

CALENDAR  
(ABRIDGED)  
OF THE  
UNIVERSITY  
OF  
KING'S COLLEGE,  
WINDSOR, NOVA SCOTIA.

(Founded A. D. 1879.)

1921--1922.

133<sup>RD</sup> SESSION.

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PUBLISHED UNDER THE DIRECTION OF THE

BOARD OF GOVERNORS.

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WINDSOR, N. S.  
Hants Journal Press.

## CALENDAR.

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1921.

- September 19. Engineering Field Camp. Last day for receiving applications for Matriculation or Supplementary Examinations.
- September 28. Michaelmas Term begins. Stevenson Schol. and Supplementary Examinations.
- October 3. Students report to the President.
- December 10. Last day of lectures for term.
- December 14. Terminal Examinations begin.
- December 22. Michaelmas Term ends.

1922.

- January 4. Lent Term begins. Students report to the President.
- March 1. Ash Wednesday, no lectures.
- April 3. Last day for receiving applications for Supplementary Examinations.
- April 10. Supplementary Examinations begin.
- April 13. Maundy Thursday, no lectures.
- April 14. Good Friday, no lectures.
- April 17. Easter Monday, no lectures.
- April 19. Last day of lectures for the year.
- April 24. Essays for higher degrees to be given in. Terminal and Degree Examinations begin.
- May 10. Annual Meeting of Alumni and Governors.
- May 11. Encænia.
- June 5. Matriculation Examinations begin.
- September 13. Engineering Field Camp.
- September 27. Michaelmas Term begins.
- December 14. Last day of lectures for term.
- December 18. Terminal Examinations begin.
- December 22. (Friday) Michaelmas Term ends.

1923.

- January 3. Lent Term begins.
- February 14. Ash Wednesday.
- March 29. Maundy Thursday.
- March 30. Good Friday.
- April 2. Monday in Easter week.
- May 2. Annual Meeting, Alumni and Board of Governors.
- May 3. Encænia.

## Introduction.

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KING'S COLLEGE owes its origin to the Loyalists. It was founded by an Act of the Legislature of the Province of Nova Scotia in the year 1789, through the exertions of Dr. Charles Inglis, the first colonial Bishop, and was opened in 1790. The corner-stone of the main College building was laid the next year by Governor Parr.

A Royal Charter, conferring upon the College full University powers, was granted by King George III in 1802, which makes this the oldest colonial University in the British Empire.

This building was destroyed by fire on Feb. 5th, 1920, and the corner-stone of a new building on the same site was laid by Lieut.-Governor, MacCallum Grant, D. C. L., May 12th, 1921.

The residential system, which is an important feature of College life, is modelled on that of English Colleges, and brings together men of different temperament and training, broadening their ideas and smoothing down individual peculiarities as nothing else can do.

In the College Chapel, a beautiful stone building erected in 1877, the regular services of the Church, which all students are expected to attend, are held every morning and evening. While King's is essentially a Church College, it imposes no religious tests and gladly welcomes men and women of all denominations to its various classes. Students belonging to other religious bodies desiring to attend their own services on Sundays may do so with the permission of the President.

King's College was the pioneer of scientific training in the Province. The new Science Wing, built in 1912, makes ample provision for lecture rooms and up-to-date, well stocked chemical and physical laboratories, including a complete wireless installation, and, in addition, provides accommodation for 20 men in residence, so that a man may have a single room to himself, or

two men may share a common sitting room, while each has his own sleeping room.

A handsome stone building which stands on the slope of the hill to the south of the College contains the Library and Convocation Hall. The Library is a large and extremely valuable one. There is unfortunately no Library fund and the keeping up of the Library depends almost entirely upon the fees of the students, and occasional benefactions.

The aggregate outlay in fees for a student taking a College course varies of course according to the tastes and economy of the student, but it may be approximately set down at a little more than \$300 a year.

Matriculation examinations are held in June and also during the first week of the Academical year. Arrangements may be made for holding these examinations elsewhere than at the College.

A SCHOOL OF LAW in connection with King's College was established in St. John, N. B., in 1892, the Calendar of which is appended. Students passing the final examination of this School receive the degree of B. C. L. from King's College, and are admitted attorneys in the Province of New Brunswick without further examination.

#### AFFILIATION WITH OTHER COLLEGES AND UNIVERSITIES.

Students who have taken the prescribed Science course and passed the required examinations are admitted to the third year of the course of the PROVINCIAL TECHNICAL COLLEGE at Halifax, and such students, upon presentation of a *Testamur* of having passed the final examination of the Technical College may be admitted to the degree of B. Sc.

Graduates in Arts who have attended lectures during their College course in Constitutional History, Contracts, Torts and Crimes, and having passed the required examinations in those subjects, are admitted to second year standing in the LAW SCHOOL OF DALHOUSIE COLLEGE and can graduate in two

years from their entry into the Law School. Students from the JAMAICA CHURCH THEOLOGICAL COLLEGE, after a residence of six terms at their own college who pass the required examinations in the subjects of the Divinity Course at King's College, may receive the diploma of L. S. T.; and divinity students who have completed the required residence at the Jamaica Church Theological College and have passed the necessary examinations according to the requirements of King's College, may be admitted to the degree of B. A.

King's College is affiliated with the UNIVERSITIES OF OXFORD, CAMBRIDGE AND DUBLIN, under conditions which allow an undergraduate who has taken at least two years' work, to pursue his studies and take his degree at either of those Universities on a reduced period of residence. Under the terms of affiliation with Oxford, candidates for the *Rhodes Scholarship*, who have taken the Arts Course at King's College, including Greek, are exempt from the qualifying examination.

#### SPECIAL ENDOWMENTS.

*The Sir Henry Mill Pellatt Chair in Philosophy.*—This chair was founded in February, 1914, by Brig. Gen. Sir Henry Mill Pellatt, D. C. L., K. B., C. V. O. and is of the value of \$1,500 per annum. It shall be known as the Sir Henry Mill Pellatt Chair in Philosophy.

*The Plummer Fellowship in English.*—This Fellowship was founded in February, 1914, by J. H. Plummer, Esq., D. C. L., President of the Dominion Steel Corporation, and is of the value of \$500 per annum. It shall be known as the Plummer Fellowship in English, and may be held either by the Professor in English or by the lecturer in that subject at the discretion of the Board.

# The University.

## OFFICERS.

### Patron:

The Lord Archbishop of Canterbury.

### Visitor:

The Lord Archbishop of Nova Scotia.

### Chancellor:

Sir Charles J. Townshend, M. A., D. C. L.

### Vice-Chancellor:

Rev. T. Stannage Boyle, M. A., D. D.

### Public Orator:

Rev. T. H. Hunt, M. A., D. D.

### Clerk of Convocation:

A. A. Sturley, Esq., M. A.

### Registrar:

Rev. T. H. Hunt, M. A., D. D.

### Proctor:

H. W. A. Wadley, Esq., M. A.

### Librarian:

Ven. Archdeacon Vroom.

## \* BOARD OF GOVERNORS.

*Visitor and President of the Board—Ex-Officio:* THE MOST REVEREND  
THE LORD ARCHBISHOP OF NOVA SCOTIA.

*Vice-President of the Board—*THE RIGHT REVEREND THE LORD BISHOP  
OF FREDERICTON.

*Secretary—*REV. V. E. HARRIS, M. A., D. C. L., Halifax, N. S.

*Treasurer—*REV. E. B. SPURR, M. A., Windsor.

*Bursar—*C. ERIC BOULDEN, ESQ., B. S. A.

\* The Board is at present being reorganized. The new Board will be in operation next year.

### *Elected by the Alumni; with dates of retirement:*

Rev. T. Stannage Boyle, D. D., 1922.

W. H. Roach, Esq., 1922.

Rev. V. E. Harris, M. A., D. C. L., 1923.

L. H. Martell, Esq., M. A., LL. B., 1923.

W. L. Payzant, Esq., M. A., LL. B., 1924.

Rev. Noel Wilcox, M. A., 1924.

Hon. Chief Justice Harris, D. C. L., 1925.

R. V. Harris, Esq., M. A., 1925.

A. Moulton, Esq., 1926.

J. F. H. Teed, Esq., B. A., B. C. L., 1926.

A. MacKinlay, Esq., 1928.

Hon. J. P. Burchill, 1928.

### *Elected by the Diocesan Synod of Nova Scotia:*

Rev. W. W. Judd, M. A.

J. Walter Allison, Esq., D. C. L.

### *Elected by the Diocesan Synod of Fredericton:*

Rev. Canon A. W. Smithers, M. A., D. C. L., Fredericton, N. B.

R. W. Hewson, Esq., K. C., Moncton, N. B.

### *Elected by the Rural Deaneries:*

#### DIOCESE OF NOVA SCOTIA.

##### Deanery of

*Amherst* ..... B. D. Bent, Esq., Amherst.

*Annapolis* ..... Herbert L. Jones, Esq., Weymouth North, N. S.

*Avon* ..... W. Ker Dimock, Esq., Windsor, N. S.

*Halifax* ..... Very Rev. J. P. D. Llwyd, D. D., D. C. L., Halifax, N. S.

*Lunenburg* ..... Rev. E. A. Harris, M. A., Mahone Bay, N. S.

*St. George* .....

*Shelburne* ..... His Honour Judge F. G. Forbes, M. A., Liverpool, N. S.

*Sydney* ..... Ven. T. F. Draper, M. A., D. C. L., Louisburg, N. S.

*Tangier* ..... M. A. B. Smith, Esq., M. D., Dartmouth, N. S.

*Archdeaconry* { A. B. Warburton, Esq., M. A., D. C. L., Charlottetown.  
of { Major E. L. McNutt, Charlottetown.  
*P. E. I.* { Rev. C. deW. White, Summerside.

#### DIOCESE OF FREDERICTON.

##### Deanery of

*Chatham* ..... Ven. David Forsyth, M. A., D. C. L., Chatham, N. B.

*Fredericton* ... Rev. G. Fisher, Stonehaven.

*Kingston* .... Rev. Thomas Parker, M. A., Norton, N. B.

*Shediac* ..... Medley Siddall, Esq., Baie Verte.

*St. Andrews* .. Chas. Hazen Magee, Esq., St. George, N. B.

*St. John* ..... W. L. Harding, Esq., St. John, N. B.

*Woodstock* .... Rev. J. R. Belyea, M. A., Andover, N. B.

**THE EXECUTIVE COMMITTEE.**

- (a) His Grace the Archbishop of Nova Scotia, *ex-officio*, Chairman.  
 (b) The Rt. Rev. the Lord Bishop of Fredericton, *ex-officio*, Vice-Chairman.  
 (c) The President of the College, *ex-officio*.  
 (d) The Treasurer of the College, *ex-officio*.

Chief Justice Harris,	Dr. J. Walter Allison,
W. L. Payzant,	Rev. Canon Smithers,
Dr. M. A. B. Smith,	Ven. Archdeacon Forsyth,
A. Moulton,	W. Ker Dimock,
	W. H. Roach.

**DIVINITY COUNCIL.**

The Archbishop of Nova Scotia.	
The Bishop of Fredericton.	
Archdeacon Armitage,	Rev. T. H. Perry,
Canon W. S. H. Morris,	Archdeacon Draper,
Canon Daniel,	Archdeacon Forsyth.
Rev. R. P. McKim,	Archdeacon Crowfoot.

**MEETINGS OF THE BOARD OF GOVERNORS:**

1921. Thursday, Nov. 10th, Semi-annual, Halifax.  
 Midwinter Meeting (to be arranged).  
 Wednesday, May 11th, Annual, Windsor—The day before Eucænia.

**MEETINGS OF THE EXECUTIVE COMMITTEE:**

- |       |                         |                      |
|-------|-------------------------|----------------------|
| 1921. | Thursday, September 8,  | Halifax.             |
|       | Thursday, October 13,   | Windsor.             |
|       | Thursday, November 10,  | Halifax.             |
|       | Thursday, December 8,   | Windsor.             |
| 1922. | Thursday, January 12,   | Halifax.             |
|       | Thursday, February 9,   | Halifax or St. John. |
|       | Thursday, March 9,      | Windsor.             |
|       | Thursday, April 13,     | Windsor.             |
|       | Thursday, September 14, | Halifax.             |
|       | Thursday, October 12,   | Windsor.             |
|       | Thursday, November 9,   | Halifax.             |
|       | Thursday, December 14,  | Windsor.             |

May, June, July and August if specially summoned.

**Faculty of King's College.****President.**

REV. TEMPLE STANNAGE BOYLE, M. A., D. D.

**Fellow and Professor of Classics:**

REV. C. E. WILLETS, M. A., D. C. L.

**Fellow and Senior Professor of Divinity:**

VEN. ARCHDEACON F. W. VROOM, M. A., D. D., D. C. L.

**Alexandra Professor of Divinity:**

REV. T. H. HUNT, M. A., D. D.

**Professor of Chemistry and Physics:**

A. A. STURLEY, M. A.

**Professor of English Literature:**

W. D. MACFARLANE, Ph. D.

**Professor of Mathematics:**

H. W. A. WADLEY, M. A.

**Professor of Engineering:**

R. L. NIXON, M. Sc.

**Professor of History:**

THE PRESIDENT.

**Fellow and Professor of Philosophy:**

REV. G. F. KINGSTON, M. A., B. D.

**Professor of Modern Languages:**

To be appointed.

**Lecturer in German:**

REV. H. A. HARLEY, M. A.

**Lecturer in Divinity:**

R. A. MILLER, M. A.

**Lecturer in French; in charge of Women Students:**

MISS E. M. MASON, B. A.

**Lecturer in History:**

REV. W. W. JUDD, M. A.

**Lecturer in Law:**

L. H. MARTELL, M. A., LL. B.

**Lecturer in Divinity:**

REV. CHARLES PATERSON-SMYTH, M. A., B. D.

**Lecturer in Religious Education, etc.**

REV. R. A. HILTZ, M. A.

### Regulations Relating to Students.

Persons who are less than 16 years of age are not admitted as students of the College, except under special circumstances. "Undergraduates" are those who have duly matriculated. "Conditioned Students" are those who are pursuing their course without having passed the whole of their matriculation examination; if they successfully pass the examination at the end of the first year, they may count their terms from the time they actually came into residence, providing they take, as subjects for their first year, all subjects required in Matriculation.

A registration Fee of \$5.00 will be charged to all students who enter without passing the Matriculation Examination.

Undergraduates who have taken a partial course at any other University recognized by the Board of Governors, may, upon presenting certificates of standing, be admitted *ad eundem statum* and complete their course at King's College, provided the certificates show at least as much work done as called for by equivalent examination at this University. Those availing themselves of the above privileges will be charged a fee of \$15 for each examination taken. Each individual application will be considered on its merits, and shall be passed upon by a special committee of the Faculty.

**RESIDENCE**—All students are ordinarily required to be in residence, as stress is laid upon the advantages of corporate life. In special circumstances permission may be given to reside outside.

All students must report to the President at the beginning of Michaelmas Term, and of Lent Term, respectively.

The resident students are under the immediate charge of the President (or, in his absence, the Vice-President).

All students in residence are expected to attend the services in the College Chapel. Students who are not members

of the Church of England may attend the Sunday Services of their own Church with the President's permission.

Students residing in the College are not to be out of it after 10 p. m., without the permission of the President (or in his absence, the Vice-President) and permission to be out after midnight must be obtained from the College Board. The College authorities may enter the apartments of undergraduates at all hours of the day or night.

No visitor is allowed to remain in College after 10 p. m., unless by permission.

All noise is forbidden in College during Lecture hours.

The President is authorized to impose fines for infraction of regulations, insubordination or disorderly conduct; matters of a more serious nature are referred to the Board of Discipline, which meets once a week.

The Board of Discipline may deprive any Student of his Term for negligence of due preparation for Lectures, except in case of sickness, when a medical certificate must be produced.

The introduction of intoxicating liquors into the College or their use therein is absolutely prohibited.

Graduates below the degree of Master, residing in College or attending lectures at the College, shall be subject to the same discipline as undergraduate students, but may be granted special privileges at the discretion of the College Board.

No student may reside in College during vacation without the written permission of the President, and the President and Board of Discipline shall have the same authority and power over such students as are exercised by him or them according to the provisions of the preceding sections.

The Academical habits shall be the same as those which are worn in the University of Oxford.

All students shall wear a cap and gown at Lectures, at Dinner in Hall, or when interviewing members of the Faculty.

**LECTURES**—Attendance at all Lectures in the course enter-

ed upon, except those which are announced as optional, is compulsory upon all students, and no student is allowed to absent himself from the examinations in any subject in which he has taken Lectures, except by special permission of the Professor.

Students who have absented themselves from any Lectures without permission of the individual Professor and without proper excuse, will be reported to the weekly meeting of the Board of Discipline.

More than two unexcused absences from Lectures in the same subject or forfeiture of Lectures from disorderly conduct, will disqualify a student from examination and from keeping his term. Periods of practical work in Science will count as Lectures.

No undergraduate shall be allowed to keep a term or write an University Examination unless he has paid all his College dues and complied with all other regulations.

The standing of undergraduates is determined by the yearly examinations. A College Examination of each year shall be held at the end of the Michaelmas term, in all the subjects of Lectures of the Term, and all students shall be required to present themselves at the examination unless excused therefrom by the President on account of illness or for other reasonable cause. Students who fail at the above examination may present themselves for re-examination in those subjects in which they have failed at a Supplementary Examination to be held in Holy Week. The examinations at the end of Lent Term of the Third and Fourth years will cover the work of the whole year.

### Alexandra Hall—Women's Residence.

Women are admitted to the various courses of study in the University on the same terms as men.

Alexandra Hall, the Residence for women students, is conducted under practically the same regulations as the residence for men.

All residents are under the general superintendence of the Dean of Women Students.

Women students wishing to be out after evening chapel must notify the Dean and state where they are going. Permission must be obtained from the Dean to be out after 10 p. m., and a record will be kept of the hour of return of those who have received such permission.

Thursday evening from 8-10, and Sunday afternoon from 3.30 to 5.30 are the recognized times for receiving visitors.

### Expenses.

The charge to Resident Students for board, is \$220 per annum, payable in two instalments of \$100, and \$120, one at the beginning of each term.

A nominal additional charge is made for room, light, attendance, etc.

Non-resident Students are required to pay \$24 per annum for general dues, in instalments of \$12 each.

Should the Bursar's Account not be paid in full within one week after being issued, a charge of 5 per cent. will be added to the above fees. If not paid within a fortnight, 10 per cent. will be added.

No student whose accounts are still unpaid after 30 days, shall be allowed to remain in College, unless he has the written permission of the President or the Board of Governors.



**TUITION FEES.**

Tuition Fees are \$25 per year for each subject or a maximum of \$85 for all subjects in which lectures are taken. This is the amount agreed upon by all the Maritime Universities.

Students are charged a library fee of \$5 per annum.

	\$15	per year	is required	of those	taking	Practical	Chemistry
An additional	15	"	"	"	"	"	Physics
fee of	5	"	"	"	"	"	Surveying and
	5	"	"	"	"	"	Practical Geology
	5	"	"	"	"	"	Shop Work.

The rooms are only partially furnished, so that a small outlay is required at entrance, to be made by each student according to his own means and tastes. Each student will be responsible for damage done to his rooms.

Caution Money to the amount of \$10 is required from each resident student on entrance, to be returned to the student on withdrawal, provided there is nothing owing the College by him.

**SPECIAL FEES.**

Matriculation or Registration.....	\$ 5.00
Matriculation, if not at Windsor.....	7.00
Supplementary Examination.....	2.00
For First Examination for B. D.....	20.00
For Final Examination for B. D.....	25.00
For Examination for D. D.....	35.00
Certificates of Standing.....	2.00
Parchments under University Seal.....	4.00
For Degree of B. A., B. C. L. or B. Sc.....	12.00
For Degree of B. D.....	24.00
For Degree of M. A., or M. Sc.....	20.00
For Degree of D. D., D. Sc. or D. C. L.....	40.00
For Examination of Thesis for Higher Degree.....	10.00
For a Degree in absentia, one half the regular fee, additional.	

Calendars in the Faculties of Divinity and Law are issued separately and may be had on application to the Registrar or President.

**Entrance Requirements.****JUNIOR MATRICULATION.**

The President of the College must receive from each candidate for Matriculation the regular fee before the day of Examination, and a certificate of good moral conduct extending over a period of not less than eighteen months immediately preceding. In the case of candidates from a boarding-school, a certificate from the Principal will suffice; but those candidates who have attended a day school must, in addition, produce a certificate from the minister of the church they have attended.

The Faculty of the College are authorized to accept certificates from the Head Masters of approved schools in lieu of Matriculation.

The Junior Leaving Examination (Grade XI) of the High Schools of Nova Scotia or New Brunswick, or an equivalent examination of another province or the Junior Associate in Arts of Newfoundland is accepted *pro tanto* as equivalent to the Matriculation Examination. Candidates will be required to pass in such of the required subjects (if any) as are not covered thereby.

Application in writing should be made to the President or Registrar of King's University at Windsor for permission to sit at the June Matriculation Examination, not later than May 15th. In case of optional subjects, the optional subjects must be mentioned.

The Matriculation fee of \$5.00 must be paid to the Bursar or President of the University not later than the day before the examination.

The mark required for passing is 50 per cent. in each paper. Subjects :

1. English, two papers.
2. History, one paper.
3. Latin or Greek, two papers in each.
4. One of the following, two papers in each:—French or German.

5. Elementary Mathematics (*a*) Algebra, one paper.  
(*b*) Geometry, one paper.
6. One of the following:—Chemistry or Physics, one paper, or a language not previously chosen.
7. In case of students entering for Science, German or Trigonometry must be substituted for Latin, one paper.
8. Scripture (for Scholarships only). The Books of Joshua and Judges, the Gospel of St. Mark.

#### I.—ENGLISH.

- A. Composition as in any elementary High-School Composition, with a short essay on a general subject. Spelling will be specially tested by this paper (one paper, one and a half hours.)
- B. Literature:—Year 1922, Poems: Selected Poems from Coleridge and Tennyson as in the Copp Clark Literature Series, No. 1. Shakespeare, Macbeth, (one paper).

#### II.—HISTORY and GEOGRAPHY.

Great Britain and Canada from 1689 to 1885. Geography relating to the History prescribed, one paper.

#### III.—LATIN.

Translation—1922 and 1923: Caesar, *De Bello Gallico*, Book IV., chaps. 20–38, and Book V., chaps. 1–23; Virgil, *Aeneid*, Book I., vv. 1–510.

Latin Grammar. As in any standard grammar.

Latin Prose Composition.—Exercises based upon the prescribed text; and a translation back into Latin of a plain English version from the Latin of some easy author.

Two papers will be set: (1) Latin Authors, including Virgil, Caesar and Sight Translation: (2) Latin Composition and Grammar.

#### IV.—GREEK.

Translation—1922. Xenophon, Philpotts and Jerram, *Easy Selections from Xenophon*, chaps. 3, 4, 5: Homer, *Iliad*, VI., 66–118 and 237 to the end. 1923. Xenophon, Philpotts and Jerram, *Easy Selections from Xenophon*, chaps. 3, 4, 5: Homer, *Iliad*, I., 1–350.

Greek Grammar. As in any standard grammar.

Greek Prose Composition.—Exercises based upon the prescribed text; and a translation back into Greek of a plain English version from the Greek of some easy author.

Two papers will be set: (1) Prescribed texts: (2) translation at sight, accidence and syntax.

#### V.—FRENCH.

PRONUNCIATION

Candidates are expected to pronounce French properly; to have a knowledge of Grammar as represented by Fraser and Squair's Grammar, Lessons 1–74: to translate easy French prose at sight, and English into French as in parts I and II of Cameron's French Composition, first 25 exercises of each part.

GRAMMAR

TRANSLATION INTO ENGLISH AND

INTO FRENCH

Text: *Le Chien du Capitaine* or equivalent.

Two papers will be set: (1) Prescribed texts and translation at sight: questions on grammar: (2) the translation of English into French.

#### VI.—GERMAN.

PRONUNCIATION

Candidates are expected to pronounce German properly; to have a knowledge of Grammar as represented by "Joynes-Meissner's German Grammar" (36 Lessons) or its equivalent; to translate easy German prose (Baumbach's "I'm Zwielicht" with exercises by Bernhardt.

Two papers will be set: (1) Prescribed texts and translation at sight: questions on grammar: (2) the translation of English into German.

#### VII.—ALGEBRA.

ALGEBRA.—Hall and Knight's *Elementary Algebra*, first 39 chapters.

#### VIII.—GEOMETRY.

GEOMETRY.—The first four books of Euclid, with deductions. Parts I–IV, a School Geometry, Hall & Stevens, omitting pp. 207–218, and pp. 244–246.

#### IX.—CHEMISTRY.

CHEMISTRY.—Elementary inorganic chemistry, comprising the preparation and properties of the chief non-metallic elements and their more important compounds, the laws of chemical action, combining weight, etc.

TEXT-BOOK.—"Elementary Chemistry for High Schools" by Nevil Norton Evans (Educational Book Company, Limited, Toronto,) Chapters I to XVI inclusive. One paper.

#### X.—PHYSICS.

PHYSICS.—Properties of matter: elementary mechanics of solids and fluids, including the laws of motion, simple machines, work, energy, fluid pressure and specific gravity; thermometry, the effects and modes of transmission of heat.

Text-Book recommended:—*Household Physics*, by C. J.

Lynde (Macmillan Co. of Canada), Chapters I to XIII inclusive. One paper.

#### XI.—TRIGONOMETRY.

TRIGONOMETRY.—Hall and Knight's Trigonometry, Chapters I to XII, inclusive, or as in similar Text-Books.

#### SENIOR MATRICULATION.

(Admitting to Second Year.)

Subjects: I. Latin. II. Mathematics A. III. English. IV. Experimental Science. V. French *or* Greek *or* German. VI. Mathematics B, *or* a language not taken in V.

The requirements in each of the above subjects will be the same as required in the first year of the Arts Course.

The Junior leaving examination (Grade XII or "A") of the High Schools of Nova Scotia (or equivalent examination in other provinces) or the Senior Associate in Arts of Newfoundland is accepted as equivalent to Senior Matriculation Examination, and admits Candidates to the second year, in such subjects as are covered thereby, provided the mark made in each subject be not less than 50 per cent.

It is therefore possible for a student (who is sufficiently advanced at entrance) to obtain his B. A. Degree after three years' residence at the College.

For Matriculation in Science combined with first year's work see pages 33, 34, 35, 36.

#### Terms and Examinations.

The Academical year begins in September, and consists of two terms. Michaelmas Term extends from the first Wednesday after Sept. 21st, to December 22nd: Lent Term from the first Wednesday after 2nd day of January to the second Thursday in May.

Lectures are not given on the following days: Thanksgiving Day, Ash Wednesday, Thursday to Saturday in Holy Week, Easter Monday.

Students are required to pass the terminal examinations

in regular order. No student who has failed to pass a terminal examination shall be allowed to present himself for examination in the subjects of any subsequent term until he shall have passed a supplementary examination in the subjects in which he has previously failed. Students shall rank according to the number of terms they have kept.

University and College examinations shall be arranged by the College Board subject to the approval of the Governors.

At least a week before the beginning of any Supplementary Examination students intending to write at such examination shall send the President in writing the name of each subject to be taken, accompanied by the customary fee.

No candidate for a degree in course, shall be permitted to enter the Third Year until he has completed the work of the First Year. Similarly, no student is permitted to enter the Fourth Year until he has completed his Second Year.

## Courses of Study.

There are at present in the University four schools.

- |      |                     |
|------|---------------------|
| I.   | The School of Arts. |
| II.  | “ “ “ Science.      |
| III. | “ “ “ Divinity.     |
| IV.  | “ “ “ Law.          |

Students who do not intend to proceed to a degree may attend the Lectures of any of the Professors, subject to the usual regulations, and can obtain from the Registrar certificates of examinations passed.

### I—School of Arts.

The course for the degree of B. A. extends over four years.

In the first year each student must take :

1. Latin.
2. English.
3. English Bible.
4. Experimental Science.
5. Greek, *or*
6. French, *or*
7. German.
8. Mathematics A.
9. Mathematics B, or a Language not taken above.

In the second year :

1. Latin.
2. English.
3. English Bible,  
and any three of the following of which a Language must be one.
4. Chemistry.
5. Greek.
6. Logic.
7. French.
8. German.
9. Mathematics.
10. Applied Mathematics.
11. History.
12. Physics.
13. Hebrew.

In the third year not less than four subjects must be chosen from :

- |                 |                            |
|-----------------|----------------------------|
| 1. Latin.       | 8. Law.                    |
| 2. English.     | 9. Philosophy and Ethics.  |
| 3. Divinity.    | 10. History and Economics. |
| 4. Greek.       | 11. Chemistry.             |
| 5. French.      | 12. Physics.               |
| 6. German.      | 13. Hebrew.                |
| 7. Mathematics. |                            |

In the fourth year not less than four subjects must be chosen from :

- |                 |                            |
|-----------------|----------------------------|
| 1. Latin.       | 8. Law.                    |
| 2. English.     | 9. Philosophy and Ethics.  |
| 3. Divinity.    | 10. History and Economics. |
| 4. Greek.       | 11. Chemistry.             |
| 5. French.      | 12. Physics.               |
| 6. German.      | 13. Hebrew.                |
| 7. Mathematics. |                            |

At least one subject must be continued throughout the whole four year course.

The four subjects chosen for the third year must be continued in the fourth year, and, except in the cases of Divinity, Philosophy, Law and History, must be selected from the subjects taken in the two preceding years.

### FIRST YEAR.

#### I—LATIN.

THREE HOURS PER WEEK.

Horace, Odes I, II. Smith's Students' Latin Grammar, Cicero, *Pro Lege Maniliâ*. Latin Prose Composition, based on the author read. Sight Translation.

#### II—ENGLISH.

LITERATURE. The several literary types exemplified by representative selections.

(1) The Essay. One or more essays by each of the following : Bacon, Addison, Lamb, Hazlitt, Ruskin, Stevenson, and Benson.

(2) Narrative Poetry. The epic, metrical romance, ballad and metrical tale.

(3) The Drama and Dramatic Poetry. Scenes from Marlow's *Faust* and *Edward the Second* ; Shakespeare's *Hamlet* ; the masque, *Comus* ; the dramatic monologue ; some characteristics of the modern drama.

- (4) Lyric Poetry. The ode, sonnet, elegy, song and simple lyric.  
 (5) Prose Fiction. One novel and several short stories.  
 (6) The Oration. Examples of famous historical speeches.

COMPOSITION. Emphasis at first on the mechanical features of style: punctuation, diction, sentence-structure and paragraphing; practice in writing by means of weekly themes based on the study of models.

Each student is expected to provide himself with a good dictionary. *The Concise Oxford Dictionary* is recommended.

PUBLIC SPEAKING. Lectures on modern English phonology, the voice, articulation and enunciation; practice in the reading of prepared selections and in the construction and delivery of short speeches.

### III—ENGLISH BIBLE.

History of the period between the Old and New Testaments, and a general knowledge of the historical books of the New Testament.

### IV—EXPERIMENTAL SCIENCE.

Same as in Faculty of Science, First Year, III.

Laboratory course, 2 hours a week will also be required of students who intend to take Physics in 2nd year.

### V—GREEK.

TWO HOURS PER WEEK.

Homer, *Iliad* I. Xenophon, *Hellenica* Book I. Goodwin's Greek Grammar.

### VI—FRENCH.

Only candidates who have passed the Matriculation Examination in French (or an equivalent examination) can enter this class. Students not taking a full course may enter this class with the consent of the Professor.

THREE LECTURES PER WEEK.

Proper pronunciation in reading and speaking; *easy conversational exercises* based on a general review of a Grammar printed in French; rapid *sight translation of French texts*, but with a special consideration of French idioms appearing therein, *easy composition* and the *History of France up to Charlemagne*, are the aims of the first year.

"Grammaire française" par M. S. Bruce.

"Berthon's Specimens of Modern French Prose."

"Advanced French Prose Composition" by François.

"Histoire de France" par O. B. Super.

### VII—GERMAN.

BEGINNERS' CLASS. THREE LECTURES PER WEEK.

Elementary *German Grammar* as contained in the first 35 lessons of Joynes-Meissner's German Grammar, and the most important Lessons on

Syntax. (Chaps. 46, 47, 58, 59, 60): proper pronunciation in reading and speaking, *conversational exercises* and *easy composition*.

"Joynes-Meissner's German Grammar."

"Im Zwielight" by Baumbach, with Oral Exercises by Bernhardt.

### VIII—PURE MATHEMATICS A.

THREE HOURS PER WEEK.

Same as in Faculty of Science, First Year, VI.

### IX—MATHEMATICS B.

Same as in Faculty of Science, First Year, VII.

## SECOND YEAR.

### I—LATIN.

Horace, Wickham's Selected Odes (Clarendon Press.)

Sallust, Jugurtha.

Latin Composition, based on the author read. Smith's Student's Latin Grammar. Sight Translation.

### II—ENGLISH.

LITERATURE. History and development of English literature in relation to environment and national expansion and growth; a reading course in prose and poetry with lectures on the various writers and literary periods.

COMPOSITION. Journalistic writing. Methods and materials of journalism, with practice in handling the various forms of the editorial, the news story, the special feature article, reports, etc.; illustrative material from newspapers and magazines.

PUBLIC SPEAKING. Lectures on argumentation and debate; practical work in the preparation of briefs and in classroom debating.

Students taking this course are reminded that great benefit can be got by taking an active and intelligent interest in the proceedings of the Quintilian Club.

### III—ENGLISH BIBLE.

A general knowledge of the historical books of the Old Testament, and of Old Testament History from its beginning to the close of the Canon.

### IV—LOGIC.

TWO HOURS PER WEEK.

An analysis of fallacies, deduction, induction and scientific methods. Creighton, "Introductory Logic."

### V—HISTORY.

THREE HOURS PER WEEK.

The Middle Ages, the Barbarian Invasions, Rise of the Papacy, the Crusades, Beginnings of Modern Europe.

## VI—CHEMISTRY.

2 HOURS LECTURE, 4 HOURS LABORATORY PER WEEK.  
Same as in Faculty of Science, Second Year, III.

## VII.—GREEK.

TWO HOURS PER WEEK.

Euripides; Alcestis. Herodotus; Book III. Goodwin's Greek Grammar.

## VIII—FRENCH.

THREE LECTURES PER WEEK.

*Conversational Exercises on ordinary topics*, as in François, "Adv. French Prose Composition"; oral exercises, and immediate repetition of French anecdotes and translation of easy English anecdotes without Books; *exercises on French Syntax*; a careful Study of the French verse with illustrative poems about 150 pages of the most famous authors of the XIX Century, the *History of France* continued and Sight Translation are the aims of the second year.

Advanced French Prose Composition, by V. E. François.

"Specimens of French Verse by Berthon.

\*"Histoire de France," O. B. Super. To be read out of class.

\*"Sept Grands Auteurs de XIX Siècle," A. Fortier.

## IX—GERMAN.

THREE LECTURES PER WEEK.

*Conversational Exercises on ordinary topics* as in Pope's German Composition; as immediate repetition of German anecdotes and translation of easy English anecdotes without books, *exercises on German syntax, reading in class of a German Comedy*, with special attention to idioms appearing therein, some of the *most famous ballads*.

Joynes-Meissner's German Grammar. Die Schulreiterin by Emil Pohl; "German Composition," by Paul R. Pope. "Die Journalisten" by Freytag.

Science Students will be examined in Moffatt's "Science German Course" University Tutorial Press Ltd., instead of Die Schulreiterin.

## X—PURE MATHEMATICS.

THREE HOURS PER WEEK.

Same as in Faculty of Science, Second Year, VI.

## XI—MECHANICS.

THREE HOURS PER WEEK.

Same as in Faculty of Science, Second Year, VII.

## XII—PHYSICS.

Lecture Course and Laboratory Work.

Same as in Faculty of Science, Second Year XI.

## XIII—HEBREW.

Same as in First Year, Faculty of Divinity.

## THIRD YEAR.

## I—LATIN.

THREE HOURS PER WEEK.

Tacitus—Annals II.

Virgil—Æneid VI.

Cicero—De Senectute, De Amicitia.

Latin Prose Composition and Sight Translation.

A selected portion of Roman History. The Geography of Ancient Italy.

## II—ENGLISH.

LITERATURE. Special topics and periods in literature.

(1) Old English. An introductory course; phonology, grammar, reading and interpretation of easy prose and poetry.

(2) English Essayists from Bacon to Hazlitt.

(3) The English Drama from its origin to the end of the Elizabethan Period. The Pre-Shakesperian drama: three plays by Shakespeare and one each by Decker, Webster, Beaumont and Fletcher, Massinger, Marlow; lectures on dramatic technique and the development of the English drama.

(4) Milton and the Puritan Reaction.

ADVANCED COMPOSITION. The essential characteristics of English prose through a detailed analysis of structure and style.

PUBLIC SPEAKING. The preparation and delivery of speeches on assigned topics; the psychology of public speech.

## III—DIVINITY.

The same as in the Faculty of Divinity, First Year.

## IV—GREEK.

TWO HOURS PER WEEK.

Plato—Apology.

Sophocles—Antigone.

Demosthenes—Philippics I and II.

Candidates will also be examined in a selected period of Greek History, the geography of ancient Greece and in a selected portion of Donaldson's Theatre of the Greeks.

## V—FRENCH (Third and Fourth Year.)

THREE LECTURES PER WEEK.

Class Exercises in *French Composition and Idioms*. The *History of French Literature* from the XV to XVIII century with illustrative fragments of the works of the following authors: B. Pascal,<sup>1</sup> Mme. de Sévigné<sup>2</sup> Racine,<sup>3</sup> Boileau,<sup>4</sup> Molière,<sup>5</sup> La Fontaine,<sup>6</sup> La Rochefoucauld,<sup>7</sup> Fénelon,<sup>8</sup> Montesquieu,<sup>9</sup> Buffon,<sup>10</sup> Voltaire,<sup>11</sup> J. J. Rousseau,<sup>12</sup> Mirabeau;<sup>13</sup> further: Molière's *Les Femmes Savantes*, Rostand's *Cyrano de Bergerac*.

1. Sur l'immortalité de l'âme, Pensées diverses; 2. Lettres. 3. Athalie; 4. Les embarras de Paris, Le Lutin; 5. Les Précieuses ridicules; 6.

Fables; 7. Maximes; 8. Dialogues des Morts; 9. Causes de la perte de Rome, Lettres Persans; 10. Fragments de l'histoire naturelle; 11. Mort de Coligny (Henriade) Zadig; 12. Discours sur la banqueroute.

*Text Books Required.*

"Chardenal's French Idioms." "Histoire de la littérature française" by Tivier-Labriolle. "Le contrat social" or "La nouvelle Heloise" par J. J. Rousseau, (to be read in private.) "Les Femmes Savantes" by Molère. Charlotte Corday, by F. Ponsard. Examination paper will be set in French.

**VI—GERMAN (Third and Fourth Year.)**

THREE LECTURES PER WEEK.

Weekly exercises in *more difficult composition*. In general outlines the *History of Germany from the Treaty of Verdun to Luther*. *The History of German Literature* from the earliest time to Heine, with illustrative fragments of the works of the following authors: Klopstock,<sup>1</sup> Wieland,<sup>2</sup> Lessing,<sup>3</sup> Herder,<sup>4</sup> Goethe,<sup>5</sup> Schiller,<sup>6</sup> Chamisso,<sup>7</sup> The Körner,<sup>8</sup> Grillparzer,<sup>9</sup> Heine,<sup>10</sup>; further: *The Modern German Drama and Epic* with extracts of "Lurlei" by Julius Wolfe; "Heimat" by Sudermann; "Versunkene Glocke" by Hauptmann; "Das neue Gebot" by Wildenbruch.

1. Die beiden Musen, Fragments of the Messias. 2. Fragments of Geschichte der Abderiten. 3. Fragments of Nathan, Anti Götze. 4. Ideen zur Philosophie der Geschichte der Menschheit. 5. Fragments of Leiden des jungen Werther and of Wilh Meister. 6. Fragments of Wilhelm Tell. Lied von der Glocke. Taucher. 7. Frauen Lieben and Leben. Schlosz Boncourt. Salas-y-Gomez. 8. Poems and Fragments of Zriny, 9. Poems. 10. Poems.

*Text Books Required.*

Bernhardt's Deutsche Litteratur-Geschichte. "German Composition" by Paul R. Pope.

"Faust," (I part) by Goethe.

Lurlei, by J. Wolff, Die Harzreise, by H. Heine.

**VII—PURE MATHEMATICS.**

THREE HOURS PER WEEK.

Same as in Faculty of Science, Third Year, III.

**VIII—LAW.**

TORTS. (TWO LECTURES PER WEEK.)

Particulars of Liability, Persons affected by Torts, Agents and Servants, Exceptions, Assault and Battery, Imprisonment, Defamation, Deceit, Conspiracy, Trespass, Waste, Conversion, Nuisance, Negligence.

Text Book—Pollock.

CRIMES. (TWO LECTURES PER WEEK.)

Criminal Law Practice and Procedure.

Text Book—Snow's Criminal Code.

Students will also have access to a good working Library containing all the reports cited.

**IX—PHILOSOPHY AND ETHICS.**

FOUR LECTURES PER WEEK.

PHILOSOPHY—An elementary analysis of the leading problems of Philosophy; History of Greek Philosophy; Zeller's Outlines of Greek Philosophy, Rogers' History of Philosophy.

Bakewell, Source Book of Ancient Philosophy.

PSYCHOLOGY—Lectures, Reading and Class Experiments. Tichener Beginners' Psychology. James' Psychology.

ETHICS—(a) Study of primitive customs. (b) Greek Ethics. (c) Comparative study of Greek and Christian ideals. Maine, Ancient Law, Chap. V; Plato, Republic, I-IV; Aristotle; Ethics; Sidgwick, History of Ethics.

**X—HISTORY AND ECONOMICS.**

ENGLISH HISTORY—History of England to the Restoration; special period 1485-1660. Discovery and History of the New World.

ECONOMICS—History of Economic Theory, Introduction to the problems of value, interest, wages. Ingram, History of Political Economy. Taussig Principles of Economics. Object, Formation, Various Schools and Methods of Economic Science, Production.

**XI—CHEMISTRY.**

Same as in Faculty of Science, Third Year X.

**XII—PHYSICS.**

Same as in Faculty of Science, Third Year IV.

**XIII—HEBREW.**

Same as in Faculty of Divinity, Year II.

**FOURTH YEAR.**

**I—LATIN.**

TWO HOURS PER WEEK.

Cicero, De Oratore Book I.

Lucretius, De Rerum Natura Book I.

Virgil, Georgics, I and II.

Latin Prose Composition.

A selected period of the History of Rome.

Questions will be set upon the subject matter of the above works, including textual criticism.

**II—ENGLISH.**

LITERATURE. Special topics and periods as in the preceding year.

(1) Middle English. Introduction to the language and literature of the period with special attention to Chaucer.

(2) English Essayists from De Quincey to the present; contemporary essay writing studied by articles in the leading monthlies.

(3) The English Drama from the Restoration to the end of the nineteenth century. Representative plays by Dryden, Wycherley, Congreve, Otway, Farquhar, Sheridan, Goldsmith, Robertson and two or more later dramatists.

(4) Tennyson. *The Idylls* and the Arthurian story in English literature; *In Memoriam*, and a number of other poems assigned for reading and study.

(5) Carlyle, Ruskin and Arnold. The campaign against English materialism in the nineteenth century. [Not given in 1921-22.]

(6) The Pre-Raphaelites, Rossetti, Morris, Swinburne.

Essays on topics connected with the work in literature will be required.

PUBLIC SPEAKING. As in the third year.

### III—DIVINITY.

The same as the Second Year Faculty of Divinity.

### IV—GREEK.

TWO HOURS PER WEEK.

Aeschylus, Prometheus Vincetus.

Thucydides, Book VII.

Plato, Phaedo.

A selected period of the History of Greece.

Questions will be set upon the subject matter of the above works including textual criticism.

### V—FRENCH.

See under 3rd year, V, page 27.

### VI—GERMAN.

See under 3rd year, VI, page 28.

### VII—MATHEMATICS.

THREE HOURS PER WEEK.

DIFFERENTIAL & INTEGRAL CALCULUS—Singular Points; Polar Curves; Plücker's Equations; Curve Tracing; Beta and Gamma Functions; Rectification and Quadrature; Volumes and Surfaces of Solids; Dirichlet's Theorem.

DIFFERENTIAL EQUATIONS—Standard Forms of Equations of the First Order; Equations of Second Order; General Linear Equation with constant coefficients.

SPHERICAL TRIGONOMETRY—Relations between Trigonometric Functions of the sides and angles of a Spherical Triangle; Solution of Right Angled Triangles; Circumscribed and Inscribed Circles; Area of Spherical Triangle.

Text Book—Todhunter & Leathem's Spherical Trigonometry.

STATICS.

PARTICLE DYNAMICS.

### VIII—LAW.

CONSTITUTIONAL HISTORY. (TWO LECTURES PER WEEK.)

The History of the English Constitution from the time of the Norman Conquest.

Text Book—Creasy.

CONTRACTS. (TWO LECTURES PER WEEK.)

Formation of Contract, Offer and Acceptance, Form and Consideration, Capacity of Parties, Reality of Consent, Legality of Object, Assignment, Discharge, Principal and Agent.

Text Book—Anson's Principles of the English Law of Contract.

Students will also have access to a good working Library containing all the reports cited.

### IX—PHILOSOPHY AND ETHICS.

Philosophy—History of the Problems of Modern Philosophy.

Rogers, History of Philosophy.

Rand, Classical Philosophers.

Hoffding, Problems of Philosophy.

Bergson, Time and Free-will.

Psychology, General and Applied; with introduction to the Problems of Abnormal Psychology.

Titchener, James, Psychology.

Royce, Outlines of Psychology.

Hart, Psychology of Insanity.

Ethics—Modern Ethics.

Hedonism—Utilitarianism.

Ethics—Intellectualistic and idealistic systems, "intuitionism."

Sidgwick, History of Ethics; Butler, Sermons; J. S. Mill, Utilitarianism; Green, Prolegomena, III; Brett, Government of Man.

### X—HISTORY AND ECONOMICS.

ENGLISH HISTORY.—From Restoration Period to Present Day, with special study of Colonial Development.

OUTLINES OF CANADIAN AND UNITED STATES HISTORY.

ECONOMICS.—Modern Problems of Economics; Taussig, Principles of Economics; Gide, Principles of Political Economy.

### XI—CHEMISTRY.

Same as in Faculty of Science, Fourth Year, V.

### XII—PHYSICS.

Same as in Faculty of Science, Fourth Year, IV.

### XIII—HEBREW.

Selected Psalms.



### Requirements for the Degree of M. A.

Candidates for the Degree of M. A. must be graduates of this or some other recognized University, and are required by the Statutes to be of at least one year's standing from the time of taking the degree of B. A.

Every candidate must submit to the College Board the subject for a Thesis, with a bibliography or outline of course of study to be pursued in its preparation, and when this has been accepted by the Board, the Thesis prepared must be approved by two members of the Faculty. The Thesis must show evidence of original research, and embody results of study continued from the taking of B. A. degree.

## II.—School of Science.

### FACULTY OF SCIENCE.

#### THE PRESIDENT.

A. A. STURLEY, M. A.  
Professor of Physics and Chemistry.

.....  
Professor of Modern Languages.

W. D. MACFALANE, PH. D.  
Professor of English.

H. W. A. WADLEY, M. A.  
Professor of Mathematics.

R. L. NIXON, B. Sc.  
Professor of Engineering.

A course of study extending over four years for students desiring to proceed to the degree of B. Sc. in Science, and a course of study extending over three years for students desiring to proceed to the degree of B. Sc. in Engineering, which is granted after a further two years course in Engineer-

ing at the Nova Scotia Technical College or other approved institution.

Syllabus of subjects and periods per week:—

Subject.	1st Year.	2nd Year.	3rd Year.	4th Year.
English.....	3	3*	3*	3*
English Bible.....	1	1		
French or German.....	3*	3*	3*	3*
Mathematics.....	6	3	3	6
Mechanics.....		3		3
Physics.....	3½	2	2	2
Physics Lab.....	2	2	2	2
Chemistry.....	3½	2	2	2
Chemistry Lab.....		4	4†	4
Geology.....			2	2
Geology Lab.....			3	3
Descriptive Geometry.....	2	2†		
Machine Drawing.....	3	5†	2†	
Surveying.....	1	1		
Survey Drawing.....	2	2		
Kinematics.....			3†	
Kinematics Drawing.....			2†	
Graphical Statics.....	1†			
Materials of Construction.....		1†		

Subjects marked \* required only of students taking 4 year course in Science.  
" " † " " " " proceeding to Engineering.  
" " ‡ " " " " Pure Science & 1 term only.

A course of Summer reading will be prescribed each year for all Science Students and an essay or written composition may be required.

Students intending to take the University Graduates Examination for Nova Scotia may substitute the requirements of Regulation 226 (3) for Mathematics and Mechanics of Fourth Year or for the Modern Language of the 3rd and 4th years.

In the 3rd and 4th years one of the following may be omitted—Physics, Chemistry, Geology.

Students may enter the School of Science at King's College either by Junior Matriculation, admitting to the first year or by Senior Matriculation to the second year.

#### JUNIOR MATRICULATION.

Subjects:—I. Mathematics. II. English. III. Latin or German. IV. Greek or French.

For Particulars see Arts Matriculation.

Matriculated students who have completed the three years' course, as outlined below, to the satisfaction of the Faculty, will be granted certificates, which entitle them to enter the third year of the Provincial Technical College at Halifax.

It is possible for well-prepared students to compass in two years the work required for admission to the third year of the Technical College. Matriculation to such a course has been agreed upon by some of the affiliated institutions to be of the following standard:

1. *Arithmetic and Algebra*:  
Arithmetic.  
Algebra, as in Grade XII or equivalent.
2. *Geometry and Trigonometry*:  
Geometry, as in Grade XII or equivalent.  
Trigonometry, plane Trigonometry, as in Grade XII or equivalent.
3. *English*:  
As in Grade XII or equivalent.
4. *French or German*:  
As in Grade XII or equivalent.
5. *History*:  
As in Grade XI or English and Canadian History.
6. *One of the following*:  
(a) Latin as in Grade XI or equivalent.  
(b) Greek as in Grade XI or equivalent.  
(c) Additional work, equivalent to that required for Grade XII in the language chosen in subject 4.

#### SENIOR MATRICULATION.

Students who hold Grade A Nova Scotia Provincial certificate, (or an equivalent from another Province) covering the subjects required, are admitted to the second year.

#### FIRST YEAR.

##### I—ENGLISH.

Same as in Faculty of Arts, First Year.

##### II—ENGLISH BIBLE.

Same as in Faculty of Arts, First Year.

#### III—EXPERIMENTAL SCIENCE.

(a) *Three Lectures per Week.*

First Term.—General Elementary Physics.

Second Term.—General Elementary Chemistry.

Text Book—Experimental Science, Brown.

(b) *Laboratory Course. Two Hours per Week.*

Measurements of length, volume, curvature, weight. Experiments on laws of equilibrium of forces, simple pendulum, centre of gravity, pulleys, inclined plane, friction, Hook's Law, Young's Modulus, moments of Inertia and Torsion. Atwood's Machine. Use of Barometer, determinations of densities, Boyle's Law, etc.

Text Book.—Practical Physics. Barton and Black.

#### IV—FRENCH.

Only candidates who have passed the Matriculation Examination in French (or an equivalent examination) can enter this class. Students not taking a full course may enter this class with the consent of the Professor.

*Three Lectures per Week.*

Same as in First Year Arts VI, omitting however French History.

#### V—GERMAN.

*Beginners' Class. Three Lectures per Week.*

Same as in First Year Arts, VII.

#### VI—MATHEMATICS A.

*Three Hours per Week.*

##### ALGEBRA.

Ratio, Proportion and Variation; Progressions; Scales of Notation; Surds and Imaginary Quantities; Theory of Quadratic Equations; Permutation and Combinations; Mathematical Induction; Binomial Theorem; Logarithms.

Text Book—Hall & Knight's Higher Algebra.

##### TRIGONOMETRY.

Measurement of Angles; Trigonometrical Ratios; Trigonometrical Ratios of certain Angles; Ratios of Angles of any Magnitude; Circular functions of Allied Angles, Compound Angles; Formulæ connecting Ratios when  $A+B+C=180^\circ$ ; Use of Logarithms; Solution of Triangles.

Text Book—Hall & Knight's Elementary Trigonometry.

##### GEOMETRY.

Substance of Euclid Books IV and VI with supplementary matter.

#### VII—MATHEMATICS B.

ALGEBRA.—Binomial Theorem, any index, Exponential and Logarithmic Series.

Text Book—Hall & Knight's Higher Algebra.

TRIGONOMETRY.—Examples on the Solution of Triangles with Logarithms. Circumscribed, Inscribed and Escribed Circles of a Triangle.

Text Book—Hall & Knight's Elementary Trigonometry.

GEOMETRY.—Substance of Euclid Book XI with Supplementary matter.

### VIII—DESCRIPTIVE GEOMETRY.

*Two Hours per Week.*

Subjects:—Elementary Descriptive Geometry.

Text Book—First 75 pages of Armstrong's Descriptive Geometry.

### IX—MACHINE DRAWING.

*Three Hours per Week.*

Text Book—Machine Drawing and Design by Spooner.

### X—GRAPHICAL STATICS.

*One Hour per Week.*

### XI—SURVEYING.

Lecture and Drawing Course of 3 hours per week.

*Syllabus of Lecture Course:*

The use and adjustment of the surveying instruments.

The various methods employed in making surveys. Miscellaneous Surveying Problems.

Traverse and Topographical Surveying.

*Syllabus of Drafting Course of 2 hours per week:—*

Consists of making maps from the Field-notes.

Text Books—Breed and Hosmer's: The Principals and Practice of Surveying, Vol. I.

## SECOND YEAR.

### I—ENGLISH.

Same as in Faculty of Arts Second Year.

### II—ENGLISH BIBLE.

Same as in Faculty of Arts, Second Year.

### III—CHEMISTRY.

*2 Hours Lecture, 4 Hours Laboratory per Week.*

(a) **General Inorganic Chemistry.** The history, properties, and methods of preparation of the more important non-metallic elements and their compounds with their industrial application. Classification, general laws and principles, etc. First four chapters of Arithmetic of Chemistry.

Text Books:

General Chemistry for Colleges.—A. Smith.

Arithmetic of Chemistry.—Waddel.

(b) **Laboratory Course.**—Involving construction and use of simple apparatus, preparation and properties of more important elements and compounds. Experiments illustrating general laws and principles. Qualitative analysis of a simple salt. Simple gravimetric and volumetric denominations and standardisation of solutions.

Text Book:—

"A Laboratory Outline of College Chemistry," by A. Smith.

### IV—FRENCH.

**Three Lectures per Week.**

Same as in Second Year Arts, VI.

### V—GERMAN.

**Three Lectures per Week.**

Same as in Second Year Arts, VII.

### VI—PURE MATHEMATICS.

**Algebra**—Limiting Values; Convergency and Divergency of Series; Undetermined Coefficients; Partial Fractions; Summation of Series; Determinants; Theory of Equations; Probability; Misc. Theorems.

Text Book—Hall & Knight's Higher Algebra.

**Trigonometry.**—Examples on the Solution of Triangles with Logarithms; Areas of Quadrilaterals; Circular Areas; Properties of Regular Polygons; General Values; Inverse Functions.

Text Book—Hall & Knight's Elementary Trigonometry.

**Algebraic Geometry.**—Straight Line and Circle.

Text Book—Baker's Algebraic Geometry.

Differential Calculus Introductory.

### VII.—MECHANICS.

**Three Hours per Week.**

(a) **Statics.**

Parallelogram of Forces; Triangle of Forces; Lami's Theorem; Parallel Forces; Moments; Equilibrium under three Coplanar Forces; Friction; Centre of Gravity; Simple Machines.

**Dynamics.**

Velocity; Acceleration; Laws for Uniformly Accelerated Motion; Vertical Motion under Gravity; Motion on Smooth Inclined Plane; Newton's Laws of Motion; Momentum; Impulse; Uniform motion in a Circle; Simple Pendulum.

**Hydrostatics.**

Pressure at a Point; Bramah's Press; Pressures at different points of a Fluid; Pressure on a Plane Surface; Equilibrium of a Floating Body; Specific Gravity; Mechanical Properties of Gases; Thermometer; Barometer; Siphon; Diving Bell; Pumps.

Text Book—Loney's Elements of Statics and Dynamics.

**(b) Laboratory Course.****VIII—MACHINE DESIGN.**

Lecture and drawing course 5 hours per week.

Dimensioned freehand sketches are made from actual parts of machines and models, and from these finished drawings, tracings, and blue prints are made.

Text Book—Machine Drawing and Design by Spooner.

**IX—DESCRIPTIVE GEOMETRY.**

Two Hours per Week.

Advanced Descriptive Geometry with problems on points, lines and planes; intersections; tangencies; developments; perspective.

Text Book—Armstrong Descriptive Geometry.

**X—SURVEYING.****Course II.**

Lecture and Drawing Course of 3 hours per week.

Students must attend the Engineering Camp to be held in September, before the beginning of the Michaelmas Term.

Field work of 96 hours during the Session.

**Syllabus of Lecture Course:**

Observations for Meridian and Latitude; Use of the Solar Attachment; Traverse Surveying; Topographical Surveying; City Surveying; Stadia Surveying; Canadian System of Surveying Public Lands; Miscellaneous Problems; Earthwork computations.

**Syllabus of Drafting Course of 2 hours per week:—**

This consists of making Contour Maps from the Field notes of the Country Survey, the City Survey and the Stadia Survey.

Plotting a Mine Traverse Survey.

Graphical Solutions of Contour Problems.

Text Book—Breed and Hosmer's "The Principles and Practice of Surveying. Vol. I.

**XI—PHYSICS.**

Two hours Lecture and Two hours Laboratory per week.

**(a) Heat, Light and Sound.**

Text Book—Heat, Light & Sound.—Duncan & Starling.

**(b) Laboratory Course of Experiments in Heat, Light, and Sound.**

Text Book—Practical Physics.—Barton & Black.

Precision of Measurements and Graphical Methods.—Goodwin.

**XII—MATERIALS OF ENGINEERING.**

One Hour Lecture per Week.

Text Book—Moore.

**THIRD YEAR.****I—ENGLISH.**

Same as in Third Year Arts, II.

**II.—FRENCH or GERMAN.**

Same as in Third Year Arts, II.

**III—MATHEMATICS.**

Three Hours per Week.

**(a) Algebraic Geometry**—Parabola, Ellipse, Hyperbola, General Equation of the Second Degree.

Baker's Algebraic Geometry.

**(b) Solid Geometry**—Straight Line and Plane; Conicoids referred to their axes.

**(c) Differential Calculus.**—Leibnitz's Theorem; Partial Differentiation Asymptotes; Curve Tracing; Curvature; Envelopes; Undetermined Forms; Maxima and Minima.

Text Book—Nichol's Diff. and Integ. Calculus.

**(d) Integral Calculus.**—Integration of well known forms; Reduction formulæ; Rectification and Quadrature; Volumes of Solids.

Text Book—Nichol's Diff. and Integ. Calculus.

**IV—PHYSICS.**

Two hours Lecture and Two hours Laboratory per week.

Magnetism and Electricity.

Text Books—Magnetism & Electricity—Brooks & Poyser;

Practical Physics—Barton & Black.

Precision of Measurements and Graphical Methods.—Goodwin.

**V—MACHINE DESIGN.**

Two Hours per Week.

Complete designs are worked out of details of machines, engines, boilers.

Dimensioned freehand sketches are made from actual parts of machines, and from these finished drawings, tracings and blue prints are made.

Text Book—Machine Drawing and Design by Spooner.

#### VI—GEOLOGY.

(a) General Geology:—The Processes now at work modifying and changing the globe internally and on the surface; Earthquakes and Volcanoes. The Atmosphere, Running Water, Snow, Ice, Lakes, Animals and Plants, Swamp, River, Marine and Estuarine Deposits. Classification and Structure of Rocks Masses; Igneous Rocks, Sedimentary Rocks, Stratified Rocks, Fractures, Dislocations, Joints, Metamorphism.

Physiography; The Geographical Cycle, Land Sculpture, Adjustment of Rivers, Sea Coasts, Mountain Ranges.

Historical Geology.

(b) Field and Laboratory Work: Geological excursions on fine Saturdays in the Michaelmas Term. Windsor and the vicinity offer excellent opportunities for studying *in situ* many and varied geological processes.

During the winter months Saturday mornings are given over to examining more closely and determining if possible the rocks and fossils collected during the excursions. Some instruction is also given in the use of geological maps and the method of mapping work done in the field.

Text Book—"An Introduction to Geology" by W. B. Scott.

#### VII—CHEMISTRY.

2 Hours Lecture, 4 Hours Laboratory per Week.

(a) General Inorganic Chemistry. Continuation of Second Year Chemistry, including Metals and their compounds.

Text Book—General Chemistry for Colleges.—A. Smith.

(b) Laboratory Course of Qualitative Chemical Analysis; Detection and Separation of the Inorganic Bases and Acids.

Text Book.—Qualitative Analysis by A. A. Noyes.

#### VIII—KINEMATICS AND DYNAMICS OF MACHINERY.

Lecture Course of 3 hours per week.

Laboratory and Drawing Course of 2 hours per week.

Lecture Course:—

The application of the principle of Mechanics to machines.  
Study of elementary machine parts.  
Kinematic Chains Mechanisms.

Virtual Coefficient of Friction."—Bigelow.

Velocity and Acceleration of a Point on a Wheel train gearing."—Gatterman.

Forces in a machine."—H. P. Talbot.

Inertia of reciprocating parts."—H. P. Talbot.

Governors. Fly-wheel."—H. P. Talbot.

Friction and efficiency of gears and valves."—H. P. Talbot.

Valve gears and valves."—H. P. Talbot.

Principles of balancing of engines."—H. P. Talbot.

Balancing of Engines."—H. P. Talbot.

#### Laboratory and Drawing Course.

The necessary drawings will be made in Kinematics will be

#### FOURTH YEAR.

##### I—FRENCH OR ITALIAN.

Same as in Fourth Year of the University and VI.

##### II—PURE MATHEMATICS.

Three Hours per Week.

Differential and Integral Calculus.—Singular Points; Polar Curves; Plucker's Equations; Curve Tracings; Beta and Gamma Functions; Rectifications and Quadrature; Volumes and Surfaces of Solids; Dirichlet's Theorem; Differential Equations; Standard Forms of Equations of the First Order; Equations of Second Order; General Linear Equation with constant coefficients.

Spherical Trigonometry.—Relations between Trigonometric Functions of the sides and angles of a Spherical Triangle; Solution of Right Angled Triangles; Circumscribed and Inscribed Circles; Area of Spherical Triangle.

##### III—MECHANICS.

Three Hours per Week.

Statics.

Particle Dynamics.

##### IV—PHYSICS.

Two Hours Lecture, and Two Hours Laboratory per week.

General Physics with more advanced work in (a) and any two of the subjects b-g.

(a) Properties of Matter.

(b) Heat.

(c) Light.

Dimensioned freehand sketches are made from actual parts of machines, and from these finished drawings, tracings and blue prints are made.

Text Book—Machine Drawing and Design by Spooner.

#### VI—GEOLOGY.

(a) General Geology:—The Processes now at work modifying and changing the globe internally and on the surface; Earth-quakes and Volcanoes. The Atmosphere, Running Water, Snow, Ice, Lakes, Animals and Plants, Swamp, River, Marine and Estuarine Deposits. Classification and Structure of Rocks Masses; Igneous Rocks, Sedimentary Rocks, Stratified Rocks, Fractures, Dislocations, Joints, Metamorphism.

Physiography; The Geographical Cycle, Land Sculpture, Adjustment of Rivers, Sea Coasts, Mountain Ranges.

Historical Geology.

(b) Field and Laboratory Work: Geological excursions on fine Saturdays in the Michaelmas Term. Windsor and the vicinity offer excellent opportunities for studying *in situ* many and varied geological processes.

During the winter months Saturday mornings are given over to examining more closely and determining if possible the rocks and fossils collected during the excursions. Some instruction is also given in the use of geological maps and the method of mapping work done in the field.

Text Book—"An Introduction to Geology" by W. B. Scott.

#### VII—CHEMISTRY.

2 Hours Lecture, 4 Hours Laboratory per Week.

(a) General Inorganic Chemistry. Continuation of Second Year Chemistry, including Metals and their compounds.

Text Book—General Chemistry for Colleges.—A. Smith.

(b) Laboratory Course of Qualitative Chemical Analysis; Detection and Separation of the Inorganic Bases and Acids.

Text Book.—Qualitative Analysis by A. A. Noyes.

#### VIII—KINEMATICS AND DYNAMICS OF MACHINERY.

Lecture Course of 3 hours per week.

Laboratory and Drawing Course of 2 hours per week.

#### Lecture Course:—

The application of the principle of Mechanics to machines.

Study of elementary machine parts.

Kinematic Chains Mechanisms.

Virtual Centres. Relative velocities in Mechanisms.

Velocity and Acceleration diagrams.

Wheel trains and teeth. Bevel, epicyclic, worm and helical gearing.

Forces in a machine, crank effort diagrams.

Inertia of reciprocating parts.

Governors. Fly-wheels.

Friction and efficiency. Lubrication.

Valve gears and valve diagrams.

Principles of balancing with applications.

Balancing of Engines and Locomotives.

#### Laboratory and Drawing Course:—

The necessary drawings in connection with the above course in Kinematics will be worked out.

### FOURTH YEAR.

#### I—FRENCH or GERMAN.

Same as in Fourth Year Arts, V and VI.

#### II—PURE MATHEMATICS.

Three Hours per Week.

Differential and Integral Calculus.—Singular Points; Polar Curves; Plucker's Equations; Curve Tracings; Beta and Gamma Functions; Rectifications and Quadrature; Volumes and Surfaces of Solids; Dirichlet's Theorem; Differential Equations; Standard Forms of Equations of the First Order; Equations of Second Order; General Linear Equation with constant coefficients.

Spherical Trigonometry.—Relations between Trigonometric Functions of the sides and angles of a Spherical Triangle; Solution of Right Angled Triangles; Circumscribed and Inscribed Circles; Area of Spherical Triangle.

#### III—MECHANICS.

Three Hours per Week.

Statics.

Particle Dynamics.

#### IV—PHYSICS.

Two Hours Lecture, and Two Hours Laboratory per week.

General Physics with more advanced work in (a) and any two of the subjects b-g.

(a) Properties of Matter.

(b) Heat.

(c) Light.

- (d) Sound.  
(e) Electricity.

(f) Recent developments in Electricity }  
(g) Wireless Telegraphy. } Can only be taken  
if (e) is other sub-  
ject offered.

Text Books.—for subjects (a) (b) (c) (d) (e)—Poynting & Thomson's Text Book of Physics.

for (f)—Crowther's Ions, Electrons and Ionizing Radiations.

for (g)—Stanley's Wireless Telegraphy.

#### V—GEOLOGY.

Geology.—General Geology with especial reference to the geology of the Province and Dominion. Students will be required to present a report at the end of the year upon some local geological problem.

Economic Geology.—As in Kemp's Ore Deposits.

Mineralogy.—Crystallography and Determinative, Blow-pipe Analysis, Dana's Manual.

Ample opportunity is given the student to gain practical familiarity with minerals and rocks by reference to the specimens in the College museum and the large teaching collection in the lecture room.

Text Books—

"Text Book of Geology" by Sir A. Geikie.

"Outlines of Field Geology" by Sir A. Geikie.

"Kemp's Ore Deposits of the United States and Canada."

#### For Reference.

Dawson's Acadian Geology, Chamberlin and Salisbury's Geology, Reports of Canadian Geological Survey, Zittel's Palaeontology, Nicholson's Palaeontology, Brush and Penfield's Manual of determinative Mineralogy and Blow-pipe Analysis.

#### VI—CHEMISTRY.

Two Hours Lecture, and Four Hours Laboratory per week.

- (a) Introductory course in Physical Chemistry.  
(b) A course in general elementary Organic Chemistry.  
(c) Laboratory course of 4 hours a week for one term.—Preparation, detection and analysis of the commoner organic compounds.  
(d) Laboratory course of 4 hours a week for one term on Inorganic Quantitative analysis.

Text Books:—

"Theoretical & Physical Chemistry."—Bigelow.

"Organic Chemistry."—I. Remsen.

"Practical Method of Organic Chemistry."—Gatterman.

"Intro. Course of Quantitative Chemical Analysis."

H. P. Talbot.

#### VII—APPLIED MECHANICS.

Lecture and Drawing Course 3 hours per week.

Syllabus:—Theory of Machines and Machine Design. Theory of Structures and Structural Design. Strength and Elasticity of Materials.

#### Requirements for the Degree of M. Sc.

A candidate for the degree of M. Sc., must be a B. Sc. of three years' standing. He shall submit a thesis on some Scientific subject, embodying original work, which must be approved by two members of the Faculty of Science.

#### Requirements for the Degree of D. Sc.

A candidate for the degree of D. Sc. must be a B. Sc. of eight years' standing, or a M. Sc. of four years' standing.

He must compose and submit a Thesis on some approved subject, exhibiting results of original research, and must furnish proof of continued successful work in Science.

### III—School of Divinity.

#### FACULTY OF DIVINITY.

THE PRESIDENT, (*Ex-Officio.*)

VEN. ARCHDEACON VROOM, M. A., D. D., D. C. L.  
Senior Professor of Divinity.

REV. T. H. HUNT, M. A., D. D.  
Alexandra Professor of Divinity.

REV. G. F. KINGSTON, M. A., B. D.  
Professor of Divinity.

REV. CHARLES PATERSON-SMYTH, M. A., B. D.  
Fellow and Lecturer in Divinity.

REV. W. S. H. MORRIS, M. A.,      REV. R. A. HILTZ, M. A.  
Lecturers in Pastoral Theology.

(Other special Lecturers to be announced.)

Such persons as have been accepted by the Bishop of Nova Scotia, or another Bishop, may become students in Divinity under any of the following conditions:

Undergraduates in Arts who have matriculated in Greek, may take the first year of the Divinity Course concurrently with the third year's work in Arts (making Divinity one of the options for Degree) and the second year of the Divinity Course concurrently with the fourth year of the Arts Course, and complete the third and fourth years of the Divinity Course after graduation in Arts.

Graduates in Arts who have not taken Divinity as a Degree option, are required to take three years of Divinity work, combining the work of the first and second years of the Divinity Course in their first year of residence, and subsequently taking the work of the third and fourth years in order.

Candidates not required by the Bishop to take an Arts Course may, after passing a qualifying examination, take the four years of the Divinity Course, filling in the first and second years with selected courses in Arts.

Candidates who pass the first year Arts examinations and complete the Divinity Course may receive the diploma L. S. T.

With consent of the Bishop concerned, and upon the recommendation of the Faculty of Divinity, the first two years of the Divinity Course may be taken in one.

Unless special instructions to the contrary have been received by the Faculty from the Bishop concerned, all Divinity students are required to attend the prescribed lectures of the Divinity course, and such others as may, from time to time, be arranged, and to pass satisfactory examinations in all subjects. A report of each student will be sent to his Bishop at the end of each term, concerning attendance at lectures, examinations, attendance at Chapel and general conduct.

The course of instruction qualifies candidates for the "Voluntary Preliminary" or First B. D. Examination of the Board of Examiners for Degrees in Divinity appointed under Canon X of the General Synod.

#### FIRST YEAR IN DIVINITY.

1. *Greek Testament*—(Two hours a week.)  
The Synoptic Gospels,
2. *English Bible*—(One hour a week.)  
General Introduction to the Old Testament, comprising (a) History of the Canon and grouping of the Books, (b) Text and Ancient Versions, (c) Authenticity of the Pentateuch, (d) Summary of the Books.
3. *\*Hebrew*—(Two hours a week.)  
Grammar; Genesis I—VIII.
4. *Dogmatics*—(One hour a week.)  
Doctrine of God, The Trinity, The Incarnation.

#### SECOND YEAR IN DIVINITY.

1. *Greek Testament*—(Two hours a week.)  
Gospel of St. John, Acts.
2. *English Bible*.—(One hour a week.)  
Authorship, Date and Subject matter of the Books; relation of the Old Testament to the New; Theology of the Epistles and their chronological order; the Apocalypse.

\*Two years of Hebrew are required for the Divinity Testamur, but otherwise it is not compulsory.



3. *Hebrew*—(Two hours a week.)  
Selected Chapters of Narrative.
4. *Dogmatics*—(One hour a week.)  
Sin, The Atonement, Holy Spirit, Inspiration, Grace.
5. *Church History*—(Two hours a week.)  
The Christian Church of the first six centuries.

#### THIRD YEAR IN DIVINITY.

1. *Greek Testament*—(One hour a week.)  
Epistle to the Romans, the Pastoral Epistles.
2. *English Bible*—(One hour a week.)  
History of the Canon of the New Testament.
3. *Hebrew*—(One hour a week.)  
Selected Psalms.
4. *Dogmatics*—(One hour a week.)  
The Church, the Ministry, the Sacraments.
5. *Church History*—(Two hours a week.)  
The British Church; Celtic and Roman Missions; the Church of England before the Conquest; Growth of the Papal Power; the New Learning and the English Reformation; Puritanism and Erastianism; the Methodist Revival; the Oxford Movement.
6. *Liturgics*—(One hour a week.)  
Early Christian worship; Primitive Liturgics; Later Liturgical Development; the Breviary; Sources of the English Prayer Book; History of the Book of Common Prayer; the Scottish American and Irish Prayer Books.
7. *Apologetics*—(One hour a week.)  
Christian Theism; Evidences of Christianity; Anti-Theistic Theories; Butler's "Analogy."
8. *Homiletics*—(One hour a week.)  
Composition of Sermons, Theory and Practice of Preaching.
9. *Pastoral Theology*—(One hour a week.)  
The Pastoral Office and the Cure of Souls; Institutions and Duties of Rectors; Churchwardens and Vestries; Synods; Canonical Obedience; the Parish Priest in his private and public life; his studies, his devotions, Parochial Organization; Sunday School work; Parish Visiting; The Ministration of the Word and Sacraments.
10. *Patristics*—(One hour a week.)  
Selected Treatises from Greek and Latin Fathers.
11. *Elocution and Reading*—(One hour a week.)

#### FOURTH YEAR IN DIVINITY.

1. *Greek Testament*—(One hour a week.)  
Selected Epistles.
2. *English Bible*—(One hour a week.)  
Old Testament Prophecy; Introduction to the different Prophetical Books and to the Books of the Hagiographa.
3. *Hebrew*—(One hour a week.)  
Selections from the Prophets.
4. *Dogmatics*—(One hour a week.)  
Creeds and Confessions of Faith, Eschatology.
5. *Church History*—(Two hours a week.)  
The Church of the Middle Ages; the Continental Reformation.
6. *Liturgics*—(One hour a week.)  
Teaching and principles of the Book of Common Prayer with instructions for the performance of its services.
7. *Apologetics*—(Continuation of third year work.)
8. *Pastoral Theology*—(As in third year.)
9. *Homiletics*—(As in third year.)
10. *Ecclesiastical Polity*—(One hour a week.)  
Hooker's Fifth Book with Sketch of the other Books.
11. *Patristics*—(One hour a week.)  
Selected Treatises from Greek Fathers.
12. *Moral Theology*—(One hour a week.)  
Christian Ethics.
13. *Elocution and Reading*—(One hour a week.)

#### DEGREES IN DIVINITY.

The University of King's College having entered into an agreement with the other Church Universities and Theological Schools in Canada to adopt a uniform standard for Degrees in Divinity, all such Degrees are conferred now only by the University in accordance with Canon X of the General Synod of Canada. Particular information concerning the regulations for such Degrees, is set forth in the Calendar of the Faculty of Divinity which may be had upon application to Archdeacon Vroom, Senior Professor of Divinity, or to the President.

## Scholarships and Prizes.

### THE GOVERNOR GENERAL'S MEDAL.

Given to the candidate who obtains the highest standing in the examinations for B. A. Degree.

### THE COGSWELL SCHOLARSHIPS.

[Two of \$120 per annum each. Open to candidates for Holy Orders, under the direction of the Trustees.]

Regulations relating to these Scholarships will be posted on the Notice Board; or they may be had on application to the President.

### THE STEVENSON SCHOLARSHIPS.

THREE, OF \$60 EACH.

Founded by the Rev. J. Stevenson, M. A., (sometime Professor of Mathematics,) tenable for two years, and open to matriculated students in their second year of residence.

The examination for these scholarships is held in September. Candidates must select from the first year course subjects, aggregating not less than 600 and not more than 700 marks, viz.:

Greek, Latin, English, Divinity, French, German, Engineering, Drawing, each 100; Science, Mathematics, each 200.

The marks of any paper shall not count in the total unless they are at least 50 per cent. of the maximum.

### THE McCAWLEY CLASSICAL SCHOLARSHIP.

Established as a testimonial to the Rev. G. McCawley, D. D., on his retirement from the office of President.

Open to matriculated undergraduates who have completed their first year of residence.

### SCHOOL SCHOLARSHIPS.

A scholarship of Fifty Dollars to be given to one pupil each from the Collegiate School, Windsor, Rothesay Collegiate School and the Kings County Academy, Kentville, on matriculation into and remaining in residence at King's College for one year—the amount in each case to be deducted from tuition fees.

### MATRICULATION SCHOLARSHIP.

A scholarship of \$50 has been offered by the Board of Governors of King's College to the highest matriculant from the Collegiate School, Windsor, Rothesay Collegiate School, St. Peter's

College School, Charlottetown, and The Church School for Girls, entering King's College and remaining in residence one year. This scholarship is to be competed for at the June matriculation and the amount will be deducted from the tuition fees of the winner.

### THE DANIEL HODGSON SCHOLARSHIP.

This scholarship, amounting to about \$175 per annum, is given alternately to the Universities of Laval and King's College, and is tenable for four years. Its object is to assist students in entering Holy Orders. Application shall be made and certificate of having passed matriculation shall be filed before July 15th.

Candidates for the scholarship must be under the age of 23 years. They must be natives of Prince Edward Island and residents therein for the space of one year at least before the time of their application for scholarship.

The holder of the scholarship at the end of each half year shall file certificates from the authorities of the College that he is taking a full Arts Course, that his moral conduct has been good and that his attention to his studies and his general conduct have been satisfactory. No portion of the scholarship will be paid without the presentation of said certificate.

### LAURIE MEMORIAL SCHOLARSHIP.

Three Scholarships of about \$120 each, founded in memory of Major Gen. Laurie, D. C. L., open to candidates for the Ministry, under the direction of the trustees. Particulars may be had from the President.

### THE BINNEY EXHIBITION.

\$50 PER ANNUM.

Founded in the year 1858, by Miss Binney, sister of the late Visitor, and daughter of the late Rev. Hibbert Binney, in memory of her father.

The design of this Scholarship is to assist students who may require assistance, and who shall have commended themselves by their exemplary conduct, although their abilities and acquirements may not qualify them to be successful competitors for an open Scholarship.

The "Catherine L. Moody" Exhibition of \$50 awarded to the student entering the second year preparing for Holy Orders, whose scholarship and exemplary conduct, shall in the opinion of the Faculty merit it. To be held for two years.

**THE JACKSON EXHIBITION.**

\$25.00.

Founded by the Rev. G. O. Cheese, M. A., (Oxon.) in memory of his former tutor, the late T. W. Jackson, M. A., of Worcester College, Oxford. Awarded each year by vote of the Faculty.

**S. P. C. K. STUDENTSHIPS.**

The Society for Promoting Christian Knowledge offers Studentships of about \$145 each, tenable for three years, to students, who, after taking a Divinity Course at King's College or some other approved College, promise to devote five years to pastoral work in the North-West.

**DIVINITY GRANTS.**

Grants to aid students in Divinity who require assistance are made by the Archbishop of Nova Scotia, and by the Bishop of Fredericton. The holders of these must fulfil such conditions as the Bishop lays down, and in every case a personal interview must be had.

The recipients of these grants must sign a bond to serve in the Diocese of Nova Scotia or the Diocese of Fredericton from the time of the closing of their course at King's for a number of years equal to that for which they have received grants.

Any misconduct or failure to keep terms or unfavorable report from the President will cause the grant to be withdrawn without notice.

These students must hold themselves ready to serve as Lay Readers if required.

**THE ALMON-WELSFORD TESTIMONIAL.**

William J. Almon, Esq., M. D., endowed King's College with \$400, the interest of which is appropriated as a prize to be competed for by the matriculated students in their first year of residence. The prize shall be presented by the President, in the College Hall, at the beginning of the next Academical year, and the successful candidate shall in a Latin oration, commemorate the gallant and loyal deeds of Major Welsford.

**BISHOP BINNEY PRIZE.**

(\$20.00.)

This prize, which was founded by Mrs. Binney in memory of her husband, the late Bishop Binney, is given to the undergraduate who passes the best examination at the end of the second year.

**THE McCAWLEY HEBREW PRIZE.**

£9 Sterling. Open to all members of the University who are below the standing of M. A., and who have not already gained the first premium in Hebrew.]

This prize is given out of the interest of a Trust Fund, the gift of the Rev. George McCawley, D. D., in the hands of the Society for the Propagation of the Gospel in Foreign Parts.

**THE AKINS' HISTORICAL PRIZE.**

T. B. Akins, Esq., D. C. L., Barrister-at-Law, and Commissioner of Public Records, vested in the Governors, as Trustees, a sum of money sufficient to found a prize of thirty dollars annually for the best Paper or Essay on the County History of Nova Scotia, embracing matters derived from all local records and traditions relating to the early and progressive history of each county. The Essays must be given in to the Secretary of the Governors, on or before the first day of April.

The Essays, when handed in, are the property of the College. Subject for 1921: "The History of the County of Cape Breton."

**HALIBURTON PRIZE.**

Given by the Haliburton Club, for the best essay on a selected subject for 1921-22: "The beginnings of Journalism in Nova Scotia." Essays should reach the President of the Club before Sept. 15th.

**THE CROCKETT GREEK PRIZE.**

Founded in memory of the late Rev. Stuart Crockett, D. C. L., by Mrs. Crockett, of New York. Awarded to the student securing first place in Greek of the Third or Fourth years.

**THE WALLACE GREEK TESTAMENT PRIZE.**

Established by the late Canon C. H. Wallace, of Bristol, England, in memory of his father, Charles Hill Wallace, Barrister of Lincoln's Inn, who graduated at King's College in 1823, and died in England in 1845.

**THE HARRY CRAWFORD MEMORIAL PRIZE.**

The Harry Crawford Memorial of \$25.00 annually, is offered by a friend in memory of Harry Crawford, son of Thomas H. and Elizabeth E. Crawford, Hampstead, N. B., and a student of this College, who died true to his King and his Country, April 14th, 1915, while serving in the Canada Motor Cycle Corps.

The prize is awarded by the Faculty to the student taking the third year Arts course, whose character and scholarship average

age highest in his class. A student intending to pursue the divinity course will be given the preference.

#### DR. M. A. B. SMITH'S PRIZE.

Dr. Smith's Prize of \$20 is given for excellence in reading Scripture and the Liturgy of the Church.

#### THE HENRY D. deBLOIS ENGLISH PRIZE.

The late Rev. H. Henry D. deBlois, D. C. L., a graduate of King's College, left the sum of \$200 to the Governors of the College to establish a prize in English.

The interest of this sum is given annually as a prize to the student of the third or fourth year Arts presenting the best English essay during the academical year.

#### ORATORIAL COMPETITION.

Messrs. F. E. Harriott and W. Ker Dimock have kindly offered a gold and silver medal for an oratorical competition to be held in Convocation Hall on the first Thursday in November.

This competition is open to all students who have debated at least twice in some King's College Student Society.

#### THE COGSWELL CRICKET PRIZE.

Charles Cogswell, Esq., M. D., made a donation of \$400 to the Governors of King's College, the interest of which is to be expended in the purchase of a set of Cricket Bats, etc., to be given to the best player among the winners of a cricket match to be played annually on the College grounds. "The object of the donation is to promote the health of the students and encourage them in the prosecution of their studies."

#### THE BISSETT MEDAL.

Dr. E. Bissett of Windsor, has offered a silver medal annually for the best all round athlete to be elected by the students.

## Societies connected with the College.

### The Alumni of King's College.

This is a Society incorporated by Act of the Legislature, consisting of graduates and others whose object is the furtherance of the welfare of the University. The annual fee for membership is \$2.00

The annual meeting of the Society is held the day before Encaenia.

The present officers of the Society are:

A. Moulton, Esq., President.

Ven. Archdeacon Vroom, D. D., Vice President.

Rev. Noel Wilcox, M. A., Secretary.

W. L. Payzant, Esq., M. A., LL. B., Treasurer.

### The Alexandra Society of King's College.

This Society, which has branches all over the Maritime Provinces, was formed in Halifax in 1902 as the Women's Auxiliary to the Alumni, its object to aid the Alumni in raising funds for the College.

Officers for the year:—

Hon. President—Mrs. T. Stannage Bolye.

President—Miss Carrie Bowman.

Vice Presidents—Mrs. Viets, Yarmouth N. S.

Mrs. G. W. Hodgson, Charlottetown.

Mrs. Hanington, Dorchester, N. B.

Cor. Secretary—Miss Sophie Wilson, Halifax.

Rec. Secretary—Mrs. H. B. Tremain, Windsor.

Treasurer—Mrs. Davies, Windsor.

The Friends of King's is an organization formed to help the College in any way it can, directly or indirectly.

## STUDENTS' ORGANIZATIONS.

### THE STUDENT BODY.

Senior Student ..... H. H. Walsh.

Treasurer ..... G. F. Edsforth.

Sec.-Treas. .... F. W. Fry.

The chief business of the Student Body is transacted by the Executive Council, composed of the Senior, the Treasurer and Secretary and a representative from each of the four classes. This Executive meets weekly and has general supervision over the

funds of the students' societies, excepting those of the K. C. A. A. A.

#### THE "KING'S COLLEGE RECORD."

Editor-in-Chief ..... H. H. Walsh, B.A.  
Business Manager ..... W. B. Morehouse.

The Record (founded 1878) is published by the undergraduates of the College, monthly, during the Academic year.

The associate editors and the business manager of the Record are elected at the first meeting of Michaelmas Term.

#### THE QUINCTILIAN SOCIETY.

President ..... G. F. Edsforth.  
Secretary ..... J. J. Alexander.

This is the College Debating Society and was founded in 1845. Meetings are held every Friday evening during the Academic year at 8 o'clock. There are no fees. All students are expected to join this society. It was owing to the initiative of this society that the Maritime Intercollegiate Debating League was established.

#### THE HALIBURTON.

President ..... A. A. Sturley, M. A.  
Secretary ..... T. B. Wintle.

This Society was founded and incorporated by Act of Legislature, 1884. Its object is the cultivation of a Canadian Literature and the collecting of Canadian books, manuscripts and of books bearing upon Canadian History and literature. Membership is open to all members of the College and residents in the town of Windsor. Any literary man may be elected an honorary member. Meetings are held every alternate Saturday at 8 p. m., the annual meeting in Encaenia Week. Membership fee, one dollar per annum.

#### THE STUDENTS' MISSIONARY SOCIETY.

Patrons..... { Lord Archbishop of Nova Scotia.  
Lord Bishop of Fredericton.  
President of King's College.

President ..... H. H. Walsh.  
Secretary ..... G. White.

This Society was founded in 1890. Its object is to promote interest in missionary work, and to further the missionary work of the Church, especially in the Maritime Provinces. Membership is open to all members of the College. The annual meeting is held on St. Andrew's Day, or as near to it as possible.

#### KING'S COLLEGE AMATEUR ATHLETIC ASSOCIATION.

Honorary President..... Prof. Sturley, M. A.  
President ..... to be elected.  
Secty.-Treas. .... to be elected.

The object of this association is the promotion of amateur sport of all kinds. Gymnasium classes are held regularly under the direction of a competent instructor. The K. C. A. A. A. is affiliated with the Maritime Provinces Amateur Athletic Association, and is governed according to the rules of that association. Membership is open to all members of the College. The association has formed an Inter-Provincial College Hockey League.

#### KING'S COLLEGE RADIO CLUB.

Hon. President..... Prof. A. A. Sturley, M. A.  
President..... F. G. O'Brien.  
Vice-President..... G. H. Burchill.  
Sec.-Treas..... E. H. Harris.

This is the youngest Society in the College, organized in Oct., 1919—it is already one of the most popular.

King's leads in being the first College in the Maritime Provinces to have a complete Wireless installation.

The equipment at present is as follows:

One two wire aerial for short wave work.

One long single wire for receiving high power stations.

Two separate receiving sets, one a short wave regenerative set employing one Marconi V. T., and the other a long wave set for 2,000 to 15,000 metres, using three Marconi V. T.'s.

One sending set comprising 1-2 K. W. Thordarson Transformer oil immersed plate condenser, non-synchronous rotary gap, pancake oscillation transformer and hot wire ammeters.

Messages are received from all the high power stations of America and Western Europe.

The object of the Club is to enable students to gain a good general and practical knowledge of the Wireless Art.

#### KING'S COLLEGE CO-EDS' ASSOCIATION.

Hon. President..... The Dean of Women.  
President ..... Miss Leslie Pickett.  
Secty.-Treas. .... Miss Dorothea Jefferson.

This club was organized in October 1913. It is open to all women graduates and undergraduates of King's College. The primary object is to extend the interests of King's College among women. Membership fee, \$1.00 per annum.

# King's College School.

(Established 1788.)

The Collegiate School is the oldest Boys' School in Canada. Its present buildings are situated on the beautiful College campus. They are all, including the Gymnasium, provided with electric light and hot water heating.

The School provides a good general education, and pupils are prepared for matriculation at King's and other Universities, for the entrance examination Royal Military College, Kingston, Ont., for Army and Navy, and for commercial pursuits. Careful attention is given to moral training and religious instruction.

Special attention is given to the Junior Department, boys 8 to 12 years.

## STAFF

HEAD MASTER—REV. W. W. JUDD, B. A. (Trin. Coll., Tor.); M. A. (King's); late Head of Junior School at Ridley College, St. Catharines.

RESIDENT SENIOR ASSISTANT—MR. F. BUCKLE, B. A., Trinity Hall, Cambridge, also Scholar of Brighton College.

RESIDENT JUNIOR ASSISTANTS—MR. F. M. BUTLER; REV. R. L. CARSON, B.A.; MR. G. R. G. TIMOTHY, A.A.; MRS. R. L. CARSON, B.A.

NURSE—MISS STELLA S. SMITH, Graduate.

LADY MATRON—MISS F. E. JUDD.

MUSIC—MRS. J. FOSTER, (Halifax Conservatory.)

MANUAL TRAINING—MR. C. L. WOOD.

DRILL AND GYMNASTICS—LIEUT. CUNNINGHAM.

Fees :—\$420 to \$450 per Annum.

Full information concerning Exhibitions and all matters connected with the School is contained in the School Calendars for which apply to the Headmaster.

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