courses not already counted in Economics, English, History, Philosophy, Psychology, Religious Knowledge.	



**For Honour Courses in  
English Language and Literature  
Economics and Political Science  
History, Social Science, Etc.  
Consult Registrar**

**XIII (a). Philosophy and Psychology**

This course is open only to students of Assumption College.  
Requirements for Admission: Secondary School Graduation Diploma  
(page 34).

**First Year**

One year's work in any Junior Group. Admission to the  
Sophomore Year in Honor Philosophy is subject to approval  
by the Registrar and the Department of Philosophy.

**Second Year**

Subject	Credits
English 20 .....	2
English 21 .....	1
Physical Education 21 .....	1
Psychology 20x .....	3
Philosophy 231x .....	2
Philosophy 237x .....	2
Philosophy 250x .....	1
One Foreign Language 20 .....	3
At least 5 credits from options approved by the Registrar and the Department .....	5

**Third Year**

English 30 .....	3
Psychology 36x .....	2
9 credits from these Philosophy courses: 234xb, 237x, 340x, 341xa, 341xb, 342xa, 342xb, 343xa, 343xb, 444xa, 444xb, 445xa, 445xb, 446xa, 446xb, 447x, 448x, 449x, 350x, 450x .....	9
At least 3 credits from options approved by the Registrar and the Department .....	3

**Fourth Year**

English 40 .....	3
12 credits in Philosophy not taken in Junior Year .....	12
At least 3 credits from options approved by the Registrar and the Department .....	3

# Special Courses

## I -- Commerce

The Commerce Course is designed for those who DO NOT desire to proceed to a degree, but who wish to obtain a grasp of the problems involved in the organization and management of business. Each student is awarded a diploma upon the successful completion of this course. It will be noted that, after the excellent foundation of the Freshman Year, students are given a choice between the eight credits of Accounting and eight credits of Marketing options. Either of the latter groups must be taken entirely.

### Freshman Year

	Credits	Description
Religion 11x .....	2	Christian Revelation.
or		
Philosophy E. 11x .....	2	Philosophy of Religious and Scientific Faith
English 1x .....	2	Business English.
Typewriting 10x .....	1	Introduction.
Physical Education .....	1	Principles and Activities
Economics 10x .....	3	Principles of Economics.
Business 20 .....	3	Introduction to Business Organization and Management.
Mathematic 10x .....	2	Business Mathematics
Business 10x .....	3	

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### Sophomore Year

	Credits	Description
Religion 21x .....	2	Christian Morality.
or		
Philosophy E. 21x .....	2	Philosophy of Human Acts.
English 21 .....	1	Composition.
English 31 .....	1	Reports and Business Letters.
Typewriting 20x .....	1	Speed Drills.
Physical Education 21x.....	1	Principles and Activities.
Business 21x and 22x .....	3	Business Law and Business Practice.

### Accounting Options

Business 15x .....	4	Cost Accounting.
Business 25x .....	4	Advanced Accounting.

### Or Marketing Options

Business 23x .....	1	Advertising.
Business 24x .....	4	Marketing.
Business 35x .....	3	Business Statistics

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## II -- Pre-Engineering

**ENTRANCE REQUIREMENTS:** Canadian students must present certificates of complete Pass Junior Matriculation. American students of accredited High Schools will be admitted upon proper certification of their record by the Principal. This record must show a definite recommendation by the Principal of the applicant's fitness to pursue college work. No student will be accepted whose average in Mathematics and the Sciences is lower than "B". Students who have not a High School credit in Solid Geometry must remove this deficiency in their Freshman year.

### Freshman Year

FIRST SEMESTER	Lectures	Lab.	Semester Credits
Religion 11x .....	2	0	2
or			
Philosophy E-13x .....	2	0	2
English, 10, 11, 19 .....	4	0	4
Chemistry E-10 .....	4	4	4
Mechanical Drawing E-1 .....	1	6	2
Math. E-18 (Trigonometry) .....	3	0	2
Math. E-10 (Algebra) .....	5	0	4
Slide Rule E-12 .....	1	0	1
<b>SECOND SEMESTER</b>			
Religion 11x or Phil. E-13x .....	2	0	2
English 10, 11, 19 .....	4	0	4
Mechanical Drawing E-1 .....	1	6	2
Math. E-18 (Trigonometry) .....	3	0	2
Chemistry E-10 .....	4	4	4
Math. E-12 (Analytic Geom.) .....	5	0	4
Descriptive Geom. E-10 .....	0	9	3

### Sophomore Year

FIRST SEMESTER	Lectures	Lab.	Semester Credits
Religion .....	2	0	2
or			
Philosophy .....	2	0	2
English 20, 21, 31 .....	5	0	5
Math. E-24a (Differential Calculus) .....	4	0	4
Physics E-10 .....	4	4	5
Drawing E-20 .....	1	6	2
<b>ELECTIVES:</b>			
Elementary Surveying E-22 .....	1	1½	1½
Accounting 200 .....	3	0	2
Chemistry E-22 .....	1	6	3
Chemistry E-12a .....	1	6	2

## SECOND SEMESTER

	Lectures	Lab.	Semester Credits
Religion or Phil. ....	2	0	2
English 20, 21, 31 .....	4	0	4
Math. E. 24b (Integral Calculus) ....	4	0	4
Physics E-10 .....	4	4	5
Descriptive Geometry E-21 .....	1	6	2
<b>ELECTIVES:</b>			
Philosophy 33x .....	2	0	2
Chemistry E-12b .....	1	6	2
Chemistry E-22 .....	1	6	3
Elementary Surveying E-22 .....	1	1½	1½

N.B. 1.—Catholics will take Religion; non-Catholics, the Philosophical option. Chemical engineering students must take Qualitative Analysis; civil and architectural engineering students take Surveying; others may choose between these options.

N.B. 2.—Students who complete their Pre-Engineering work here satisfactorily are admitted to the University of Detroit for the rest of their course for a degree.

## III.—B. S. IN PHARMACY

### First Year

FIRST SEMESTER	Lectures	Lab.	Semester Credits
Pharmaceutical Ethics 11x .....	2	0	2
Chemistry E-10 .....	4	4	4
English 11 & 31 .....	3	3	3
Math. 10 (Algebra) .....	3	0	3
German 1 (Elementary) .....	3	0	3
Botany Ph. 10 .....	2	6	4
SECOND SEMESTER	Lectures	Lab.	Semester Credits
Chemistry E-10 .....	4	4	4
Zoology Ph-10 (Elementary) .....	4	4	4
Eng. 11 & 31 .....	3	3	3
German 1 (Elementary) .....	3	3	3
Anatomy 10x .....	2	6	4

N.B.—Students may transfer for their second and third years to: Detroit College of Pharmacy. There they will be awarded a B. S. in Pharmacy.

## IV.

### PRE-MEDICAL: (COMBINED DEGREE IN ARTS AND MEDICINE.)

(For American Universities)

#### Freshman

First Semester	Credit Hours	Second Semester	Credit Hours
Biology, 12A .....	4	Biology 12B .....	4
English 10 and 11 .....	3	English 10 and 11 .....	3
French or German M-10 .....	4	French or German M-10 .....	4
College Algebra 10A .....	3	College Trig. 18A .....	3
*Religion 11X .....	2	Religion 11X .....	2
	<hr/> 16		<hr/> 16

### Sophomore

Chemistry E-10 .....	4	Chemistry E-10 .....	4
English 20 and 21 .....	3	English 20 and 21 .....	3
Philosophy 20 .....	3	Philosophy of Science .....	3
Physics M-10A .....	4	Physics M-10B .....	4
*Religion 21XA .....	2	Religion 21XB .....	2
	—	Speech (Eng. 19) .....	2
	16		—
			18

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### Junior

Chemistry M-33 .....	4	Chemistry M-33 .....	4
Economics 20 .....	3	Sociology 28B .....	3
Philosophy .....	3	Philosophy .....	3
Philosophy .....	3	Complementary Courses .....	6
Complementary Course .....	3		—
	16		18
			16

\*Non-Catholics are not required to take the usual courses in Religion but must take 2 hours in Rational Foundations of Religion.

## V.

### TWO-YEAR PRE-DENTAL SCHEDULE OF COURSES. (For American Universities)

#### Freshman

First Semester	Credit Hours	Second Semester	Credit Hours
Biology 12A .....	4	Biology 12B .....	4
Chemistry E-10 .....	4	Chemistry E-10 .....	4
English 10, 11 and 19 .....	4	English 10, 11 and 19 .....	4
Mathematics 10A .....	3	Mathematics 18A .....	3
*Religion 11X .....	2	*Religion 11X .....	2
	—		—
	17		17

#### Sophomore

First Semester	Credit Hours	Second Semester	Credit Hours
Chemistry M-33 .....	4	Chemistry M-33 .....	4
English 20 and 21 .....	3	English 20 and 21 .....	3
Philosophy 20 .....	3	Philosophy 20 .....	3
Physics M-10A .....	4	Physics M-10B .....	4
Religion 21X, or Complimentary Course .....	2	Religion 21X or Complemen- tary Course .....	2
	—		—
	16		16

\*Non-Catholics are not required to take the usual courses in Religion but must take 2 hours in Rational Foundations of Religion.

## VI.

### B.S. DEGREE IN THE SCIENCE OF MEDICAL TECHNOLOGY

This curriculum of **FOUR YEARS** leads to a degree in Medical Technology. The courses below meet the requirements of the Registry of Medical Technologists of the American Society of Clinical Pathologists.

#### First Year

Semester Credits	Semester Credits
Religion .....2	Religion .....2
General Biology .....4	General Biology .....4
English .....3	English .....3
Speech .....1	Speech .....1
General Chemistry .....4	General Chemistry & Qual.....4
American History .....3	American History .....3
—	—
17	17

#### Second Year

Semester Credits	Semester Credits
Religion .....2	Religion .....2
Histology .....2	General Bacteriology .....4
Immunology .....2	Survey of Literature .....3
Survey of Literature .....3	Trigonometry .....3
College Algebra .....3	Quantitative Chemistry .....4
Quantitative Chemistry .....4	—
—	16
16	

N.B.—Students may transfer to Mercy College of Detroit for completion of this curriculum and to fulfill the requirements for the Bachelor's degree.

## VII.

### B.S. DEGREE IN THE SCIENCE OF FOODS AND NUTRITION

This curriculum is designed to meet the needs of those who wish to become dieticians in hospitals or other institutions; food-analysts in commercial and clinical fields; or dietetic administrators. This course involves **FOUR YEARS OF COLLEGE** plus **one year** of internship in an approved hospital. All demands of the American Dietetic Association are met by this course.

#### First Year

Semester Credits	Semester Credits
Religion .....2	Religion .....2
English .....3	English .....3
Speech .....1	Speech .....1
German .....4	German .....4
General Biology .....4	General Biology .....4
General Chemistry .....4	General Chemistry .....4
General Chemistry .....4	& Qual. Chem. ....4

## Second Year

	Semester Credits		Semester Credits
Religion .....	2	Religion .....	2
Survey of Literature .....	3	Survey of Literature .....	3
Elements of Economics .....	3	Elements of Economics .....	3
Physiology .....	3	General Bacteriology .....	4
Quantitative Chemistry .....	4	Organic Chemistry .....	4
Philosophy .....	3	Philosophy .....	2

N.B.—The last two years of this course may be completed for the degree at Mercy College of Detroit.

## VIII.

### B.S. IN NURSING

This course is designed to fit the needs of those who seek a BACHELOR OF SCIENCE degree in NURSING. It is a FIVE YEAR course. The last three years may be pursued at MERCY COLLEGE of Detroit.

	Semester Credits		Semester Credits
Religion .....	2	Religion .....	2
English .....	6	English .....	6
Philosophy .....	6	Logic .....	2
Biology .....	6	Psychology .....	2
Mathematics .....	6	Sociology .....	6
History .....	6	Bacteriology .....	6
	—	Public Speaking .....	2
	32	Chemistry .....	6
			32

## IX.

### B.S. DEGREE IN RADIOLOGICAL TECHNOLOGY

This FOUR YEAR COURSE is designed for those who desire to become X-Ray Technicians. The demands of the American Registry of X-Ray Technicians are satisfied by this course.

#### First Year

	Semester Credits		Semester Credits
Religion .....	2	Religion .....	2
General Biology .....	4	General Biology .....	4
English .....	3	English .....	3
General Chemistry .....	4	General Chemistry & Qual. ....	4
Speech .....	1	Speech .....	1
American History .....	3	American History .....	3

## Second Year

	Semester Credits		Semester Credits
Religion .....	2	Religion .....	2
Vertebrate Anatomy .....	3	Physiology .....	3
Organic Chemistry .....	4	Organic Chemistry .....	4
College Algebra .....	3	Trigonometry .....	3
Sociology .....	3	Social Problems .....	3
Philosophy .....	3	Philosophy .....	2

N.B.—The last two years of this course may be completed for the degree at Mercy College of Detroit.

## X.

### B.S. DEGREE IN MEDICAL RECORD LIBRARY SCIENCE.

The following FOUR YEAR curriculum meets all the requirements of the Committee on Clinical Records of the American Hospital Association and of the Committee on the Training of Medical Librarians of North America.

#### First Year

	Semester Credits		Semester Credits
Religion .....	2	Religion .....	2
English .....	3	English .....	3
American History .....	3	Speech .....	2
General Biology .....	4	American History .....	3
Speech .....	1	General Biology .....	4
Philosophy .....	3	Philosophy .....	3
	16		16

#### Second Year

	Semester Credits		Semester Credits
Religion .....	2	Religion .....	2
Survey of Literature .....	3	Survey of Literature .....	3
Vertebrate Anatomy .....	3	General Bacteriology .....	4
Physiology .....	3	Social Problems .....	3
Introduction to Sociology .....	3	Philosophy .....	3
Philosophy .....	3	English Electives .....	2
	15		17

N.B.—The last two years of the curriculum for the degree may be taken at Mercy College of Detroit.

Proficiency in stenography and typewriting is required before the student registers for the third year. Non-credit courses enabling one to attain this proficiency may be taken during the first two years.



## Description of Courses

### **Department of Zoology and Applied Biology**

N.B.—This department offers courses of instruction in completing or partially completing the following important fields:—

1. Pre-Medical, Pre-Dental, Pre-Osteopathy, Pre-Veterinary.
2. Laboratory (Medical) Technician.
3. Nurse.
4. Pharmacist.
5. Optometry.
6. Science Teacher.
7. Dental Hygienist.
8. Doctor's and Dentist's Assistants.
9. X-ray Technicians.
10. Dietician.

**BOTANY 10:** for students of the General Course, Group 1; a course dealing with the general principles of Botany. 2 lectures and 3 laboratory hours per week: 3 credits.

**Ph. 10:** 2 lectures and 6 laboratory hours per week: 4 semester credits.

**10. Introductory Botany:** for students of the General Course, Group I; the general principles of Botany. **To qualify for the Honor Courses in Biology a student must obtain 60 per cent. in Botany 10.**

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

Prerequisites: complete college entrance requirements.

**Pharmacy 10:** 2 lectures, 6 laboratory hours; 4 credits.

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

**22b. Plant Physiology:** the relationship between plants and their surroundings, and some of the functions of the organs of plants.

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

Prerequisite: see Botany 25a.

Text-books: Seifriz, *Physiology of Plants.*

**25a. Plant Culture:** the elementary principles of plant growth, propagation and care with particular reference to

plants of the garden and home. Designed to serve as an approach to more detailed courses in horticulture and plant breeding, the lecture and laboratory assignments will provide the student with a satisfactory practical and theoretical knowledge which will make possible the better appreciation and use of botanical subjects in the landscaping and general beautification of his surroundings.

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

Prerequisites: Botany 10 or Biological Science 11 (60%) or Botany 11N (60%).

**31a. Plant Diseases and Fungi:** the recognition of poisonous and edible fungi and the identification, cause and control of common plant diseases.

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

Prerequisites: Botany 24a and 22b, or Botany 10 or Botany 11N (60%), or Biological Science 11 (60%).

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

**36b. Elementary Bacteriology:** the common economic organisms in reference to water, food supplies, public health, and civic problems. Prescribed for second year students in Home Economics: optional for others.

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

Prerequisites: as in 31a.

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

**43. Plant Ecology and Taxonomy:** the recognition and classification of the common garden and field plants with special reference to adaptation to their environment.

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

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

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

## ZOOLOGY

**10. Elementary Zoology:** the principles of Animal Biology, illustrated by typical animal forms. First term, Invertebrate; second terms, Vertebrate. **To qualify for the Honor Courses in Biology a student must obtain 60% in Zoology 10.**

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

Prerequisite: complete college entrance requirements.

Text-book: Wolcott, *Animal Biology*.

Ph. 10: 4 lectures and 4 Laboratory hours: 14 semester cadets.

**20. Human Biology:** a course dealing with tissues, organs and systems from the structural, functional and developmental points of view. Protoplasm and the cell and genetics

with its relationship to evolution and to society will be emphasized. 20a may be elected for 2 credits, but 20b cannot be taken without 20a.

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

Prerequisites: Biol. Sc. 11 (60%) or Zool. 10.

## ***Invertebrate and Vertebrate Zoology***

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

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

11. **PHYSIOLOGY:** a course which deals with the common fact of human structure, function and hygiene. For Freshmen only.

2 lectures per week: 1 credit.

20. **HUMAN BIOLOGY:** a course dealing with tissues, organs and systems from the structural, functional and developmental point of view. Protoplasm and the cell and genetics with its relationship to evolution and to society will be emphasized.

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

36. **ELEMENTARY PRINCIPLES OF GENETICS:** inheritance. 36a

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

may be taken for 2 credits, but it is a prerequisite for 36b.

Prerequisite: Zoology 10 or Biol. Sc. 11 (60%).

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

36. **ELEMENTARY PRINCIPLES OF GENETICS:** inheritance.

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

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

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

12a. **BIOLOGY-COLLEGE ZOOLOGY:** A presentation of the great fundamental principles of biology. Some of the topics covered in the course are as follows: Cell structure; Physiology, Reproduction, Embryology, Genetic, Ecology,

Paleontology, Endocrinology and Evolution. The relationship of these great principles to humanity is stressed.

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

For Pre-Medical; Pre-Dental, Pre-Osteopathy, Science majors, Nurses, Technicians.

12b. **BIOLOGY: COLLEGE BOTANY:** A course dealing with the properties and activities of protoplasm and the anatomy and physiology of roots, stems, leaves, flowers and fruits. Then carefully selected type forms are studied as to their taxonomy, structure, growth, reproduction, ecology and economic importance of the Thallophytes, Bryophytes, Pteridophytes and Spermatophytes. The lecture and laboratory requirements are the same as in course Biology 12a.

**ANATOMY 10x: Human Anatomy**—This course covers the structures and functions of the human body. The Laboratory work consist of carefully selected physiology experiments, and dissection of anatomical structures with a complete study of osteology.

2 lectures and 6 laboratory hours per week: 4 credits.

For Nurses, Pharmacist, Technician, Doctor & Dentists Assistants, Optometrist.

**OSTEOLOGY, 10x:** The lectures and laboratory work consists of a study of the bones of the human body from both gross and microscopic standpoint.

1 lecture and 3 laboratory hours per week: 1 credit.

For Pre-Medical, Pre-Dental, Pre-Osteopathy. Strongly recommended for Nurses.

**ANATOMY 20x: Comparative Anatomy**—This course deals with a comparison of vertebrate structures with one another and with that of the human being. The laboratory work consists of a complete dissection of carefully selected type vertebrate animals.

2 lectures and 6 laboratory hours per week: 4 credits.

For Science majors; Pre-Medical, Pre-Dental, Pre-Osteopathy.

**ENDOCRINOLOGY 10x:** The lecture and laboratory work covers the ductless glands of the body from the standpoint of morphology, Physiology and pathology. Therapeutic value of hormones are stressed.

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

For Nurses, Pharmacist, Technicians and Science majors.

**HISTOLOGY 10x: Elementary Histology**—Lectures and laboratory work consists of a detailed study of the following adult tissues: Epithelium; Muscles, Blood, Nerve and Connective tissue.

2 lectures and 6 laboratory hours per week: 4 credits.

For Nurses, Technicians, Science majors, Optometry, Pre-Medical, Pre-Dental.

**HISTOLOGY 20x: Advanced Histology**—The lecture and laboratory work consist of a detailed study of the organs and organ systems of the body.

2 lectures and 6 laboratory hours per week: 4 credits.

**EMBRYOLOGY 10x: Vertebrate Embryology**: The lecture and laboratory work in this course consist of a study of the development of such vertebrates as Amphioxus, Frog, Chick and Human. Special emphasis is placed on prenatal and post natal human development.

2 lectures and 6 laboratory hours per week: 4 credits.

For Nurses, Pre-Medical, Pre-Osteopathy and Technicians, Science majors.

**PHYSIOLOGY 10x: Human Physiology**—This course covers the great fundamental principles concerned with the functions of the human body. The laboratory work consist of about 26 carefully selected experiments which illustrate the work covered in the lectures.

2 lectures and 6 laboratory hours per week: 4 credits.

For Technicians, Science majors, Pre-Medical, Pre-Dental and Pre-Osteopathy.

**BACTERIOLOGY 10x**: This course is divided into three parts. Part one deals with classification, examination, identification, cultivation and staining of bacteria and the methods of sterilization. Part two deals with the body defenses against infection, study of toxins, antitoxins, sera, vaccines and immunity. The last part deals with specific pathogenic bacteria as the morphology, cultivation, etiology, pathology and serology.

2 lectures and 6 laboratory hours per week: 4 credits.

For Nurses, Pharmacist, Technicians, Doctor & Dentist Assistants, Optometry.

**CLINICAL ANALYSIS 11x**: The lecture and laboratory work consist of a study of the various body fluids such as saliva, blood, normal and pathological urine, feces, sputum and gastric analysis.

2 lectures and 6 laboratory hours per week: 4 credits.  
For Pharmacist, Nurses, and Technicians, Doctor &  
Dentist Assistants.

BIOTECHNIQUE 10x: The lectures and laboratory work consist of a study of the common methods of preparing histological slides from living tissues.

1 lecture and 6 laboratory hours per week: 3 credits.

For Technicians, Science majors, Doctor & Dentist Assistants. Pre-Medical, Pre-Dental.

HYGIENE 20x: Hygiene—The lectures in this course cover the application of the principles of physiology to living in a healthy state. The course includes both external and internal hygiene.

3 lectures per week: 3 credits.

For Nurses, Pharmacist, Technician and Doctor & Dentist Assistants.

MATERIA MEDICA 11x: The lectures cover the more important plant and animal drugs. The source, habitat, constituents and official preparation are discussed. Special attention is paid to the posology and therapeutics of each drug.

3 lectures per week: 3 credits.

For Pharmacist and Nurses.

PHARAMACOLOGY 10x: The lectures cover the action and effects of drugs upon the human body. The laboratory work consists of experimental observation of the effects of drugs upon frogs, white rats, guinea pigs and rabbits.

3 lectures and 6 hours of lab. per week: 5 credits.

For Science majors, Pharmacists, and recommended for Nurses.

GENETICS 20x: A study of the laws and principles governing the likenesses and differences between parent and offspring.

2 lectures per week: 2 credits.

For Science majors.

EVOLUTION 20x: The lectures cover the arguments for and against evolution. The more important theories of evolution are critically evaluated.

2 lectures per week: 2 credits.

For Science majors.

**BIOLOGY 21x: History of Biology**—The lectures cover the more important lives and works of the great European and American scientists.

2 lectures per week: 2 credits.

For Science majors.

**PHYSIOLOGY 25x:** A study of the fundamentals of vertebrate physiology with special reference to the human.

Lecture: 2 hours; laboratory, 2 hours: 3 credits.

**ANATOMY 25x:** A course of lectures and demonstrations in the anatomy of vertebrates with special reference to the mammalia.

Lecture: 2 hours; laboratory, 2 hours: 3 credits.

**BACTERIOLOGY 20x: (Medical Bacteriology)** — The methods essential to the study of bacteria and to their identification are considered with special reference to the micro-organism involved in disease.

2 lectures, and 4 hours lab.: 4 credits.

**IMMUNOLOGY 20x:** Lectures on infection and resistance, and the historical and current views of the nature and mechanism of immunity.

2 lectures: 2 credits.

### APPLIED BIOLOGY

**23 Biological Field-Studies:** a course designed to provide an understanding contact with Nature. Field observations and collections from field trips will form the background of the course. Common Ontario trees, shrubs and birds, local fur-bearers, water-life and representative insects and their relatives will be studied from the point of view of life-history, economic importance, conservation possibilities and scientific identification.

4 class hours a week: 3 credits.

Prerequisite: Biological Science 11 (60%) or its equivalent.

**40a. Arthropoda:** comparative morphology, postembryonic development and economic importance of typical representatives of the main arthropod groups.

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

Prerequisite: Zoology 20.

40b **Hexapoda:** morphology, organ systems and elementary classification of insects; life-history studies of insects of major economic importance.

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

Prerequisite: Zoology 20.

N.B.—In keeping with the demands of the armed Services, this department offers to its students a specialized scientific training. A student may pursue either one but not both of these courses. Each course lasts for one whole year of **three semesters** of twelve weeks each. For entrance, a student must present a certificate of High School Graduation and a recommendation from his High School Principal.

## ***Department of Business Administration***

20. **Introduction to Business Organization:** general business organization, promotion of business enterprises, business finance, industrial management, marketing, administration controls.

3 hours a week: 3 credits.

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

2 hours a week: 2 credits.

36. **Business Mathematics:** first term: use of fractions, billing, trade discounts, customs, bank discount, foreign exchange, rapid calculation; second term: compound interest, annuities, bonds, asset evaluation.

2 hours a week: 2 credits.

### **Honor Courses**

250. **Accounting:** bookkeeping and financial statement procedure, including the development of modern accounting records, special journals, work sheets and working papers and an introduction to partnership and corporation accounting.

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



## Department of Chemistry

10. GENERAL CHEMISTRY: for Junior Group 1; lectures and laboratory work. The laboratory work consists of experiments covering the principles of General Chemistry, and Qualitative Analysis. **To qualify for Honour Courses in Chemistry a student must obtain 60 per cent. in Chemistry 10.**

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

Text-books: Deming, General Chemistry (Wiley); Belcher and Williams, Qualitative Analysis (Houghton Mifflin). Dunbar, General Chemistry (Longmans); Partington, College Course of Inorganic Chemistry (Macmillan).

E-10. General and Inorganic Chemistry. Non-metals, metals, and their compounds; principles of Qualitative Analysis.

4 lectures, 6 laboratory hours a week: 4 credits each semester.

E12a. QUALITATIVE ANALYSIS: a laboratory course covering the principles of Qualitative Analysis. The qualitative determination of the common cations, and anions by **macro** methods.

1 hour lecture and 6 hours laboratory a week for one semester.

Text: Prescott and Johnson's Qualitative Chemical Analysis (McAlpine and Soule)

E12b. QUALITATIVE ANALYSIS: a laboratory course covering the principles of the Qualitative Analysis of the common metals and acids by **semi-micro** methods.

1 hour lecture and 6 hours laboratory a week for one semester.

Text: Semi-Micro Qualitative Analysis, Engelder.

CHEMISTRY E-22. QUANTITATIVE ANALYSIS: a laboratory course covering the principles of Quantitative Chemical Analysis by gravimetric, volumetric and precipitation methods; gas analysis. Various standard methods of the American Society for Testing Materials; calculation of Quantitative Chemical Analysis.

1 lecture, 6 laboratory hours a week each semester: 3 credits.

Texts: George McPhail Smith, Quantitative Chemical Analysis; Hamilton and Simpson, Calculations of Quantitative Chemical Analysis; A.S.T.M. Committee D-2, Methods of Tests Relating to Petroleum Products.

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

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

Prerequisite: Chemistry 10.

M-22. Same as above, but 4 lectures, 6 laboratory hours: 4 credits.

33. **Organic Chemistry:** lectures dealing with the aliphatic and aromatic hydrocarbons and their derivatives. Prescribed for Home Economics students.

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

Prerequisite: Chemistry 10, 22.

Text-books: Burns, *Laboratory Manual in Organic Chemistry*.  
Fuson et al, *A Brief Course in Organic Chemistry* (Wiley).

M-33. 3 lectures and 6 Lab. Hrs. per week, each semester. Chemistry of the acyclic compounds and a brief survey of cyclic compounds. Chemistry of the cyclic compounds with readings and assignments on selected topics.

44 **Physical Chemistry:** a descriptive and non-mathematical treatment of the principles which govern reactions in chemical systems.

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

Prerequisites: Chemistry 10, 22, 33.

46a. **Elementary Biochemistry:** prescribed for Home Economics students.

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

Text-book: Bodansky, *Introduction to Physiological Chemistry* (Wiley).

46b. **Applied Biochemistry and Food Analysis:**

1 lecture and 5 laboratory hours a week: 1½ credits.

Prerequisites: Chemistry 22, 33.

Text-books: Thorpe, *Biochemistry* (Churchill).  
Woodman, *Food Analysis* (McGraw Hill).  
Halliday and Noble, *Food Chemistry and Cookery* (Chicago Press).

## *Department of Classics*

### LATIN

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

General Course students may find Allen's Elementary Latin Grammar (Clarendon Press) sufficient.

10. Selections from Latin Prose and Poetry; composition and sight translation.

3 hours a week: 3 credits.

Prerequisite: Grade XII or Middle School Latin.

Text-books: Neville et al., *A Book of Latin Prose, Part II* (Macmillan).  
Neville et al., *A Book of Latin Poetry, Part II* (Macmillan).  
Bonney and Niddrie, *Latin Prose Composition* (Ginn).

20. *Martial; Pliny; Virgil, Aeneid VI*; composition; sight translation.

3 hours a week: 3 credits.

Prerequisite: Latin 10 or Upper School Latin.

Text-books: Kennedy, *Martial and Pliny* (Cambridge).  
Page, *Virgil, Aeneid VI* (Macmillan).  
Arnold, *Latin Prose Composition* (Longmans).

25x. INTRODUCTION TO MEDIAEVAL LATIN: Cicero, *De Amicitia*; St. Ambrose, *Hymns and Homilies*; St. Augustine, *Confessions*; a comparative study of the thought and style of Cicero and St. Augustine; syntax and composition.

3 hours a week: 3 credits.

30. Cicero, *Orations against Cataline*, I, IV; Catullus; Virgil selections from the *Bucolics and Georgics*; composition, sight translation.

3 hours a week: 3 credits.

Prerequisite: Latin 20.

Text-books: Greenough and Kittredge, *Cicero, Six Orations* (Ginn).  
Page, *Virgil, Bucolics and Georgics* (Macmillan).  
Simpson, *Select Poems of Catullus* (Macmillan). ...

35x. SURVEY OF MEDIAEVAL LATIN: from the death of St. Augustine to the 12th Century; lectures on Latin style and culture of the period; syntax and composition.

3 hours a week: 3 credits.

Text-book: Harrington, *Mediaeval Latin*.

39. LATIN LITERATURE IN ENGLISH TRANSLATION: a survey of Latin Literature for those without a reading knowledge of Latin.

1 hour a week: 1 credit.

Text-books: Mackail, *Latin Literature* (Macmillan).  
The Complete Works of Horace (Modern Library).  
Virgil's Works (Modern Library).

40. Virgil, *Aeneid I-VI*; Horace, *Satires, Epistles*; Juvenal, *Satires*, composition, sight translation.

3 hours a week: 3 credits.

Prerequisite: Latin 30.

Text-books: Morris, *Horace, Satires and Epistles* (American).  
Hardy, *Juvenal* (Macmillan).  
Page, *Virgil, Aeneid I-VI* (Macmillan).

45x. SURVEY OF MEDIAEVAL AND RENAISSANCE LATIN: from the 12th Century to the present; lectures on Latin style and culture; syntax and composition.

3 hours a week: 3 credits.

Text-book: Harrington, *Mediaeval Latin*.

## GREEK

1. **ELEMENTARY GREEK:** a preparatory course leading up to the standard of Matriculation (omitting Homer) for those who wish to begin the study of Greek after entering the University.

In order that this course may count for credit towards a degree Greek must be studied for three years. Art students, on completing this course, will take Greek 10 and 20. Theological students, on completing this course, will take Greek 25 and 35.

3 hours a week: 3 credits.

Prerequisite: Complete college entrance without Greek.

Text-books: White, *First Greek Book* (Ginn).  
Phillpotts and Jerram, *Easy Selections from Xenophon*, Chapters 4, 5 (Macmillan).  
Colson, *Greek Reader*, Pt. IV (Macmillan).

10. Xenophon, *Hellenica* (Selections); Colson's *Greek Reader Part VIII*; composition; sight translation.

3 hours a week: 3 credits.

Prerequisite: Grade XII Greek or Greek 1.

Text-books: Phillpotts, *Selections Adapted from Xenophon*, Sections IV, V, VI (Oxford).  
Colson, *Greek Reader* (Macmillan).  
North and Hillard, *Greek Prose Composition* (Copp, Clark).

20. Plato, *Crito*; Euripides, *Alcestis*; Xenophon, *Oeconomicus*; Demosthenes, *In Cononem*; composition, sight translation.

3 hours a week: 3 credits.

Text-books: Burnet, *Plato Euthyphro, Apology and Crito* (Oxford).  
Sewell, *Xenophon, Oeconomicus* (Cambridge).  
Swift, *Demosthenes, Against Conon and Callicles* (Methuen).  
North and Hillard, *Greek Prose Composition* (Copp, Clark).

29. **GREEK LITERATURE IN ENGLISH TRANSLATION:** a survey of Greek literature for those without a reading knowledge of Greek.

1 hour a week: 1 credit.

30. Plato, *Apology*; Aristophanes, *Clouds*; Homer, selections from the *Iliad* and the *Odyssey*; lectures on the social religious and political life of Athens in the fifth century, B.C.; composition; sight translation.

3 hours a week: 3 credits.

Text-books Burnet, *Plato, Euthyphro, Apology and Crito* (Oxford).  
Merry, *Aristophanes, Clouds* (Oxford).  
Rennie, *Selections from Homer* (Arnold).  
Wainwright, *Homer, Iliad, Bk. I* (Bell).

40. Aeschylus, *Prometheus Vincetus*; Euripides, *Medea*; Sophocles, *Oedipus Tyrannus*, *Antigone*; lectures on the theatre and the development of the drama; composition; sight translation.

3 hours a week: 3 credits.

Prerequisite: Greek 30.

Text-books: Headlam, *Euripides, Medea* (Cambridge).  
Prickard, *Aeschylus, Prometheus Vincetus* (Oxford).  
Jebb, *Sophocles, Oedipus Tyrannus* (Cambridge).  
Jebb, *Sophocles, Antigone* (Cambridge).

## *Department of Economic and Political Science*

20 **Introduction to Economics**: the elementary economic concepts; production, exchange, consumption and distribution of wealth; money and banking; business cycle; international trade; labour problems; public finance; government regulation; the evolution of our economic system and its legal setting at the present time.

3 hours a week: 3 credits

Text-book: Logan and Inman, *A Social Approach to Economics* (Toronto Press).

28. **Introduction to Sociology: first term**: an analysis of group life, social contacts, social interaction, social forces, social conflicts, accommodation, assimilation, amalgamation, collective behavior and social control; second term: applied sociology; sociological approach to the study of modern social problems; social factors of individual and group disorganization, private and public ameliorative institutions, social case work, social legislation, social reconstruction, social security, social control.

3 hours a week: 3 credits.

30b. **Civics**: an analysis of Canada's current economic, political and sociological problems: the effect of World War II upon the Canadian economy. Lectures, assigned readings and reports.

3 hours a week: 1½ credits.

32a. **Introduction to Political Science**: the state, its origin, form and activities, and the working of governments, particularly those of the United Kingdom, Canada, the United States, France and Switzerland. Reference will also be made to the government of the new states of Central Europe, and to the League of Nations.

3 hours a week: 1½ credits.

**32b. Dictatorships and Socialism:** a critical study of Socialism, Communism and Fascism; an examination of the economic and political systems of Germany, Italy and the Soviet Union.

3 hours a week: 1½ credits.

**33. Money and Banking:**

Part 1. Monetary systems, characteristics and functions of money; banking organization and practice; central banking organization and operation in Canada, United States and England; other financial institutions; the principles and mechanism of international payments.

Part 2. Monetary theory, long run theories, short run theories; development of short run economics, the bullion controversy, the banking and currency schools, contemporary European monetary theories; policies and practices of central banks; monetary and economic ideals and palliatives; economic equilibrium in international exchange.

3 hours a week: 3 credits.

**35a. Statistical Methods:** an introduction to statistical methods applied to Economics; graphical methods and tabulation; frequency distributions; measures of central tendency; measures of variability; probability; the normal curve; correlation, linear, non-linear, partial and multiple; reliability and validity; analysis of time series; index numbers.

3 hours a week: 1½ credits.

**37a. Economic development of Russia:** a survey of the development of the Russian Nation in its economic, political and cultural aspects.

3 hours a week, first term: 1½ credits.

**37b. Economic and Political Organization of the Soviet Union:** a survey of the structure and function of the Soviet State, and its place in the community of nations.

3 hours a week, second term: 1½ credits.

**38a. Social Anthropology:** a systematic study of the nature, form and function of primitive social groups in their natural environment; the genesis and development of social institutions and of the various cultural products, such as primitive customs, folkways, mores, religion, art, mythology. The course provides a point of view and a method for the study of the evolution of modern society.

3 hours a week: 1½ credits.

39a. **Rural-Urban Sociology:** a study of the differentiation and integration of rural and urban populations and an analysis of the various factors affecting their social welfare.

3 hours a week:  $1\frac{1}{2}$  credits.

42a. **Municipal Affairs:** a detailed examination of the laws governing Municipal Government in Ontario; the powers of Municipal Councils and other municipal bodies; assessment and taxation.

3 hours a week:  $1\frac{1}{2}$  credits.

Text-book: *The Municipal Act, The Assessment Act (Ontario).*

42b. **Comparative Municipal Government and Municipal Problems:**

(1) A general study of municipal government in England, United States, France, Switzerland, etc., and the various Canadian provinces;

(2) Municipal services and problems, such as Finance, Welfare, Traffic, Public Safety, Administration of Justice.

3 hours a week:  $1\frac{1}{2}$  credits.

45a. **Introduction to the Mathematical Treatment of Economics:** the application of mathematical analysis to the statement of fundamental economic principles, with the object of acquainting the student with elementary techniques used in modern economic literature.

3 hours a week:  $1\frac{1}{2}$  credits.

46. **Labor, Theory and Problems:** the study of the organized labor movements in Europe, in the United States and in Canada; the forms of labor organizations, their economic problems; the problems of unemployment, wages, hours of labor; the problems of child labor; industrial accidents, industrial conflicts, conciliation, mediation, arbitration; the trends in modern labor legislation.

3 hours a week: 3 credits.

47b. **International Relations:** the problems arising from the absence of world government; economic harmonies and conflicts; Nationalism, Militarism, Imperialism; the causes of war and the efforts to avoid it; diplomacy, arbitration, the League of Nations, the World Court, International Law.

3 hours a week:  $1\frac{1}{2}$  credits.

48a. **Population Problems:** the history of population theories; the quantitative and qualitative aspects of popula-

tion; the problems of race-mixing; the racial capacity for progress; race-relations; population movements, migration, invasion, immigration, emigration, the amalgamation of races, the problems of eugenics and euthenics.

3 hours a week: 1½ credits.

49b. **Crimonology:** the causes and the extent of crime; critical analysis of the different schools of criminology and penology; the methods of treatment of crime; prison work; the honor system; self-government; indetermined sentence; probation and parole.

3 hours a week: 1½ credits.

### Honor Courses

228. Identical with 28.

232a. Identical with 32a.

233. Identical with 33.

251b. **Transportation and Communication: Trade Centres and Trade Routes...** The course deals with the problem of transportation and communication in its geographic, economic, and cultural aspects. Main topics are: analysis and functional structure of the trade centre, the geographic bases of trade, the world shipping industry, inland waterways, the Great Lakes-St. Lawrence problem, competition of transportation companies, rate-making theory and practice, highways, airways, communications, and the transportation problem of Canada.

2 hours a week: 1 credit.

257a. **Economic History of Europe:** the economic foundations from antiquity, the developments of the Middle Ages, Mercantilism, the Industrial Revolution, laissez faire and Economic Nationalism.

2 hours a week: 1 credit.

257b. **Economic History of North America:** a survey of the geographical and historical conditions which have given rise to the current economic problems of the United States and Canada.

2 hours a week: 1 credit.

259. **Economic Geography:** its social and commercial aspects; the course deals with the geographic factors of climate, soils, natural vegetation, etc., in relation to commercial



production. A systematic approach to the agricultural regions of the world is presented with special emphasis on North America and the British Empire. Other units of investigation are: products of the sea, products of the earth's crust, products of the forests, production of power, and the manufacturing regions of the world.

2 hours a week: 2 credits.

300b. **Economic Theory:** a survey course with particular reference to problems of value distribution and economic policy.

3 hours a week: 1½ credits.

330b. Identical with 30b.

332b. Identical with 32b.

335a. Identical with 35a.

337a. Identical with 37a.

337b. Identical with 37b.

338a. Identical with 38a.

339a. Identical with 39a.

342a. Identical with 42a.

342b. Identical with 42b.

345a. Identical with 45a.

346. Identical with 46.

347b. Identical with 47b.

348a. Identical with 48a.

350a. **Business Cycles:** booms and depressions, their characteristics and significance, modern theories and possible controls.

3 hours a week: 1½ credits.

351a. **International Trade and Commercial Policies:** international values, foreign exchange, free trade and protection, commercial treaties, quotas and exchange controls.

3 hours a week: 1½ credits.

Text-book: Ellsworth, *International Economics*.

353a. **Business Finance:** the promotion of business enterprises, types of organization, methods of financing, financial controls and dividend policies.

2 hours a week: 1 credit.

Text-book: Gerstenberg, *Financial Organization of Management*.

354a. **Agricultural Economics:** the place of agriculture in economic life, organization for agricultural production, factors chiefly responsible for success or failure, independent and co-operative marketing of agricultural products, the financing of agriculture, government policies and aid.

2 hours a week: 1 credit.

363a. **Investments:** the social significance of investments, tendencies in saving habits, individual and institutional investing, the principles of investments, analysis and evaluation of securities, tendencies in the merits and worth of securities. Not given in 1944-5.

3 hours a week: 1½ credits.

449b. Identical with 49b.

450a. **History of Economic Thought:** a survey of the history of economic theory.

3 hours a week: 1½ credits.

452a. **History of Political Thought:** a survey of the development of political theory from classical period to the end of the eighteenth century.

3 hours a week: 1½ credits.

435b. **Public Finance:** governmental expenditures, revenues, borrowing and debt structures; the shifting and incidence of taxation; government activities and financial policies.

3 hours a week: 1½ credits.

458b. **History of Sociological Thought:** a survey of the development of sociological thought, with emphasis on sociological theories and their relation to other social sciences.

3 hours a week: 1½ credits.

460b. **Modern Economic Theory:** recent developments in pure theory, contemporary economic schools, a critique of economic thought.

3 hours a week: 1½ credits.

462a. **Introduction to Public Administration:** a critical examination of modern political theories with special emphasis on theories of the economic and social functions of the state.

3 hours a week: 1½ credits.

462b. **Public Administration:** social control of business enterprise; a general survey of governmental activities affecting business; the state as entrepreneur and manager; governmental assistance to business; governmental regulation of business in its historical, legal and economic aspects, including recent developments in Canada and elsewhere.

3 hours a week: 1½ credits.

478a. **Methods of Sociological Research:** the types of sociological research, the historical, the case method, the survey, the experimental, the statistical; critical analysis of the various points of view and approach in sociological studies; individual research projects by each student.

3 hours a week, 1 term: 1½ credits.

490b. **Seminar Course:** current economic literature, research.

3 hours a week: 1½ credits.

## *Department of Engineering*

E1. **MECHANICAL DRAWING:** Free-hand lettering, geometrical drawings, screw threads, sections, working drawings, assembly drawings, tracing.

6 hours a week; first term.

E-10. **DESCRIPTIVE GEOMETRY (Part 1):** Principal views; Auxiliary views; Oblique views; Analysis of structures; Straight Lines; Curved Lines.

6 hours a week; second term.

E-21. **DESCRIPTIVE GEOMETRY (Part 2):** Planes; intersections and developments; single curved surfaces; double curved surfaces.

6 hours a week; second term.

E-12. **SLIDE RULE:** Study in the use of the slide rule; drill in its use for engineering calculations.

1 hour a week; first term.

E-20. MECHANICAL DRAWING: Structural and machine drawing; assembly drawing; detail drawings from free-hand sketches; developed surfaces and intersections; tracing and blue printing; warped surfaces; shadows, shades, lettering.

6 hours a week.

E-22 ELEMENTARY SURVEYING: Two hours lecture and three hours laboratory per week. Theory of plane surveying; care and use of instruments. Measurement of corrections for taping; theory of differential levelling and angular measurements; land surveys; Canadian Public Land Subdivisions (which is based on American); measurement of angles and distances of a closed traverse; differential and profile levelling practice; understanding of stadia.

Prerequisite: Trigonometry.

3 credits.

### *Department of English*

10. Shakespeare and Prose Selections.

A. A critical study of:

Shakespeare, *Richard II*; *Henry IV*, Part II; *The Tempest*, *Hamlet*.

B. A careful reading of the following plays:

Shakespeare, *Richard III*, *Henry IV*, Part I, *Antony and Cleopatra*.

Dekker, *The Shoemaker's Holiday*.

C. A careful reading of selections in *English Prose*,  
*Selected English Essays*.

D. A short history of English literature: older drama and prose.

2 hours a week: 2 credits.

Text-books: Deighton's *Shakespeare* (Macmillan), or Kittredge's *Shakespeare* (Ginn), or *The Arden Shakespeare* (Heath); Swan edition of *The Tempest* (Longmans).

Holzknicht and McClure, *Selected Plays of Shakespeare*, Vol I (American).

Modern Library *Shakespeare* (Macmillan).

Dekker, *The Shoemaker's Holiday* (Dent or Nelson).

Legouis, *History of English Literature* (Oxford).

*English Prose*, I, II, III (Oxford).

*Selected English Essays* (Oxford).

11. COMPOSITION: the mechanics of writing; exercises and essays.

1 hour a week: 1 credit.

Text-book: Davis, *Toward Correct English* (Crofts).

19. SPEECH EDUCATION: the principles of public speaking in the practical and familiar types of address; the purposes of speech, such as exposition, belief, persuasion, and entertainment; assignments to test the speaker's ability to select, arrange and deliver extemporaneously and effectively; a brief summary of parliamentary procedure.

1 hour a week: 1 credit.

Text-book: Hayworth, *Public Speaking* (Ronald Press).

20. GENERAL LITERATURE: from Chaucer to the present day.

2 hours a week: 2 credits.

Text-books: McCutcheon and Vann, *An Anthology of English Literature* (Holt).  
Legouis, *A Short History of English Literature* (Oxford).  
Osgood, *The Voice of England* (Harper).  
Shakespeare, *Romeo and Juliet*, *King Lear* (Ginn).  
Sheridan, *The Rivals* (Gregg).  
Scott, *Guy Mannering* (Nelson).  
Thackeray, *Henry Esmond*

21. COMPOSITION AND RHETORIC: relation of material to style; exercises, essays and conferences.

1 hour a week: 1 credit.

Prerequisite: English 11.

30. NINETEENTH CENTURY LITERATURE: from Blake to Arnold.

Essays will be required during the session on subjects connected with the literature read in this course.

3 hours a week: 3 credits.

Prerequisite: English 20, 21.

Text-books: *English Literature of the Romantic Period and the Nineteenth Century*, Vols. I, II and III (Dept. of English, University of Western Ontario).

Austen, *Pride and Prejudice* (Nelson).

Herford, *Age of Wordsworth* (Bell).

Meredith, *The Ordeal of Richard Feverel* (Scribner).

Scott, *The Antiquary* (Nelson).

Trollope, *The Last Chronicle of Barset* (Macmillan or Oxford).

Walker, *Age of Tennyson* (Bell).

31. COMPOSITION, PRACTICAL EXPOSITION: the methods of exposition applied to the report and to the business letter.

2 hours a week: 2 credits.

Prerequisite: English 21.

Text-book: Smart and McKelvey, *Business Letters*, Revised edition (Harper).

40. **RECENT ENGLISH LITERATURE:** poetry since Tennyson and prose since Ruskin.

3 hours a week: 3 credits.

Prerequisite: English 30.

- Text-books
- English Literature of the Romantic Period and the Nineteenth Century, Vols I and II (Dept. of English, University of Western Ontario).
  - Untermeyer, *Modern British Poetry* (Harcourt, Brace).
  - Chesterton, *The Victorian Age in Literature* (Home University Library).
  - H. G. Wells, *Mr. Polly*.
  - Stevenson, *Essays* (Macmillan).
  - Shaw, *Saint Joan* (Macmillan).
  - Short Stories by Modern Writers*, ed. R. W. Jepson (Longmans, Green).
  - A. C. Bradley, *Poetry for Poetry's Sake* (in his *Oxford Lectures*, Macmillan).
  - Selected Modern English Essays* (Oxford).
  - Selected Modern English Essays: Second Series* (Oxford).
  - Essays by Modern Writers*, ed. R. W. Jepson (Longmans, Green).
  - Modern Prose*, ed. A. J. J. Ratcliffe (Nelson).
  - Prose of Our Time*, ed. A. J. J. Ratcliffe (Nelson).
  - F. Swinnerton, *The Georgian Scene* (Everyman's, Dent).

48. **American and Canadian Literature:** prose and poetry; optional for English 40 for students in the fourth year of the General Course; seminars. Given in alternate years; next in 1944-45.

3 hours a week: 3 credits.

Prerequisite: English 20.

20. **Introduction to Geology and Geography:** the earth as the home of man. A study of the natural landscape: weather, climate, land forms, plant and animal distribution, soils, rocks and minerals, ores and metals, the geologic history of the earth. Laboratory work includes map reading, weather forecasting, rock study, fossil identification, etc. Field trips.

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

### Geography

35. **Regional Geography:** a systematic approach to the study of the human geography of the world. The occupation of man in the major geographic subdivisions of the world is studied from the standpoint of climate, natural vegetation, land forms, soil, mineral resources, hydrography, and location. Special emphasis is placed upon North America and the British Empire.

3 hours a week: 3 credits.

**45a. Geography of Canada:** the geographic bases of human occupation in Canada; geology, land forms, and hydrography; climate; fauna and flora; soils. The regional approach is utilized in discussing the economic, political, and social adjustments to the natural environment. Problem work, in which the extensive Canadiana section of the University Library is utilized, constitutes an important phase of the course.

3 hours a week: 1½ credits.

**45b. Conservation of Natural Resources:** conservation is one of the most vital problems the younger generation will be called upon to solve. This course, although designed for the prospective teacher, is of significance to any Canadian citizen. The topics cover a wide range: the Conservation movement in Canada, soil erosion, irrigation, the agricultural prospect, forest conservation, water supplies and water power, inland waters, floods, minerals, sources of energy, wild life, recreation, the Canadian population prospect, planning for the future, and allied topics. Lectures by the instructor will be supplemented by field trips and by talks by authorities in the various fields.

3 hours a week: 1½ credits.

335. Identical with 35.

445a. Identical with 45a.

445b. Identical with 45b.

## **Department of German**

### **General Courses**

1. **Elementary German:** the work of Grade XII (Middle School) or its equivalent is covered.

3 hours a week: 3 credits.

Text-books: Schinnerer, *Beginning German* (Alternate Edition, Macmillan).  
Zeydel, *Graded German Reader for Beginners* (Crofts).

10. **Intermediate German:** the work of Grade XIII (Upper School) or its equivalent is covered.

3 hours a week: 3 credits.

M-10 4 hours: 4 credits.

**Prerequisite:** Grade XII (Middle School) German or German 1.

**Text-books:** Schinnerer, *Continuing German* (Macmillan).  
Froschel, *Himmel, meine Schuhe!* (Heath).  
Kastner, *Die verschwundene Miniatur* (Heath).  
Hagboldt, *Eulenspiegel and Munchhausen* (Heath).  
*Von deutscher Sprache und Dichtung* (Heath).

**20. Advanced German:** translation from modern literary German, grammar, dictation, conversation.

3 hours a week: 3 credits.

**Prerequisite:** Grade XIII (Upper School) German or German 10.

**Text-books:** Fulda, *Hohensonne* (Appleton-Century).  
Meyer, *Guslav Adolfs Page* (Holt).  
Sudermann, *Heimat* (Heath).  
Jordan, *Kultur-Geographie von Deutschland* (Crofts).  
Corbett and Eichele, *Classified Revision Exercises in German* (Harrap).

**30. Outline of Modern German Literature:** from Romanticism to the present.

2 hours a week: 2 credits.

**Prerequisite:** German 20.

**Text-books:** *The Oxford Book of German Verse*.  
Tieck, *Die schone Magelone* (Appleton-Century).  
Grillparzer, *Weh dem, der lugt!* (Oxford).  
Keller, *Die drei gerechten Kammacher* (Heath).  
Sudermann, *Frau Sorge* (Heath).  
Hauptmann, *Hanneles Himmelfahrt* (Prentice-Hall).  
Binding, *Der Opfergang* (Prentice-Hall).

**31. Grammar:** dictation, conversation.

1 hour a week: 1 credit.

**Prerequisite:** German 20.

**Text-book:** Morgan and Mohme, *German Review Grammar and Composition* (Heath).

**39. German Literature in English Translation:** a survey of German literature for students without a reading knowledge of German. Prescribed for students in the third year of the English Language and Literature course; optional in the General Course, senior group B.

1 hour a week: 1 credit.

**Text-book:** Liptzin, *Historical Survey of German Literature* (Prentice-Hall).

**40. Outline of Classical German Literature:**

2 hours a week: 2 credits.

**Prerequisite:** German 30.

**Text-books:** *The Oxford Book of German Verse*.  
Goethe, *Gotz von Berlichingen* (Ginn).  
Goethe, *I phigenie* (Ginn).  
Goethe, *Faust (Part 1)* (Heath).  
Schiller, *Wallenstein* (Holt).

**41. Grammar:** prose composition, conversation.

1 hour a week: 1 credit.

**Prerequisite:** German 31.

**Text-book:** Mueller, *A Grammar of the German Language (Part II)* (Dent).



## Department of History

14. **History of the Americas:** a study of the rise and growth of the various American nations and their relations with one another, against their respective geographical, economic and cultural backgrounds.

3 hours a week: 3 credits.

20a. **Mediaeval History:** lectures, prescribed reading and essays: events and movements in continental Western Europe from the late days of the Roman Empire to the end of the Hundred Years' War in France, to the period of the Golden Bull in Germany and in Italy to the time of the Avignon Captivity. The chief topics are the decline of the Roman State, the Germanic migrations and kingdoms, the Carolingian State, Feudalism, the Church, Towns, the Holy Roman Empire, the developing states.

3 hours a week: 1½ credits.

Text-book: Stephenson, *Medieval History* (Harper).

20b. **The Renaissance and the Reformation:** lectures, prescribed reading and essays; under the Renaissance will be considered the changing attitude toward life, manifesting itself in the new intellectualism, art, science in Italy, Germany and France in particular; the Reformation in Germany and Switzerland.

3 hours a week: 1½ credits.

Text-book: Lucas, *The Renaissance and the Reformation* (Harper).

31. **History of Canada:** lectures, prescribed reading and essays. A survey from the beginning of the French Regime to the present.

2 hours a week: 2 credits.

Text-book: Wittke, *History of Canada* (Longmans).

33a. **The Development of Self-Government in the British Empire-Commonwealth:** lectures, prescribed reading and reports. The lectures will be grouped under the following heads: the breakdown of the old Colonial System and Policy; British Colonial Policy at the beginning of the Nineteenth Century; the Colonial Reformers and the application of their ideas to Canada and to Australasia; the evolution of self-government in Canada, Australasia, South Africa and India; the growth of colonial nationalism and autonomy, culminating in the achievement of Dominion status; the constitution of the Dominion of Canada, of the Australian Commonwealth, of the Union of South Africa, of the Irish Free State and of India.

3 hours a week: 1½ credits.

Text-books: Knaplund, *The British Empire, 1815-1939*.  
Robinson, *Development of the British Empire*.  
Egerton, *Federations and Unions in the British Empire*.  
Egerton, *Short History of the British Colonial Policy*.  
Egerton, *British Colonial Policy in the 20th Century*.  
Scott, *Short History of Australia*.  
Fairbridge, *History of South Africa*.  
Currey, *British Colonial Policy*.

36a. **Modern History (1555-1830):** lectures, prescribed reading and essays. The period from 1555 to 1648 will be covered only to outline the proper background for the Treaties of Westphalia, which provides the setting for modern European History. The French Revolution and the era of Napoleon will be studied as a part of the revolutionary developments of the modern world which made the eighteenth century a sort of half-way house between mediaeval times and the present.

3 hours a week: 1½ credits.

Text-books: Hayes *A Political and Cultural History of Modern Europe, 1500-1830, Vol I* (Macmillan).  
Robinson and Beard, *Readings in Modern European History, Vol. I* (Ginn).  
Shepherd, *Atlas of Medieval and Modern History* (Holt).

36b. **Modern History (1830-1933):** lectures, prescribed reading and essays: the growth of nationalism and democracy in Europe; political and social reform; scientific, social and economic movements; the colonial and commercial expansion of the European nations as the background of the First World War; the peace settlements; post-war international problems.

3 hours a week: 1½ credits.

Text-books: Schapiro, *Modern and Contemporary European History* (Houghton, Mifflin) or Hayes, *A Political and Cultural History of Modern Europe, 1830-1935, Vol II*.  
Robinson and Beard, *Readings in Modern European History, Vol. II* (Ginn).  
Shepherd, *Atlas of Medieval and Modern History* (Holt).

44. **History of the United States:** the colonial period, the revolution, making of the constitution, westward development, the slavery struggle, the Civil War, reconstruction and later political history to the present day; the character of federal and state governments. The period to the Civil War will be covered in the first term and the period since the Civil War in the second term.

Lectures, prescribed reading and essays.

2 hours a week: 2 credits.

Text-book: Muzzey, *History of the American People*.

45. **Mediaeval, Renaissance and Reformation History, and the Wars of Religion:** lectures, essays and prescribed reading. The course is a condensation of History 20a and 20b, with the addition of the Wars of Religion. It may not be chosen by a student who has credit for History 20.

3 hours a week: 1½ credits.

Text-book: Ferguson and Brunn, *A Survey of European Civilization* (Houghton, Mifflin).

46b. **Modern History:** a rapid survey course of Continental Europe from the Wars of Religion to the Peace Settlement following the World War (1648-1925). This course may not be chosen by a student who has credit for History 36.

3 hours a week: 1½ credits.

Text-book: See History 45a.

### *Honour Courses*

236a. **MODERN HISTORY (1555-1830):** for details, see History 36a. Honor students will be required to do special reading and reports in this course.

3 lectures and a seminar a week: 1½ credits.

Prerequisites: Junior Group 3, p. 57.

Text-books: Hayes, *A Political and Cultural History of Modern Europe, 1500-1830, Vol. I* (Macmillan).

Robinson and Beard, *Readings in Modern European History, Vol. I* (Ginn).

236b. **MODERN HISTORY (1830-1933):** for details of course see History 36b. Honor students will be required to do special reading and reports in this course.

3 lectures and a seminar a week: 1½ credits.

Prerequisite: Junior Group 3, p. 57.

Text-books: Hayes, *A Political and Cultural History of Modern Europe, 1830-1935, Vol. II*.

Robinson and Beard, *Readings in Modern History, Vol. II*.

257. **Ancient Civilization:** the Near East, Greece and Rome.

3 hours a week, lectures and seminars: 3 credits.

Text-book: Smith and Moorhead, *A Short History of the Ancient World* (Appleton-Century).

331 **History of Canada:** a survey from the beginning of the French Règime to the present; lectures, prescribed reading and essays.

Students in this course will be expected to do wide reading in *The Cambridge History of the British Empire, Vol. VI; The*

*Chronicles of Canada; The Makers of Canada; Canada and its Provinces*; works on economic history, and standard biographies.

3 hours a week, lectures and seminars: 3 credits.

333a. THE DEVELOPMENT OF SELF-GOVERNMENT IN THE BRITISH EMPIRE-COMMONWEALTH: for details, see History 33a. Honor students will be required to do special reading and reports in this course.

3 lectures and a seminar a week: 1½ credits.

353b. COLONIAL AND BRITISH IMPERIAL HISTORY: the Old Colonial System of Spain, Portugal, France, Holland and the First British Empire; the dependent British Empire of today and some of its problems.

3 hours a week, lectures and seminars: 1½ credits.

354b. HISTORY OF LATIN AMERICA: optional with 353.

3 hours a week: 1½ credits.

356b. INTERNATIONAL RELATIONS AND WORLD PROBLEMS: 1918 to the present.

3 hours a week, lectures and seminars: 1½ credits.

444. **History of the United States:** see History 44; prescribed for students of the fourth year in the Honor Course in History: lectures, prescribed reading and essays.

3 hours a week, lectures and seminars, 3 credits.

452a. HISTORY OF EUROPEAN SOCIETY AND INSTITUTIONS: this course deals primarily with the social and constitutional history of England to 1660 and emphasizes the use of documents.

3 hours a week, lectures and seminars: 1½ credits.

455. BRITISH POLITICAL PARTIES: the rise of the Tory and Whig Parties; the Revolution of 1688; the Tory Reaction in the reign of Anne; the "Reign of Whigs"; the experiment in personal government of George III; the disruption of the old Whig Party; the new Tory Party under Pitt; the growth of Parliamentary Reform and Free Trade; Peel and Liberal Conservatism; Disraeli and Democratic Toryism; Gladstone and Modern Liberalism; the Irish Parliamentary Party; the Unionist Party; the Labour-Socialist Party.

3 hours a week, lectures and seminars: 3 credits.

**References:** Traill, Shaftesbury.  
Morley, Walpole.  
Williams, Life of William Pitt, Earl of Chatham.  
Newman, Edmund Burke.  
Drinkwater, Charles James Fox.  
Rosebery, Pitt.  
Thursfield, Pecl.  
Morley, Cobden.  
Froude, Beaconsfield.  
Morley, Life of Gladstone.

460b. **HISTORY OF EUROPEAN SOCIETY AND INSTITUTIONS:** primarily Continental Europe to 1648: complimentary to 452.

3 hours a week, lectures and seminars:  $1\frac{1}{2}$  credits.

465a. **TUDOR AND STUART ENGLAND:** optional with 452.

3 hours a week, lectures and seminars:  $1\frac{1}{2}$  credits.

### *Department of Library Science*

10a. **The Use of Books and Libraries:** lectures and exercises on the use and arrangement of the card catalogue, standard reference books, bibliography, periodicals and periodical indexes. Prescribed for all students in the first year.

1 hour a week:  $\frac{1}{2}$  credit.

Text-book: Campbell and Welling, *Library Science for Canadians*.

### *Department of Mathematics*

10a. **Algebra:** functions and their graphs, quadratic equations, ratio and proportion, variation, progressions, interest and annuities, permutations and combinations, binomial theorem.

3 hours a week: 3 semester credits.

Prerequisite: Grade XII (Middle School) Mathematics.

Text-book: Brink, *Algebra, College Course* (Appleton-Century).

E10a. Additional problems, 4 hours per week: 4 semester credits.

12b. **Analytic Geometry:** the point, straight line, circle, parabola, ellipse, with an introduction to the hyperbola; application to curve of flight and to reflectors.

3 hours a week: 3 semester credits.

Prerequisite: Grade XII (Middle School) Mathematics.

Text-book: Durrant and Kingston, *A New Analytic Geometry* (Macmillan).

E12B. Extra problems. 4 lectures per week: 4 semester credits.

18 **Plane Trigonometry:** chapters I to IX in the text.  
5 hours a week: 4 semester credits.

Prerequisite: Grade XII (Middle School) Mathematics.

Text-book: Brink, *Plane Trigonometry* (Appleton-Century).

E-18 2 hours per week both semesters: 4 semester credits.

20b. **ALGEBRA:** mathematical induction, determinants of second and third orders and their application to the solution of systems of equations; methods of solving numerical equations; introduction to probability and statistics.

2 hours a week: 1 credit.

Prerequisite: Mathematics 10a or Grade XIII (Upper School) Algebra.

Text-books: Mimeographed Notes.

Richardson, *An Introduction to Statistical Analysis* (arcourt, Brace).

22a. **ANALYTIC GEOMETRY:** translation and rotation of axes, reduction of equations of second degree to standard forms, polar co-ordinates, parametric equations, introductions to analytic geometry of three dimensions.

2 hours a week: 1 credit.

Prerequisite: Mathematics 10a and 12b or Grade XIII (Upper School) Algebra and Geometry.

Text-books: Sisam, *Analytic Geometry* (Holt).

*Mathematical Tables* (Chemical Rubber Co.)

24. **CALCULUS:** elements and practical applications.

3 hours a week: 2 credits.

Prerequisite: Mathematics 10a and 12b or Grade XIII (Upper School) Algebra and Geometry.

Text-book: Smith Salkover and Justice, *Calculus* (Wiley).

E24. Integral and Differential, 4 lectures per week: 8 semester credits.

28a. **ASTRONOMICAL NAVIGATION:** the trigonometric functions; an introduction to spherical trigonometry; the celestial sphere and its co-ordinate systems; the relation of longitude and time; the determination of latitude and longitude and time; the determination of latitude and longitude; position lines and fixes; the Marcq St. Hilaire Method.

2 hours a week: 1 credit.

## DEPARTMENT OF MUSIC

Two courses in Music, three credits each, permit students of the University to expand their knowledge of music and their proficiency in performance. Applications should be made

to the Dean of University College to ascertain if and where these options will be permitted. If allowable, they may both be counted in Senior Group B, or one in Junior Group 2, 3 or 4 and one in Senior Group B. Substitution for prescribed courses in any years of an Honor course must have the concurrence of the head of the Department involved.

The prerequisites of the courses are evidence satisfactory to the Director of Music of elementary standing in applied music (such as proficiency on a recognized instrument or in singing) or in theoretical knowledge. No student will receive credit in the courses for standing already obtained prior to entering the University. He must continue in new work to win his optional credits in Music.

Each course will consist of three parts: history and form, harmony or counterpoint (or both) applied music. Parts of each course may be interchangeable from one year to the other.

Lectures in history and form and in elementary harmony will be provided as part of the University course, but in advanced theory and applied music where individual instruction is necessary each student will be responsible for his or her necessary extra fee.

#### 10. FIRST COURSE:

1. (a) History: the Classic period commencing with the life of Bach and Handel, and including music and life and times of Haydn, Gluck, Mozart and Beethoven.

(b) Form: a knowledge of the musical sentence, cadences and sonata form based on the work of Haydn, Mozart and Beethoven.

2. Elementary Rudiments and Harmony: a knowledge of major and minor scales, intervals, embellishments, dominant seventh chords and their inversions, and the use of primary and secondary chords and cadences.

3. Applied Music: public performance, details of which are at the discretion of the Director of Music or an examination in technique and performance at the discretion of the Director.

#### 20. SECOND COURSE:

1. (a) History: a knowledge of the music and lives of the Romanticists extending to Wagner and including Von-Weber, Schubert, Schumann, Chopin, Liszt, Berlioz and Wagner.

(b) Form: continuance of sonata form, the suites, rondo, fugue and dance forms, etc.

2. Harmony: (a) adding three parts above a figured bass. (b) Harmonizing a melody in four parts or adding a bass to a given melody using passing and auxiliary notes.

3. Applied Music: similar stipulations to the first year but of correspondingly more advanced character.

Prerequisite: Music 10 or equivalent.

## ***Department of Psychology***

Offered by Assumption College only.

20x. **Introduction to Psychology:** problems, division and methods of psychology; relation and elements of experimental and rational, theoretical and applied, individual and social psychologies; the field of abnormal psychology; a brief survey of the main ideas in the history of psychology. Lectures, prescribed reading and essays.

3 hours a week: 3 credits.

35x. **Experimental Psychology:** introduction to laboratory techniques in psychology; general notion of psychological measurements; measuring instruments and their uses; elements of statistical procedure; laboratory study of processes relating to motor aptitudes, aesthetic judgment and learning.

2 lecture hours, 2 laboratory hours a week: 3 credits.

36x. **Genetic and Educational Psychology:** the unfolding of man's faculties; the development and function of habits; motor, sensory, perceptual, emotional, intellectual and moral development; the characteristics of infancy, childhood, adolescence and adulthood; the growth of personality; general tendencies and individual differences, persistent problems of education; a brief critical survey of the leading modern systems of education.

2 hours a week: 2 credits.

37xa. **Theory and Construction of Mental Tests:** discussion of basic considerations in mental measurements; description and evaluation of typical measuring instruments and their uses; detailed study of tests of early childhood, achievement, intelligence, motor tests and appraisals of artistic ability, interests and attitudes; consideration of persistent problems in the field of mental measurement.



3 hours a week: 1½ credits.

A number of laboratory hours will also be arranged.

37xb. **Statistical Methods in Psychology:** review of elementary techniques such as graphing and tabulation; measures of central tendency, variability and relationship of variables; application of the normal curve to psychological data; reliability of measures; statistical prediction.

3 hours a week: 1½ credits.

38. **Advanced Experimental Psychology:** a laboratory study of such processes as sensation, perception, reaction times, emotional and thought processes.

2 lecture hours, 2 laboratory hours a week: 3 credits.

44x. **History of Psychology:** an estimation of the contribution of ancient, mediaeval and early modern philosophers to psychology; a critical examination of some important modern systems of psychology; Introspectionism, Functionalism, Behaviorism, Purposivism, Gestalt Psychology, Psychoanalysis.

2 hours a week: 2 credits.

46x. **Applied Psychology:** the applications of psychology to the problems of education; the learning process; behavior problems in the school; student placement and progress; achievement tests; curricular problems; deviations in educational development; appraisal of teaching efficiency; Personnel work; vocational selection and guidance; training of workers; labor relations; advertising; salesmanship. Application of psychology to medicine, law, religious education, politics, aesthetics. General problems in human adjustment.

2 hours a week: 2 credits.

49xb **Social Psychology:** the social activities of living beings in response to their social environment; the social, cultural setting and psychological foundations of social behavior; the conditioning of personality by the family and other groups; types of prejudice; leadership and prestige; the mob: mental epidemics; propaganda; public opinion.

3 hours a week: 1½ credits.

On option special lectures will be provided in mental hygiene, abnormal psychology and industrial psychology relating to the personnel problems leading local industries.

## *Department of Philosophy*

13x. **Rational Foundations of Religion:** philosophy of religion; religious and scientific belief; theism and atheism; nature of man; moral responsibility and end.

2 hours a week: 2 credits.

30x. **Introduction to Philosophy:** problem, division and method of philosophy; the relation of philosophy to the special sciences and theology; the principles of natural philosophy, metaphysics, epistemology and moral philosophy; an outline of the main tendencies in the history of philosophy.

3 hours a week: 3 credits.

31x. **Logic:** simple apprehension, judgment, reasoning; idea and term; proposition; definition; division; categories and predicables; deductive reasoning; rules, modes and figures of syllogism; fallacies in argument; inductive reasoning: observation, experiment, description, analysis, synthesis, statistical procedure, verification; a brief introduction to the history of logic.

2 hours a week: 2 credits.

34xb. **The Philosophy of Democracy:** the meaning of democracy; ways in which it can be achieved; arguments for and against democracy.

2 hours a week: 1 credit.

37x. **History of Greek Philosophy:** a study of the contributions made to philosophy by the Pre-Socratic thinkers, Socrates, Plato, Aristotle, the Stoics, the Epicureans, the Alexandrian School and Plotinus.

2 hours a week: 2 credits.

40x. **Philosophical Ideas in Modern English Literature:** a critical discussion of some of the important philosophical ideas which are found in or have influenced English prose and poetry.

2 hours a week: 2 credits.

41xa. **Metaphysics:** being; the transcendental attributes of being; analogy; essence and existence; act and potency; necessity and contingency; the principles of causality and sufficient reason.

3 hours a week: 1½ credits.

41xb. **Natural Theology:** God's existence; the divine attributes; conservation and providence; the idea of God in the history of philosophy.

3 hours a week: 1½ credits.

42xa. **Ethics:** man's ultimate goal; the moral character of human acts; external, natural and positive law; right reason; conscience; habits, virtues and vices; general notions of right and duty.

3 hours a week: 1½ credits.

42xb. **Social Philosophy:** the nature and function of society; the common good; justice, friendship and freedom; authority, government, constitution and legislation; the person, family, private organizations and the state.

3 hours a week: 1½ credits.

43xa. **Epistemology:** pre-scientific and scientific knowledge; the sensible and intelligible value of experience; the degrees of abstraction; the nature and function of concepts; the metaphysical foundation of judgment; truth opinion and belief; a brief review of the most important tendencies in the theories of knowledge.

3 hours a week: 1½ credits.

43xb. **Philosophy and Special Sciences:** the rise of the special sciences and their reaction on philosophical speculation; the gradual evolution of scientific hypothesis (law and theory); mathematization in the special sciences; the object matter and hierarchy of the special sciences. Required reading: selections from the works of the founders of the special sciences.

3 hours a week: 1½ credits.

44xa. **Theories of World Society:** a historical and philosophical study of suggested principles for a world society; the theories of the Jews, Alexander the Great, the Stoics (especially Seneca, Marcus Aurelius), St. Augustine, Orosius, Charlemagne, Otto von Freisung, Hugh of St. Victor, John of Salisbury, Roger Bacon, Dante, Aegidius Romanus, Marsiglio of Padua, Jean Jeandan, Nicolaus Cuzanus, Campanella, Leignitz, the Liberal economists, Comte, Marx; contemporary tenets; an integral view of world society.

2 hours a week: 1 credit.

44xb. **Humanism and the Renaissance:** a historical and philosophical study of the humanist ideas inherited by the Renaissance; the humanism of Cicero, Quintillian, St. Augustine, poets, historians, scholars, educators, philosophers, and theologians of the early Middle Ages; Hrodzwita, Gerbert of Auriac, Fulbert of Chartres, Bernard and Thierry of Chartres, Rupert of Doetz, Hugh of St. Victor, Bernardus Sylvestria,

Alanus de Insulius Hildebert, Otta von Freisung, Adam of St. Victor, Alexander of Neckam, John of Salisbury, Henri D'Aille, Johannes de Garlandia, Roger Bacon, Vincent of Beauvais, Jean Gerson, Nicola de Clemange, Fichte, Guillaume Baude, Gerard Grote, Thomas a Kempis, Erasmus, Petrarch, Salutati, Poggio, Lorenzo Valla, Chrysolarus, Ficino; integral humanism.

2 hours a week: 1 credit.

45xa. **The History of Political Philosophy:** ancient, mediaeval and modern political thought.

3 hours a week: 1½ credits.

45xb **Contemporary Political Philosophy:** political philosophy after Hegel; fundamental assumptions underlying present day political movements.

3 hours a week: 1½ credits.

46xa. **Aesthetics:** the beautiful and the fine arts; aesthetic enjoyment; natural talent, education and rules in art; imitation, thesis and emotion; the ingenuousness of the work of art and the human end, of the artists; the material conditions and the spiritual value of art; arts prudence and wisdom; Christian art; a brief review of the history of aesthetic theories. Prescribed reading in the history of the fine arts.

2 hours a week: 1 credit.

46xb. **Contemporary Philosophy:** neo-idealism; pragmatism; positivism; neo-realism; neo-scholasticism. Lectures, reports and discussions.

2 hours a week: 1 credit.

47x. **History of Modern Philosophy:** the breakdown of Mediaeval philosophy; the philosophy of the Renaissance; Cartesian mathematicism, spiritualism and idealism; British empiricism and psychologism; German idealism; utilitarianism, relativism, evolutionism.

2 hours a week: 1 credit.

48x **History of Mediaeval Philosophy:** early Christian philosophy; Patristic thought; Arabian and Jewish philosophy; exaggerated realism, nominalism, conceptualism; Scholastic philosophy; Augustinism, Latin Averroism, Mediaeval Neo-Platonism and sensism.

2 hours a week: 1 credit.

49xa. **The Concept of Nature:** the hylomorphic theory of change: matter and form as nature; natural and forced motions; nature and art; the order and attributes of natures.

2 hours a week: 1 credit.

## ***Department of Physical Education***

### **Courses for Men**

A student may elect one from each of the following Autumn and Winter groups, and, if his performance justifies it, he will receive credit for the prescribed or elective work of his year.

Autumn: Rugby, soccer, track, horseback riding, training in the Armed Services (see p. 154).

Winter: Boxing and wrestling, hockey, basketball, swimming, gymnastics, badminton, first aid, fencing, training in the Armed Services (see p. 154).

At present military training is compulsory each year for all men eighteen years of age or over.

11. **PHYSICAL EDUCATION:** required of all men in the first year: one elective autumn activity and one elective winter activity.

2 hours a week: 1 credit.

Text-Book: *St. John Ambulance Hand Book.*

21. **PHYSICAL EDUCATION:** required of all men in the second year; one elective autumn activity and one elective winter activity.

2 hours a week: 1 credit.

31, 41. **ADVANCED PHYSICAL EDUCATION:** optional for men of the third and fourth years; open only to those who have had Physical Education 11 and 21; one elective autumn activity and one elective winter activity.

2 hours a week, each year: 1 credit each year.

**TRAINING IN THE ARMED SERVICES:** Canadian students who are physically fit must, on registration affiliate themselves with one of the three armed services, that is, (1) with the army through the Canadian Officers' Training Corps (C.O.T.C.).

## *Department of Physics*

All students taking laboratory work in Physics must pay a deposit of five dollars to the Bursar to cover breakage. Any surplus will be refunded at the end of the college year.

M-10a. PHYSICS: General Physics: covers Mechanics and Heat.

3 lectures, 6 laboratory hours: 4 credits.

M-10b. PHYSICS: General Physics: Light, Sound, Electricity and Magnetism.

3 lectures, 6 laboratory hours: 4 credits.

10. MECHANICS AND HEAT: a survey prescribed for students intending to major in some branch of science: demonstrations and laboratory exercises covering the following principal topics: systems of measurement; laws of uniformly accelerated motion; elementary analytic statics; rotational motion; simple harmonic motion; hydrostatics and hydrodynamics; surface tension; viscosity; osmosis; thermometry; temperature and its effects; gas laws; calorimetry; change of state; vapor pressure; hygrometry; elementary kinetic theory; first and second laws of thermodynamics, reversible cycles.

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

Text-Books: Duncan and Starling, *Dynamics*.  
Duncan and Starling, *Heat*.  
Saunders, *A Survey of Physics*.

E-10. GENERAL PHYSICS: Light, Sound, Electricity and Magnetism, etc.

4 lectures and 4 laboratory hours a week: 5 credits.

11. PHYSICAL SCIENCE: lectures, demonstrations, laboratory exercises and tutorial groups, designed (1) to present an historical review of the development of the physical sciences, with emphasis on principles rather than facts: (2) to develop some of the practical applications of physical science in the modern world; (3) to outline the present trends in science and to explain the point of view of science toward some of the problems of human existence. Optional in Junior Groups 2, 3, 4 and in Senior Group B.

4 class hours a week, allotted to the discretion of the staff: 3 credits.

Text-book: Richards, *The Universe Surveyed*.

21. ADVANCED SURVEY COURSE: supplementary to Physical Science 11.

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

## *Department of Religious Knowledge*

11x. RELIGIOUS KNOWLEDGE: Christian revelation.  
2 hours a week: 2 credits, each semester.

Text-book: St. Thomas, *Compendium Theologiae*.

21x. RELIGIOUS KNOWLEDGE: Church History.  
2 hours a week: 2 credits, each semester.

Text-book: Knox, *The Belief of Catholics*.

31x. HISTORY OF LITURGY: I.

1 hour a week: 1 credit.

References: Kurth, *The Church at the Turning Point of History*.  
Birkhauser, *History of the Church*.  
Belloc, *Europe and the Faith*.  
Pastor, *History of the Popes*.

## *Department of Romance Languages*

### FRENCH

General course students may, with the consent of the Head of the Department, elect French 271, 381 and 491 as optional credits towards graduation.

10. INTERMEDIATE FRENCH: grammar, dictation, translation, memorization of short poems.

3 hours a week: 3 credits.

M-10. 4 hours: 4 credits.

Text-books: Wiley and Grubbs, *Minimum French* (Crofts).  
Chinard, *Scènes de la vie française* (Ginn).  
Mérinée, *Colomba* (Holt).

20. ADVANCED FRENCH: grammar, dictation, translation and some training in literary appreciation.

3 hours a week: 3 credits.

Prerequisite: French 10 or Grade XIII French.

Text-books: Spink, *A Handy Guide to Accuracy in French Composition* (Clarke, Irwin).  
Aveline, *Voiture 7, Place 15* (Holt).  
Grimm, *Seize petits contes tout modernes* (Ginn).  
Pagnol, *Topaze* (Heath).

30. OUTLINE OF FRENCH LITERATURE (origins to 1700 A.D.).

3 hours a week: 3 credits.

Prerequisite: French 20.

Text-book: Steinhauer and Walter, *Omnibus of French Literature, Volume I* (Macmillan).

39. OUTLINE OF FRENCH LITERATURE IN ENGLISH. For students in the Honor English Course who have no reading knowledge of French. Elective also in the General Course, Senior Group B.

1 hour a week: 1 credit.

Text-book: Guyer, *The Main Stream of French Literature* (Heath).

40. OUTLINE OF FRENCH LITERATURE (1700 A.D. to the present time).

3 hours a week: 3 credits.

Prerequisite: French 30.

Text-book: Steinhauer and Walter, *Omnibus of French Literature, Vols. I and II* (Macmillan).

45. SCIENTIFIC FRENCH: the reading of scientific French, from text-books and journals, supplemented by reading in the special field of research of each student.

1 hour a week: 1/2 credit.

Prerequisite: French 10 or Grade XIII French.

## ITALIAN

10. ELEMENTARY COURSE: grammar, pronunciation, translation of simple texts.

3 hours a week: 3 credits.

Text-books: Russo, *First Year Italian* (Heath).  
Wilkins and Marinoni, *L'Italia* (Chicago Press).  
Goggio, *A New Italian Reader for Beginners* (Heath).  
Cantarella and Richards, *Dieci novelle contemporanee* (Holt).

20. OUTLINE OF ITALIAN LITERATURE: translation and composition. Not given in 1944-45.

3 hours a week: 3 credits.

Prerequisite: Italian 20.

Text-books: Cioffari, *Italian Review Grammar* (Heath).  
*Oxford Book of Italian Verse*.  
Dante, *La Divina Commedia* (Heath).  
Goldoni, *La Locandiera* (Holt).  
Manzoni, *I Promessi Sposi* (Heath).  
Pirandello, *Così è se vi pare* (Heath).

220. Identical with 20.

330 Identical with 30.



## SPANISH

1 **Elementary Spanish.** grammar, translation, dictation, oral practice.

3 or 4 hours a week: 3 credits.

Prerequisite: admission requirements.

Text-books: Dale and Bergin, *Spanish Grammar* (The Ronald Press).  
Mapes and Lopez-Morillas, *Y va de cuento* (Ginn).  
Hall and Onate, *First Spanish Graded Reader* (Thomas Y. Crowell Co.).

10. **Intermediate Spanish:** grammar, translation, composition, oral practice.

3 hours a week: 3 credits.

Prerequisite: Spanish 1 or its equivalent.

Text-books: Hills, Ford, Rivera, *Brief Spanish Grammar for Colleges* (Heath).  
Camba, *La rana viajera* (Heath).  
Palacio Valdes, *Jose* (Heath).

20. **Advanced Spanish:** grammar review, composition, translation, oral practice.

3 hours a week: 3 credits.

Prerequisite: Spanish 10 or its equivalent.

Text-books: Sims and Switzer, *Repaso y composicion* (Heath).  
Wilkins, *Omnibus of Modern Spanish Prose* (Doubleday, Doran).

30. Identical with 230.

31. Identical with 231.

39. **Spanish Literature in English Translation:** a survey of Spanish literature for students without a reading knowledge of Spanish.

1 hour a week: 1 credit.

40. Identical with 340.

41. Identical with 341.

## DEPARTMENT OF SLAVONIC LANGUAGES

10. **RUSSIAN:** a beginning course, dealing with orthoepy, grammar, syntax, dictation, translation, conversation, and the study of the most common idiomatic expressions.

3 hours a week: 3 credits.

20. **RUSSIAN:** a second course will be offered if there is sufficient demand.

DIPLOMA COURSE IN  
**VOCATIONAL GUIDANCE AND  
PERSONNEL PROBLEMS**

For teachers, social workers and all those who have to deal with personnel problems in industry, business or any other field of endeavor.

This course has been inaugurated at Assumption College to meet a persistent demand for scientific training in vocational and educational guidance and personnel problems. Foremost among those who emphasize the need for the establishment of a department at colleges and universities to prepare educational and vocational guides are educators, school board officials, industrialists, business men and public authorities.

The Diploma Course in Vocational Guidance and Personnel Problems equips its students with knowledge and training necessary for assisting persons to choose their occupations; to guide and counsel those who seek to discover their abilities; to inform applicants about problems and fields of education and employment, and establishment, maintenance and conduct of effective and harmonious relations between employers and employees in diverse sorts of enterprise. The problem of vocational guidance and personnel management is primarily, though not exclusively, one of **human relations**. This course will consider occupational and educational problems from the point of view of human personality, together with the necessary technical and mechanical details.

The Diploma Course will be conducted by the members of the Faculty of Assumption College. A certain number of periods will be arranged for discussion and consultation with prominent educators, industrialists, engineers, business men and personnel managers from Windsor and Detroit.

Senior Matriculation Diploma constitutes the requirement for admission. Those who do not possess Senior Matriculation Diplomas may be admitted to the Course if they are found by the Registrar in an interview or written application able to pursue effectively the prescribed studies.

The Diploma Course can be completed within one year in residence at the College (with additional subjects), or in about three summer courses, or in a combination of two summer courses and a series of evening courses in winter.

Those who work towards a university degree and desire to obtain university credits for part of the work done in the Diploma Course should consult the Registrar of Assumption College.

## SUBJECTS

### I

**POLITICAL ECONOMY:** a general survey of the principles of economics and the economic organizations of society. 50 lectures.

N.B. Those who have completed Economics 20 will be exempt from this course.

**GENERAL PSYCHOLOGY:** the basic principles of psychology with some emphasis of types of ability, aptitude tests and measurements. 50 lectures.

N.B. Those who have completed Psychology 20 will be exempt from this course.

### II

**VOCATIONAL PSYCHOLOGY:** applied psychology with special emphasis on problems relating to student placement and progress, achievement tests, curricular problems, deviations in educational development, appraisal of teaching efficiency, vocational selection and guidance, training of workers and labor relations. 50 lectures.

N.B. Those who have completed Applied Psychology will be exempt from the course.

**PROFESSIONAL ETHICS:** man's duties and rights as regards contractual relations, the pursuit of various trades and professions, professional associations, and relations of employers and employees. 25 lectures.

N.B. Those who have completed Social Ethics will be exempt from this course.

**EDUCATIONAL AND LABOR LEGISLATION:** principles, clauses and trends in educational and labor legislation. 25 periods of lectures, reports and discussions.

**EDUCATIONAL AND INDUSTRIAL ORGANIZATION:** hierarchy, problems, functions and interrelations of various departments or units in educational and industrial organizations, and various systems of administration. 25 periods of lectures, reports and discussions.

OCCUPATIONAL INFORMATION AND PERSONNEL PROBLEMS: elements, requirements, interrelations and trends in various professions and trades; problems of employment (job analysis), remuneration, maintenance of personnel, employee progress and working conditions. 25 periods of lectures, reports and discussions.

FIELD WORK AND APPROVED PROJECTS: a period of work in school, personnel department, or some other practical assignment.

Note: Those who are engaged or intend to be engaged in teaching are advised to take also GENETIC AND EDUCATIONAL PSYCHOLOGY, 30 to 50 lectures.

Those who have complete certain of the aforementioned subjects will obtain credit towards their B.A. degree if they submit satisfactory evidence to the Registrar.

Concurrently with Groups I and II, students will be required to cover prescribed reading material and submit due evidence of their work, or report for an oral examination.

The prescribed subjects may be taken in a somewhat different order, subject to approval by the Registrar.

## 1945 STUDENT AWARDS

Biology .....	T. Seewald
Botany .....	J. Brady
Zoology .....	J. Cipparone
General Chemistry .....	L. Klosterman
Advanced Chemistry .....	G. Sovran
Physics .....	F. Welling
Special Physics .....	R. Pillon
Physical Science .....	F. Ryan
Introductory Economics .....	J. Brady
Accounting .....	J. Brogan
Honor Economics .....	Cecil Birch
English (First Year) .....	J. Tobin
(Second Year) .....	F. Welling
(Third Year) .....	E. Donoher
(Fourth Year) .....	J. Sheridan
Speech Education .....	R. Garner
Business English .....	A. Roach
Intermediate French .....	J. Lafleur
Advanced Franch .....	L. Freeman
Latin (First Year) .....	J. Graham
(Second Year) .....	J. Bowie
Elementary German .....	J. Cipparone
Spanish (Elementary) .....	A. Roach
(Advanced) .....	J. Slavin
American History .....	E. Donoher
Mediaeval History .....	P. MacDonald
Modern History .....	T. Alessi

History of North and South America .....	J. Slavin
First Year Alg. ....	R. Harr
First Year Anal, Geom. ....	J. Bobin
Trigonometry .....	A. Dorbeck
Adv. Anal. Geom. ....	G. Grassi
Calculus .....	L. Cinat
Rational Foundations of Religion .....	A. Dorbeck
Psychology .....	E. Donoher and H. Clohecy
H.S. Bellisle Memorial Prize in Ethics .....	B. Glavin
Introductory Philosophy .....	J. Golden
Honor Philosophy .....	J. Janisse and V. Thompson
Religious Knowledge—	
(First Year) .....	J. Tobin
(Second Year) .....	L. McKenzie
(Third Year) .....	B. Glavin, J. Janisse
(Fourth Year) .....	S. Marentette
Pre-Engineering Drafting .....	C. Pare, S. Katzman
St. Luke's Pre. Med. Soc. ....	J. Cipparone
Chemistry Club .....	L. Klosterman
Journalism .....	J. Sisak and W. Margerm
Dean Laurendeau Memorial .....	W. Papineau and J. McColl
Bishop Denis O'Connor Memorial Oratory Prize—	
.....	(Not Awarded in 1945).







**Liberal Arts**  
**Philosophy      Sociology      Economics**  
**Political Sciences**  
**Pre-Engineering      Pre-Legal**  
**Vocational Guidance, Etc.**

Address all Communications to:

**The Registrar      Assumption College**  
**WINDSOR, ONTARIO**