

W. H. Lindsay,

CALENDAR

Rev. Coler.

OF

Dalhousie College

AND

UNIVERSITY,

HALIFAX, NOVA SCOTIA.

*6.20
11-00*

*40-00
15-70
9-00
5-00
17-40
87-10*

FACULTY OF ARTS.

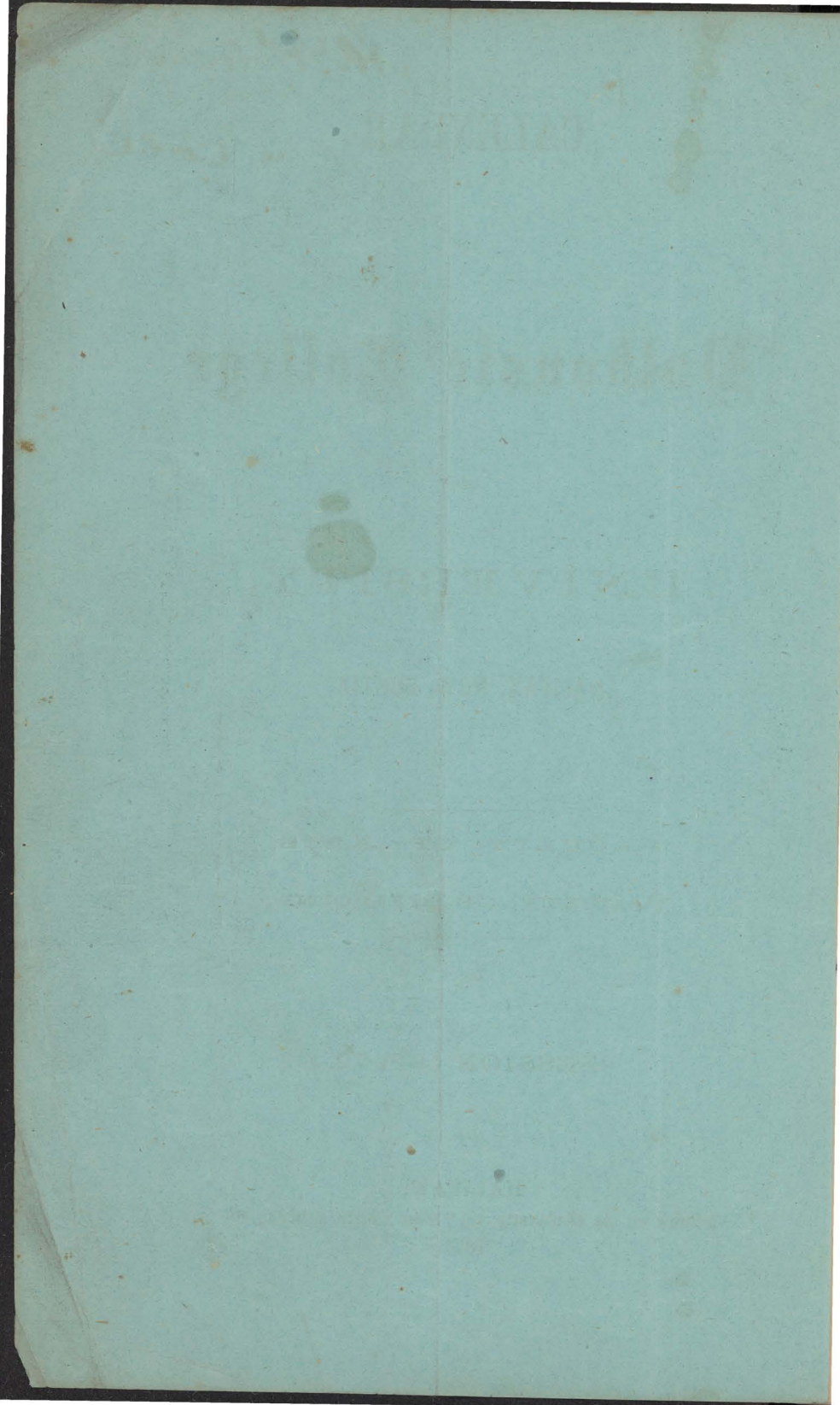
FACULTY OF MEDICINE.

SESSION 1871-72.

HALIFAX:

Printed for the University, by "Nova Scotia Printing Co."

1871.



CALENDAR

OF

Dalhousie College

AND

UNIVERSITY,

HALIFAX, NOVA SCOTIA.

FACULTY OF ARTS.

FACULTY OF MEDICINE.

SESSION 1871-72.

HALIFAX:

Printed for the University, by "Nova Scotia Printing Co."

1871.

CALENDAR

UNIVERSITY OF HALIFAX
FACULTY OF MEDICINE

UNIVERSITY

HALIFAX, NOVA SCOTIA

FACULTY OF ARTS

FACULTY OF MEDICINE

SESSION 1874

HALIFAX

Printed by the University of Halifax, Nova Scotia

1874

University Calendar,

1871-72.

1871.	
Oct. 20.	Fr. Meeting of Board of Governors.
25.	W. Opening of Winter Session. Matriculation Examination and Examination for Scholarships.
26.	Th. Supplementary Examinations, and Exam. in History.
27.	Fr. Meeting of Senate. Registration and Matriculation.
30.	Mo. Classes opened, and Class Tickets issued.
31.	Tu. Meeting of Convocation at three o'clock, p.m. Addresses by Principal Ross and Professor Johnson.
Nov. 8.	W. Final Matriculation and Supplementary Examinations.
10.	Fr. Anniversary Day (College opened in 1863).
Dec. 5.	Tu. Meeting of Senate, 1 P. M.
22.	Fr. Christmas Vacation begins.
25.	Mo. Christmas Day.
1872.	
Jan. 3.	W. College re-opens.
9.	Tu. Meeting of Senate, 1 P. M.
16.	Tu. College established, 1823.
26.	Fr. Meeting of Board of Governors.
Feb. 6.	Tu. Meeting of Senate, 1 P. M.
14.	W. Ash Wednesday. No Lectures.
March 5.	Tu. Meeting of Senate, 1 P. M.
14.	Th. Essays for the <i>Sir Wm. Young</i> Prize, the <i>Grant</i> Prize, and the <i>Colonel Laurie</i> Prize, to be given in.
29.	Fr. Good Friday. No Lectures.
31.	Su. Easter Day.
April 2.	Tu. Meeting of Senate, 1 P. M.
10.	W. Examinations in Latin and in Roman History.
11.	Th. " Greek.
12.	Fr. " Mathematics.
15.	Mo. " Natural Philosophy and Rhetoric.
16.	Tu. " Chemistry.
17.	W. " Logic, Metaphysics, History.
18.	Th. " Ethics.
19.	Fr. Meeting of Board of Governors. Examinations in French and German.
22.	Mo. Meeting of Senate, 10 A. M.
23.	Tu. Results of Examinations declared.
24.	W. Meeting of Convocation at three o'clock, P. M. Winter Session ends.
29.	Mo. Meeting of Senate. Summer Session opens.
30.	Th. Lectures begin in Faculty of Arts.
May 23.	Th. Foundation Stone of College Building laid in 1820.
24.	Fr. Queen's Birthday. <i>Holiday.</i>
June 4.	Tu. Meeting of Senate, 1 P. M.
20.	Th. Accession of Queen Victoria.
21.	Fr. Halifax settled, 1749. <i>Holiday.</i>
	Meeting of Board of Governors.
25.	Tu. Lectures close in Faculty of Arts.
26.	W. Examinations in Arts
27.	Th. Examinations continued.
28.	Fr. Summer Session of Arts Faculty ends.
July 1.	W. Dominion Day. <i>Holiday.</i>

Dalhousie College and University.

BOARD OF GOVERNORS.

HON SIR WILLIAM YOUNG, Knight, Chief Justice of Nova Scotia. *Chairman.*
HON. JOSEPH HOWE, M.P., Secretary of State for the Provinces.
HON. CHARLES TUPPER, C. B., M. D., M. P., President of Privy Council.
HON. J. W. RITCHIE, Judge of Supreme Court of Nova Scotia.
HON. S. L. SHANNON, Q. C.
REV. GEORGE M. GRANT, M. A.
JAMES F. AVERY, M. D.
CHARLES ROBSON, ESQ.
ALEXANDER FORREST, M. D.
GEORGE THOMSON, Esq., *Secretary and Treasurer.*

SENATE OF THE UNIVERSITY.

VERY REV. JAMES ROSS, D. D., *Principal.*
REV. WILLIAM LYALL, LL. D.
CHARLES MACDONALD, M. A., *Secretary of Senate.*
JOHN JOHNSON, M. A.
GEORGE LAWSON, Ph. D., LL. D.
JAMES DEMILL, M. A.
WILLIAM J. ALMON, M. D., *President of the Faculty of Medicine.*
ALEXANDER P. REID, M. D., *Dean of the Faculty of Medicine.*

Janitor of the College.—JOHN WILSON.

FACULTY OF ARTS.

VERY REV. PRINCIPAL ROSS, D. D., *Professor of Ethics and Political Economy*
REV. WILLIAM LYALL, LL. D., *Professor of Logic and Metaphysics.*
CHARLES MACDONALD, M. A., *Professor of Mathematics.*
JOHN JOHNSON, M. A., *Professor of Classics.*
GEORGE LAWSON, Ph. D., LL. D., *Professor of Chemistry and Mineralogy.*
JAMES DEMILL, M. A., *Professor of History and Rhetoric.*

JAMES LIECHT, Esq., *Tutor in Modern Languages.*

FACULTY OF MEDICINE.

VERY REV. JAMES ROSS, D. D., *Principal (ex officio) and Matriculation Examiner.*
WILLIAM J. ALMON, M. D., *Emeritus Professor of Obstetrics and the Diseases of Women and Children, President of the Faculty.*
ALEXANDER P. REID, M. D., L.R.C.S. Edin., L.C.P. and S. Ca., *Professor of the Principles and Practice of Medicine, Dean and Registrar of the Faculty.*
GEORGE LAWSON, Ph. D., LL. D., *Professor of Chemistry and Chemical Toxicology.*
WILLIAM B. SLAYTER, M.D., M.R.C.S.L., L.R.C.P. Edin., *Professor of Obstetrics and the Diseases of Women and Children.*
EDWARD FARRELL, M. D., *Professor of Principles and Practice of Surgery.*
JOHN SOMMERS, M. D., *Professor of Physiology.*
HUGH A. GORDON, M.D., L.R.C.S. Edin., *Professor of Anatomy.*
ALFRED H. WOODILL, M.D., *Professor of Materia Medica and Therapeutics.*
J. R. DEWOLF, M.D., Edin., L.R.C.S. Edin., and
HIRAM BLANCHARD, Esq., Q.C., M.P.P., *Professors of Medical Jurisprudence.*
THOS. TRENAMAN, M.D., and JOHN F. BLACK, M.D., *Demonstrators of Anatomy.*

Janitor.—JOHN WILSON.

Faculty of Arts.

§ I.—WINTER SESSION.

The Session of 1871-72 will commence on Wednesday, October 25th, 1871, and end on Wednesday, April 24th, 1872.

§ II.—ADMISSION OF STUDENTS.

Applicants for admission as Students will present themselves at the College on the day of opening, at 11 o'clock, A. M. They may enter, either

1st, as *Undergraduates*, with the intention of applying for the Degree of B. A. at the end of the course; or

2nd, as *General Students*, who do not look forward to a University Degree.

Students entering as Undergraduates of the First Year are required to pass the Matriculation Examination at the opening of the Winter Session, and to take the classes prescribed for the four years' course.

Students may also enter as Undergraduates of the Second Year by passing a satisfactory Entrance Examination in Classics and Mathematics, and taking the usual Undergraduate Curriculum of the second, third and fourth years, with the classes prescribed by the Senate during the two intervening Summer Sessions.

General Students are not required to pass any preliminary examination, and may attend any classes they choose.

No person can be admitted as an Undergraduate after ten days from the opening of the Session, without the special permission of the Senate. General Students will be admitted at any time during the Session.

Undergraduates from other Universities will be admitted to similar standing in this University, on producing satisfactory certificates, if, on examination, they be found qualified to enter the classes proper to their year.

§ III.—MATRICULATION EXAMINATIONS.

FOR THE FIRST YEAR.

The subjects of examination for entrance into the First Year, are:—

I. IN CLASSICS.—Latin Grammar, Greek Grammar, one easy Latin, and one easy Greek Author.

The following Authors are recommended:

Latin.—Caesar, one book; Virgil one book; Cicero, two Orations; Horace, one book of Odes.

- Greek*.—Xenophon, one book; Homer, one book; Lucian's Select Dialogues; New Testament, one Gospel.
- II. IN MATHEMATICS.—Arithmetic; Euclid's Elements, Book I.; Algebra to the end of Division.
- III. IN ENGLISH.—Grammar; History; Geography; Composition.

FOR THE SECOND YEAR.

In order to enter as an Undergraduate of the Second Year, a Student must pass an examination,—

1. In the *Classics* of the first year as specified in § XII. or their equivalents.
2. In the *Mathematics* of the first year as specified in § XII. or their equivalents.
3. In *English Grammar, English History, Geography and Composition*.

§ IV.—COURSE OF STUDY.

ORDINARY COURSE FOR DEGREE OF B. A.

First Year.—(1) Classics. (2) Mathematics. (3) English Language, Rhetoric.—N. B. For first or second class in Classics, extra work is required. (See Calendar, § XII.)

Second Year.—(1) Latin and Greek. (2) Mathematics (3) Chemistry. (4) Logic and Psychology.—N. B. For first or second class in Classics, extra work is prescribed, and for first or second class in Mathematics an additional hour a week is required.

Third Year.—(1) Latin. (2) Mixed Mathematics and Experimental Physics. (3) Metaphysics. (4) French. (5) One of the following subjects, viz.: Greek, German, Chemistry, or Botany and Zoology,—(the two latter to rank as one subject.)

Fourth Year.—(1) Ethics and Political Economy. (2) History. (3) French. (4) Latin. (5) One of the following subjects, viz.: Greek, Mixed Mathematics and Experimental Physics, Geology and Mineralogy, German or Spanish.

At the beginning of the second year, Undergraduates are required to pass an Examination in Ancient History. (See § XII.)

HONOUR COURSE FOR B. A. DEGREE.

The following is the Regular Course of study for Candidates who take a separate Honour Course:—

First Year.—Same as Ordinary Course.

Second Year.—Same as Ordinary Course.

Third Year.—(1) Classics. (2) Mathematics. (3) English Language. A Student taking an Honour Course may omit the fifth (5) or selective subject of the ordinary Course for the year.

Fourth Year.—(1) Classics. (2) Mathematics. (3) History. A Student taking the Mathematical Honour Course in the fourth year may omit the Classics of the year. A Student taking an Honour Course in Classics or History may omit the fifth (5) or selective subject of the year.

COURSE FOR DEGREE OF BACHELOR OF SCIENCE, B. Sc.

To obtain the Degree of B. Sc., a Student is required to pass a Matriculation Examination similar to that required from Undergraduates in Arts for the first year, (§ III.), with the exception of Greek, which is not required in the B. Sc. Course, and to take the following Classes:—

First Year.—(1) Latin. (2) Mathematics. (3) Rhetoric. (4) German (or Spanish). (5) Botany and Zoology.

Second Year.—(1) Latin. (2) Mathematics. (3) Chemistry. (4) Logic and Psychology. (5) German.

Third Year.—(1) Mixed Mathematics. (2) French. (3) Chemistry. (4) Experimental Physics.

Fourth Year.—(1) Ethics and Political Economy, or History. (2) Mixed Mathematics and Experimental Physics. (3) Mineralogy and Geology. (4) French. (5) Analytical Chemistry. (6) Either Physiology or Human Anatomy, (Lectures by Professors in Medical Faculty.)

SUMMER SESSION.

The Summer Session will commence on Monday, 29th April, 1872, and close at the end of June.

Classes will be opened for instruction in the following subjects:

Classics.	Optics.
Astronomy.	Botany.
Applied Logic.	History of Modern Literature.
Modern Languages.	

Undergraduates who wish to take Summer Sessions may so modify their Course as to graduate as B. A. by taking the Winter and Summer Sessions of three Academic years, and an additional Winter Session.

In order to enter upon this course, Students must be able to pass the Entrance Examination of the second year, and must take the classes prescribed by the Senate in the Summer Session.

§ V.—FEES.

The Fee to each Professor, whose class or classes a Student enters, is *six dollars* for the Session, except the following classes, the fee for each of which is \$4.00:—Spanish, Hebrew, Botany and Zoology, Mineralogy and Geology.

The Fees for Anatomy and Physiology are \$6 each; but Students paying these limited fees are not qualified to present

themselves for Examination in the Medical Department. Any Undergraduate who has paid fees twice, either to the Professor of Classics or to the Professor of Mathematics, may attend the classes of such Professor during the remainder of his Undergraduate course without paying an additional fee.

General Students pay a fee for every class they attend.

Practical and Analytical Chemistry (optional), fee, *six dollars*. Students taking this class are required to provide their own apparatus.

In addition to Class Fees, there is a Matriculation Fee of *two dollars*, payable by Undergraduates at their first entrance. General Students pay an annual Registration Fee of *one dollar*.

Both Undergraduates and General Students are required at the beginning of each Session to pay a Library fee of *one dollar*, which entitles to the use of the Library for the year.

Matriculation or Registration Tickets and Class Tickets must be taken out on the first day of Lectures, no Student being allowed to attend a Class without them.

The total fees of Undergraduates who take the ordinary B. A. course in Arts, are as follows:—

Classes of First Year, with Library and Matriculation Fees..	\$21
“ Second “ with Library.....	25
“ Third “ “	13 to \$19
“ Fourth “ “	(according to Classes selected.) 19

§ VI.—GRADUATION.

DEGREE OF B. A.

The ordinary Degree of B. A. may be obtained by attending the prescribed Courses of Lectures extending over four Winter Sessions, or, by attending three Winter and two Summer Sessions, when the candidate is prepared, on entry, to pass the advanced Matriculation Examination, and enter as a second year's Student. Undergraduates must pass Examinations at the close of each Session of their attendance on the subjects of the ordinary Course.

DEGREE OF B. A. WITH HONOURS.

The Degree of B.A. with Honours may be obtained by taking one or more of the Honour Courses, and by passing the Corresponding Examination at the close of each Session.

In no case shall a Student be entitled to a Degree who has not passed in every subject of the course.

The Fee for Diploma is *five dollars*, payable before the commencement of the Final Examinations.

DEGREE OF M. A.

Bachelors of Arts of at least three years' standing, maintaining meanwhile a good reputation, shall be entitled to the Degree of M. A., on producing an approved Thesis on a literary or professional subject.

Fee for Diploma, *twenty dollars*, except in case of those who entered as Undergraduates prior to 1869, who pay *five dollars*.

DEGREE OF B. Sc.

The Degree of B. Sc. may be obtained by attending the prescribed Courses of Lectures extending over four Sessions, and passing Examinations in the subjects taken, at the close of each Session. A Student qualified on entering to pass a satisfactory Examination on all the first year's subjects of the Science Course (§ XII.) will be admitted as a Second Year's Undergraduate in the same way as for the B. A. Degree.

Fee for Diploma B. Sc., *five dollars*, payable before the last year's Examination.

§ VII.—REGULATIONS FOR EXAMINATIONS.

1. If an Undergraduate absent himself from any University Examination, except for such cause as may be held good by the Senate, he will lose his year.

2. If an Undergraduate fail to pass in any Examination, he will be allowed a Supplementary Examination on the first Friday of the following Winter Session, on giving notice to the Secretary of the Senate; but failure in more than two subjects at the Sessional Examination will involve the loss of the year. N. B.—In the application of this rule, Classics and Mathematics will *each* be reckoned as two subjects,

3. In all cases, a Student who presents himself for Supplementary Examination on any day except that mentioned in Rule 2nd, will be required to pay a fine of *two dollars*.

4. Students are forbidden to bring any books or manuscripts into the Examination Hall, unless by direction of the Examiner, or to give or receive assistance at the Examinations. If a Student violate this rule, he will lose his Sessional Examination, and it shall be at the discretion of the Senate whether he be allowed a Supplementary Examination.

5. Students who pass the Examination in the several subjects of their respective years, are arranged in three classes, according to the merit of their answers in these subjects.

6. A position in the First or Second Class will be considered honourable.

§ VIII.—SCHOLARSHIPS.

TWO OPEN SCHOLARSHIPS.

Two scholarships, entitling to free attendance on all the classes of the Undergraduate course as long as the holders maintain a first or second rank at the Sessional Examinations, are offered by the Professors for competition this year; the competition to take place at the Matriculation Examination.

§ IX.—PRIZES AND CERTIFICATES OF MERIT.

THE GRANT PRIZE.

A Prize of \$20 is offered by the Rev. G. M. GRANT, M. A., for the best Essay on "The Mechanical Theory of Heat." Books recommended for consultation:—Groves' Theory of Correlation of the Physical Forces, Tyndal on Heat, Smithsonian Report for 1868.

Competition is open to all Students of the years 1870-71 and 1871-72.

THE SIR WILLIAM YOUNG PRIZES.

The following Prizes are offered by the HON. SIR WILLIAM YOUNG, Knt., Chief Justice of Nova Scotia:—

1. A Prize of \$20 for the best Essay "On the Political and Moral Effects of the Revolution in England in 1688."

Open for competition to all Students in actual attendance during the session in the Faculty of Arts.

2. An annual Prize of \$20 in Elocution, open for competition to all Arts Students of the first and second years. This prize will be competed for at the close of the Session; it cannot be held twice by the same Student.

THE COLONEL LAURIE PRIZE.

A Prize of \$20 is offered by COLONEL LAURIE, of Oakfield, for the best Essay on Manufactures in Nova Scotia; how coöperation may best be employed for their development.

All Essays are to be sent in not later than 14th March, 1872, each signed with a motto, and accompanied by a sealed envelope, bearing the motto, and containing the name of the writer.

NORTH BRITISH SOCIETY'S BURSARY.

A Bursary, of the annual value of \$60, has been founded in connection with Dalhousie College, by the North British Society of Halifax, to be competed for at the Sessional Examinations of the Second Year's course, and held during the Third and Fourth Years of the Undergraduate's course. Candidates must be Undergraduates who have completed two years of the Curriculum, and must be eligible at the proper age to be Members of the North British Society. The next competition will take place in April, 1872, at the Sessional Examinations.

CERTIFICATES OF MERIT.

In the First and Second Years only of the Undergraduate Course, Certificates of Merit of the First and Second Rank will be given to Students who have obtained a first or second class standing in the aggregate of the branches of study proper to their year.

§ X.—ATTENDANCE AND CONDUCT.

1. All Undergraduates and General Students attending more classes than one are required to provide themselves with caps and gowns and wear them in going to and from the College. Gowns are to be worn at Lectures, and at all meetings of the University.

2. Attendance upon all the classes of the year, except those announced as optional, shall be imperative on all Undergraduates.

3. A Class Book will be kept by each Professor, in which the presence or absence of Students will be carefully noted.

4. Professors will mark the presence or absence of Students immediately before commencing the exercises of the class, and will note as absent those who enter thereafter, unless satisfactory reasons be assigned.

5. Absence or tardiness without sufficient excuse, and inattention or disorder in the Class Room, if persisted in after due admonition by the Professor, or the discipline proper to the class, will be reported to the Senate.

6. The amount of absence or tardiness which shall disqualify for the keeping of a Session will be determined by the Senate.

7. Injuries to the building or furniture will be repaired at the expense of the party by whom they have been caused, and such other penalty will be imposed as the Senate may think proper.

8. While in the College, or going to or from it, Students must conduct themselves in an orderly manner. Any Professor observing any improper conduct in a Student will admonish him, and, if necessary, report to the Principal.

9. When a Student is brought before the Senate and convicted of a violation of any of these rules, the Senate may reprimand privately, or in the presence of the Students, or report to the parents or guardians, or disqualify for competing for Prizes or Certificates of Merit, or report to the Governors for suspension or expulsion.

10. Students not residing with parents or guardians must report to the Principal their places of residence within one week after their entering College, and the Principal may disallow such residence if he see good cause. Any change of residence must also be reported.

11. It is expected that every Student will attend divine service on Sunday, in one of the city churches or chapels.

§ XI.—THE LIBRARY.

Through the liberality of a number of the friends of the College, a library has been formed, which consists of a careful selection of the most useful works in each department of study embraced in the University course. There are likewise a few works in general literature. The library embraces in all upwards of 1100 volumes. All students are entitled to the use of the Library, on payment of the annual fee of *one dollar*.

§ XII.—COURSE OF STUDIES, SESSION 1871-72.

CLASSICS.

Professor.....JOHN JOHNSON, M. A.

ORDINARY COURSE—FIRST YEAR.

- LATIN.—Cicero : Fourth oration against Cataline.
 *Second Philippic.
 Virgil—Æneid, Book IX.
 GREEK.—Lucian : Cataplus.
 Demosthenes : *First Philippic.
 COMPOSITION.—Principia Latina, Part IV.

SECOND YEAR.

- LATIN.—Livy : Book XXI., chaps. 1—30.
 *Book XXI. chaps. 30—63.
 Horace : Odes, Book III.
 *Odes, Book IV.
 GREEK.—Herodotus : Book I, §§ 26—70.
 *Book I, §§ 70—95.
 Homer : Iliad, Book IX.
 COMPOSITION.—Principia Latina, Part IV.
 Initia Græca, Part III.

THIRD YEAR.

- LATIN.—Horace : Satires, Book I, 3, 4, 5, 6, 9.
 Terence : Adelphi.
 GREEK.—Euripides : Medea.
 COMPOSITION.—Principia Latina, Part V.
 Initia Græca, Part III.

FOURTH YEAR.

- LATIN.—Tacitus : Annals, Book I.
 Juvenal : Satires, III. X.
 GREEK.—Demosthenes : Philippics, I, III.
 Plato : Apologia Socratis.
 COMPOSITION.—Principia Latina, Part V.

HONOUR COURSE.

[The following Course, in addition to the Ordinary, is prescribed for Classical Honours in the third and fourth years.]

THIRD YEAR.

- LATIN.—Horace : Epistles, Books I, II, Ars Poetica.
 Plautus : Miles Gloriosus.
 Terence : Heautontimorumenos.
 Virgil : Georgics, Books I, IV.
 GREEK.—Æschylus : Prometheus Vincetus.
 Sophocles : Œdipus Rex.
 Homer : Iliad, Books XVIII, XXIV.
 COMPOSITION.—Latin Prose.
 LITERATURE.—Roman Classical Literature (Brown's.)
 Theatre of the Greeks (Donaldson's.)

* Additional, First or Second Year, for Sessional Examinations.

FOURTH YEAR.

LATIN—Cicero : Tusculan Questions, Book I.
Tacitus : Agricola, Germania.
Juvenal : Satires.

GREEK—Thucydides : Book II.
Plato : Phædo.
Demosthenes : De Corona.

COMPOSITION.—Latin Prose.

HISTORY AND LITERATURE.—Arnold's History of Rome ; Mommsen's History of Rome, Vol. I. ; Merivale's Hist. of the Romans, Vols. I., II., III. ; Grote's History of Greece, Vols. IV., V., XI., XII. ; Müller and Donaldson's Hist. of Ancient Greek Literature.

PHILOLOGY.—Müller's Science of Language, Vols. I., II. ; Clarke's Comparative Philology ; Donaldson's Varronianus, chaps. VI., VII., VIII., IX., XI., XIV. ; Donaldson's Cratylus, Book I., chap. 5, Book III., chap. 2, Book IV., chap. 4 ; Lewis's Essay on the Roman Languages.

MATHEMATICS.

Professor.....CHARLES MACDONALD, M. A.

ORDINARY COURSE—FIRST YEAR.

ALGEBRA—Fractions, Equations of the First and Second Degrees, Proportion, Inequalities, Variations, Progressions.

GEOMETRY.—First Book of Euclid, revised ; Second, Third, Fourth Books, Definitions of the Fifth, Sixth Book commenced, with Geometrical Exercises and practical applications.

PLANE TRIGONOMETRY.—Solution of Plane Triangles.

ORDINARY COURSE—SECOND YEAR.

GEOMETRY.—Sixth Book of Euclid finished ; Geometrical Exercises ; Geometrical Drawing.

PLANE TRIGONOMETRY.—Circular and Gradual Measure ; Functions of sum and difference of angles, &c. ; Relation of the sides and angles of triangles ; Mensuration of Heights and Distances ; Elementary Problems in Navigation ; Use of Logarithm Tables.

ALGEBRA.—Simple Indeterminate Equations ; Binomial Theorem ; Compound Interest.

Extra : The Eleventh Book of Euclid, 21 Propositions ; Geometrical Exercises : Conic Sections—The Parabola, geometrically treated.

TRIGONOMETRY.—Extension of the Ordinary Course.

ALGEBRA.—Permutations, Combinations, Probabilities, Life Assurance. Binomial Theorem and Logarithmic Series. Indeterminate Coefficients.

THIRD YEAR.—HONOUR COURSE.

Spherical Trigonometry, with application to Astronomy ; DeMoivre's Theorem, with angular analysis ; Analytical Geometry—The Straight Line, the Circle, the Parabola, the Ellipse, the Hyperbola.

Differential Calculus—Differentiation, Theorems of Maclaurin and Taylor, Maxima and Minima of Functions of One Variable. Theory of Equations : Theorems regarding Roots of Equations ; Sturm's Theorem with Horner's Method of Solution.

FOURTH YEAR.—HONOUR COURSE.

Analytical Geometry—The Locus of the Equation of the Second Degree between two variables—Plane Loci.

Differential Calculus, continued; Maxima and Minima of Functions of two variables; Applications to Curvature; the Tracing of Curves from their Equation.

Integral Calculus: Application to Areas, Surfaces, Volumes, &c. Differential Equations, selected course.

Applications of the preceding to Mechanics.

BOOKS RECOMMENDED—(In the order of preference.)

For Ordinary Course—Todhunter's, Cassell's, Chambers's Elements of Geometry.

Colenso's Trigonometry, 1st part.

Colenso's Algebra, 1st and 2nd parts.

Drew's Conic Sections.

For Honour Course—Todhunter's Spherical Trigonometry.

Colenso's Trigonometry, 2nd part.

Puckle's Conic Sections (or Todhunter's.)

Hall's Differential and Integral Calculus.

Todhunter's Theory of Equations.

Boole's Differential Equations.

ETHICS.

Professor.....VERY REV. PRINCIPAL ROSS, D. D.

ORDINARY COURSE.

ETHICS.—(*Fourth Year.*)—*Text Books*: Stewart's Active and Moral Powers of Man. Whewell's Elements of Morality.

POLITICAL ECONOMY.—(*Fourth Year.*)—*Text Books*: Mill's Political Economy. Wayland's Political Economy.

HONOUR COURSE.

Mackintosh's Dissertation on the Progress of Ethical Philosophy.

Butler's Sermons on Human Nature, with the Preface and the Dissertation on the Nature of Virtue.

Smith's Theory of Moral Sentiments.

Thompson's Christian Theism.

Aristotle's Ethics, Books I., III., VI., X. (in English), or

Plato's Republic, Books I., IV. (in English.)

Smith's Wealth of Nations, by McCulloch.

NATURAL PHILOSOPHY.

EXPERIMENTAL PHYSICS.

Professor—VERY REV. PRINCIPAL ROSS, D. D.

ORDINARY COURSE.

(*Third Year.*)—*Text Book*: Lardner's Handbook.

(*Fourth Year.*)—*Text Book*: Lardner's Handbook.

HONOUR COURSE.

Ganot's Physics, by Atkinson.

Heat a Mode of Motion, by Tyndal.

Optics, by Sir David Brewster.

The Student's Text Book of Electricity (Noad.)

Nichol's Physical Sciences (Article Magnetism.)

MATHEMATICAL PHYSICS.

Professor.....CHARLES MACDONALD, M. A.

ORDINARY COURSE.

(Third Year.)—*Text Books:* Galbraith and Haughton's Manuals of Mechanics and Hydrostatics.

(Fourth Year.)—*Text Books:* Galbraith and Haughton's Manuals of Astronomy and Optics.

HONOURS.

Extension of the Ordinary Course. Prescribed Sections of Parkinson's Elementary Mechanics, Parkinson's Optics, and Hymer's Astronomy, and Selections from Walton's Mechanical Problems.

LOGIC, PSYCHOLOGY, METAPHYSICS AND ESTHETICS.

Professor.....WILLIAM LYALL, LL. D.

LOGIC AND PSYCHOLOGY—ORDINARY COURSE.

(Second Year.)—*Text Books:* Sir William Hamilton's Lectures on Logic. Prof. Lyall's "Intellect, the Emotions, and the Moral Nature."

HONOUR COURSE.

Sir William Hamilton's Lectures on Logic. Whately's Logic, Books II., III.; Mill's Logic, I. II.; Locke's Essay concerning Human Understanding, I., II.; Sir William Hamilton's Lectures on Metaphysics; Stewart's Dissertation on the History of Metaphysical Science.

METAPHYSICS AND ESTHETICS—ORDINARY COURSE.

(Third Year.)—*Text Books:* Sir William Hamilton's Lectures on Metaphysics. Lyall's Intellect, the Emotions, and Moral Nature. Mansel's Metaphysics. Lewes' Biographical History of Philosophy. Cousin on The Beautiful. Alison's Essay on the Nature and Principles of Taste.

HONOUR COURSE.

Descartes' Principles of Philosophy. Berkeley's Principles of Human Knowledge, and Dialogues between Hylas and Philonous. Reid's Essays, VI. Sir William Hamilton's Discussions: Philosophy of Perception and Philosophy of the Unconditioned. Mill's Examination of Sir William Hamilton's Philosophy. Mansel's Metaphysics. Lewes' Biographical History of Philosophy. Cousin's Philosophy of the Beautiful. Alison's Essays on the Principles of Taste. Burke on the Sublime and Beautiful.

CHEMISTRY AND NATURAL SCIENCE.

Professor.....GEORGE LAWSON, PH. D., LL. D.

ORDINARY COURSES—WITH ADDITIONAL FOR HONOURS.

CHEMISTRY.—(Second Year.)—*Text Book:* Fowne's Manual of Chemistry, the whole of the Inorganic part (excepting Physics), and a portion of the Organic.

CHEMISTRY.—(Third Year.)—Same Text Book, including whole of the Organic Chemistry.

ANALYTICAL CHEMISTRY.—Macadam's Practical Chemistry; Fresenius's Qualitative and Quantitative Analysis.

BOTANY.—*Text Book:* Balfour's Outlines or Gray's Structural and Systematic Botany. For Honours: Gray's Manual.

ZOOLOGY.—*Text Book:* Dawson's Hand-Book of Zoology. For Honours: Dallas's Natural History.

MINERALOGY AND GEOLOGY.—*Text Book*: Dana's Manual of Geology. For Honours: Dawson's Acadian Geology; Dana's Mineralogy.

HISTORY AND RHETORIC.

Professor.....JAMES DEMILL, M. A.

ORDINARY COURSE.

RHETORIC.—(*First Year.*)—*Text Books*: Whately's Elements of Rhetoric; Campbell's Philosophy of Rhetoric.

ENGLISH LANGUAGE.—(*First Year.*)—*Text Books*: Angus's Hand-book of the English Language.

ELOCUTION.—*Books Recommended*: Porter's Analysis of the Principles of Rhetorical Delivery. Russell's Elocution.

HISTORY.—(*Fourth Year.*)—*Text Books*: Gibbon's Decline and Fall of the Roman Empire. Hume's History of England. History of France. Sismondi's Italian Republics. Hallam's Middle Ages. Taylor's Modern History.

HONOUR COURSE.

I. ENGLISH LANGUAGE.—(*Third Year.*)—Shute's Anglo-Saxon Manual. Corson's Selections from Saxon and English Literature. Lectures on the English Language (George P. Marsh.) Study of the English Language (F. A. Marsh.) Latham's English Language. Trench's English Past and Present. Glossary. Study of Words.

II. HISTORY.—(*Fourth Year.*)—Bede's Ecclesiastical History of England. William of Malmesbury's Chronicle. Freeman's History of Norman Conquest of England. Froude's History of England. Macaulay's History of England. Hallam's Constitutional History. Bryce's Holy Roman Empire. Stephen's Lectures on the History of France. Mallet's Northern Antiquities. Smythe's Lectures on Modern History. Buckle's History of Civilization.

MODERN LANGUAGES.

Tutor.....JAMES LIECHTI, Esq.

ORDINARY COURSE.

FRENCH.—(*Third Year.*)—Pujol's Grammar (first part.)—A Comedy of Scribé.

GERMAN.—(*Third Year.*)—Otto's Conversation Grammar.—Adler's Reader.

FRENCH.—(*Fourth Year.*)—Pujol's Grammar (second part.)—A Comedy of Scribé or Molière.

GERMAN.—(*Fourth Year.*)—Otto's Conversation Grammar.—A Play of Schiller or Goethe.

HONOUR COURSE.

Students will be examined in any two of the following subjects in *French* or *German*:

FRENCH.—Molière (*Le Tartufe.*) Racine (*Athalie.*) Châteaubriand (*Le Génie du Christianisme.*) Mme. de Staël (*Corinne ou l'Italie.*)

GERMAN.—Schiller (*Lied von der Glocke.*) Schiller (*Wallenstein.*) Goethe (*Faust.*) Lessing (*Minna von Barnhelm.*)

SPANISH LANGUAGE.—*Text Books*: Ollendorf's Spanish Grammar, by Velazquez and Simonné. Velazquez' Spanish Reader.

TIME TABLE.--FACULTY OF ARTS.

HOURS OF CLASSES.	FIRST YEAR.	SECOND YEAR.	THIRD YEAR.	FOURTH YEAR.
9—10.	Classics (Friday.) French—Spanish.	Classics (Friday) Spanish.	Classics. Honour Classics. French.	Classics. Honour Classics. German.
10—11.	Classics—Daily.	Mathematics.		Ethics and Polit. Economy— Daily.
11—12.	Mathematics—Daily.	Classics—Daily.		Hebrew—2 days. History—2 days.
12—1.	Rhetoric and English Lang. —Daily.	Analytical Chemistry— Mon., Wed., Friday.	Math. Physics. Exmpl. Physics. Advanced Physics.	Math. Physics. Expl. Physics.
1—2.			Analytical Chemistry— Mon., Wed., Friday. Honour Mathematics— Tues. and Thursdays.	History (Hon.) Mathem. (Hon.)
2—3.		Chemistry—Daily.	Chemistry—Daily.	
3—4.		Logic and Psychology— Mon., Wed., Friday.	Metaphysics—Tues., Thurs. Botany and Zoology— Mon. and Wednesdays. German— Friday.	Mineralogy and Geology— Tues. and Thursdays. French— Wednesdays.

Prizes and Certificates of Merit,

AWARDED AT CLOSE OF WINTER SESSION, 1870---71.

UNIVERSITY PRIZES.

FOURTH YEAR.

CLASSICS.....James Gordon McGregor.
ETHICS.....James Gordon McGregor.
HISTORY.....James Gordon McGregor.
MODERN LANGUAGES.....James Gordon McGregor.

THIRD YEAR.

CLASSICS.....William P. Archibald.
METAPHYSICS.....William P. Archibald.
NATURAL PHILOSOPHY...Arthur J. Trueman.
CHEMISTRY.....Ephraim Scott.

SECOND YEAR.

CLASSICS.....Charles D. McDonald.
MATHEMATICS.....Alexander H. McKay.
PSYCHOLOGY.....Alexander H. McKay.

FIRST YEAR.

CLASSICS.....James C. Herdman.
MATHEMATICS.....Wm. B. Ross.
RHETORIC.....Wm. B. Ross.

CERTIFICATES OF GENERAL MERIT.

OF THE FIRST CLASS:—*Fourth Year*—James G. McGregor. *Third Year*—William P. Archibald, Ephraim Scott. *Second Year*—Charles D. McDonald, Andrew W. Herdman, Alex. H. McKay. *First Year*—Daniel S. Fraser, James C. Herdman, Wm. B. Ross.
OF THE SECOND CLASS:—*Fourth Year*—Ernest S. Bayne, Alex. G. Russell. *Third Year*—Wentworth E. Roscoe, Arthur J. Trueman. *Second Year*, David F. Creelman. *First Year*, Daniel McGregor, Robert G. Sinclair.

SPECIAL PRIZES.

The GRANT PRIZE of \$20 for the best Essay on "The Literature of the Nineteenth Century" was awarded to Duncan C. Fraser.

The YOUNG PRIZE of \$20 for the best Essay on "The Function of Money," was awarded to James Gordon McGregor.

The Prize of \$20 offered by Col. Laurie for the best Essay on "The Best Means of keeping Nova Scotians in Nova Scotia," open for competition to all Graduates and Under-graduates, was awarded to Hugh McDonald Scott, B. A.

The YOUNG PRIZE of \$20 for Elocution, open for competition to Students of the first and second years, was won by Robert G. Sinclair.

Examinations, 1870-71.

SCHOLARSHIP EXAMINATIONS, OCTOBER, 1870.

The Scholarship offered for Competition to Students entering as Undergraduates, was gained by

ANDREW CHALMERS HERDMAN, from Pictou Academy.

The Scholarship offered for Competition to Pupils of Halifax Schools entering as Undergraduates, was gained by

ALEXANDER PATTERSON, from Mr. Waddell's School.

UNIVERSITY EXAMINATIONS.

The following Undergraduates have passed the University Examinations in their several years:—

SUPPLEMENTARY EXAMINATIONS, OCT., 1870.

SECOND YEAR.—Walter Ross.

FIRST YEAR.—William Cameron, Logan Melville, Archibald J. Sinclair.

SESSIONAL EXAMINATIONS, APRIL, 1871.

FINAL EXAMINATION FOR DEGREE OF B. A.—Ernest S. Bayne, James G. McGregor, Alexander G. Russell.

THIRD YEAR.—Wm. P. Archibald, Wm. T. Bruce, Ch. W. Bryden, W. Cruickshank, Adam Gunn, Hugh McKenzie, Alex. W. Pollok, Wentworth E. Roscoe, Wm. Ross, Ephraim Scott, Arthur J. Trueman.

SECOND YEAR.—Wm. Cameron, David F. Creelman, Kenneth Duff, Andrew W. Herdman, John A. Logan, Chas. D. McDonald, Henry McDonald, Alexander H. McKay, James A. McKeen, J. Millen Robinson.

FIRST YEAR.—Dan. S. Fraser, James C. Herdman, Lewis H. Jordan, Daniel McGregor, Donald McLeod, James McD. Oxley, John T. Ross, Wm. B. Ross, Robert G. Sinclair.

STANDING OF THE STUDENTS IN THE SEVERAL SUBJECTS.

(The names in the First and Second Classes are arranged in the order of merit; in the Third Class alphabetically.)

CLASSICS.

FOURTH YEAR.—(Final Examination for the Degree of B.A.).—*Class 1*—James Gordon McGregor. *Class 2*.—None. *Class 3*.—Ernest S. Bayne, Alexander Gatherer Russell.

THIRD YEAR.—*Class 1*.—William P. Archibald. *Class 2*.—Wentworth Roscoe. *Class 3*.—William Th. Bruce, Charles William Bryden, James Carmichael, William Cruickshank, Hugh McKenzie, Alex. W. Pollok, William Ross, Ephraim Scott, Alexander J. Trueman, James A. Whitman.

- SECOND YEAR.**—*Class 1.*—Charles Macdonald, Andrew Herdman, Alex. H. McKay. *Class 2.*—(None.) *Class 3.*—William Cameron, David F. Creelman, Kenneth Duff, John A. Logan, Melville Logan, Henry McDonald, James A. McKeen, John Millen Robinson.
- FIRST YEAR.**—*Class 1.*—James C. Herdman, Daniel Stiles Fraser. *Class 2.*—James McDonald Oxley, William Benjamin Ross. *Class 3.*—Louis H. Jordan, Daniel McGregor, Daniel McLeod, Alexander C. Patterson, John Thomas Ross, Robert G. Sinclair.

MATHEMATICS.

- SECOND YEAR.**—*Class 1.*—Alex. H. McKay, Charles D. Macdonald. *Class 2.*—William Cameron, David F. Creelman, Andrew W. Herdman. *Class 3.*—Kenneth Duff, John W. Forbes, Melville Logan, John Logan, Henry Macdonald, James A. McKeen, Walter Mitchell, J. Millen Robinson.
- FIRST YEAR.**—*Class 1.*—William B. Ross, Daniel Stiles Fraser, Robert Sinclair, James C. Herdman, Daniel McGregor. *Class 2.* Donald McLeod, James H. Whitman. *Class 3.*—Andrew Grey, Louis H. Jordan, Richmond Logan, James M. Oxley, John T. Ross.

METAPHYSICS AND ESTHETICS.

- THIRD YEAR.**—*Class 1.*—Wm. P. Archibald, Wentworth Roscoe, Ephraim Scott, Hugh McKenzie, Duncan C. Fraser. *Class 2.*—James M. Carmichael, Arthur J. Trueman, Charles W. Bryden, Wm. Ross, Wm. T. Bruce. *Class 3.*—Wm. Cruickshank, Adam Gunn, Alex. W. Pollok.

LOGIC AND PSYCHOLOGY.

- SECOND YEAR.**—*Class 1.*—Alex. H. McKay, Andrew Herdman, Charles D. Macdonald, David F. Creelman. *Class 2.*—J. Millen Robinson, Wm. Cameron, Kenneth Duff. *Class 3.*—John A. Logan, Henry McDonald, Melville Logan, Arch'd J. Sinclair, James A. McKeen.

CHEMISTRY.

- THIRD YEAR.**—*Class 1.*—Ephraim Scott, Wentworth Roscoe, William P. Archibald. *Class 2.*—Hugh McKenzie. *Class 3.*—Wm. T. Bruce, William Cruickshank, Duncan C. Fraser, Adam Gunn, Alexander W. Pollok, Arthur J. Trueman.
- SECOND YEAR.**—*Class 1.*—Charles D. McDonald, Alexander H. McKay, (equal). *Class 2.*—Wm. Cameron, David F. Creelman, Andrew W. Herdman. *Class 3.*—Kenneth Duff, John A. Logan, Henry M. McDonald, James A. McKeen, Walter Mitchell, J. Millen Robinson.

NATURAL PHILOSOPHY.

- THIRD YEAR.**—*Class 1.*—Arthur J. Trueman, Ephraim Scott. *Class 2.*—William P. Archibald, Alex. W. Pollok, Duncan C. Fraser, Wm. Cruickshank. *Class 3.*—William T. Bruce, Charles W. Bryden, James Carmichael, Adam Gunn, Hugh McKenzie, Wentworth E. Roscoe, William Ross, James H. Whitman.

EXPERIMENTAL PHYSICS.

- FOURTH YEAR.**—*Class 1.*—Alex. George Russell, James Gordon McGregor, Ernest Samuel Bayne.

ETHICS.

- FOURTH YEAR.**—*Class 1.*—James Gordon McGregor, Alexander Gatherer Russell. *Class 2.*—Ernest Samuel Bayne.

HISTORY.

FOURTH YEAR.—Class 1.—J. G. McGregor, Ernest S. Bayne. Class 2.—
A. G. Russell.

RHETORIC.

FIRST YEAR.—Class 1.—W. B. Ross, J. C. Herdman. Class 2.—D.
Stiles Fraser, Louis H. Jordan, Richmond Logan, J. T. Ross, R. G.
Sinclair, D. McGregor. Class 3.—D. McLeod, A. Grey, James
Oxley, A. C. Patterson.

FRENCH.

FOURTH YEAR.—Class 1.—J. G. McGregor, A. G. Russell, E. S. Bayne.
THIRD YEAR.—Class 1.—W. P. Archibald, E. Scott, J. Carmichael, W.
Roscoe, A. J. Trueman. Class 2.—A. W. Pollok, W. Cruickshank,
H. McKenzie, D. C. Fraser, C. B. Bryden, A. Gunn, W. T. Bruce.
Class 3.—W. Ross.

GERMAN.

FOURTH YEAR.—Class 1.—J. G. McGregor, A. G. Russell. Class 2.—
None. Class 3.—E. S. Bayne.
THIRD YEAR.—Class 1.—W. P. Archibald, E. Scott, W. Roscoe, A. J.
Trueman. Class 2.—H. McKenzie, W. Cruickshank, D. C. Fraser.



Graduates and Undergraduates of the University, and General Students in Arts.

GRADUATES.

DEGREE OF M. A.

1869.

Chase, Henry Joseph.....Cornwallis.

1870.

McNaughton, Samuel.....Guysborough.
Macdonald, John H.....Kentville.

1871.

Cameron, J. J.....Georgetown, P. E. Island.
Carr, Arthur F.....St. Edward's, P. E. Island.
Smith, David H.....Truro.

DEGREE OF B. A.

1866.

Chase, Henry J.....Cornwallis.
Shaw, Robert.....New Perth, P. E. Island.

1867.

Burgess, Joshua C.....Cornwallis.
Cameron, J. J.....Georgetown, P. E. Island.
Lippincott, Aubrey.....New Glasgow.
McDonald, John H.....Cornwallis.
McNaughton, Samuel.....East River, Pictou.
Ross, Alexander.....Rogers' Hill, Pictou.
Sedgwick, Robert.....Middle Musquodoboit.
Smith, David H.....Truro.
Smith, Edwin.....Truro.

1868.

Carr, Arthur F.....St. Edward's, P. E. Island.
Christie, Thomas M.....Yarmouth.
Creighton, James G. A.....Halifax.
Forrest, James.....Halifax.
McKay, Kenneth.....Hardwood Hill, Pictou.
Simpson, Isaac S.....Merigomish, Pictou.

1869.

Annand, Joseph.....Gay's River, Pictou.
Bayne, Herbert A.....Pictou.
Millar, Ebenezer D.....Rogers' Hill, Pictou.
McKenzie, John J.....Green Hill, Pictou.
Sutherland, John M.....West River.

1870

Lindsay, Andrew W H.....	Halifax.
Scott, Hugh M.....	Sherbrooke.
Thorburn, Walter M.....	Bermuda.
Wallace, John.....	Shubenacadie.

1871.

Bayne, Ernest S.....	Pictou.
McGregor, James G.....	Halifax.
Russell, Alexander G.....	Truro.

UNDERGRADUATES, 1870---1.

FOURTH YEAR.

Bayne, Ernest S.....	Pictou.
McGregor, James G.....	Halifax.
Russell, Alexander G.....	Truro.

THIRD YEAR.

Archibald, William P.....	Halifax.
Bruce, William T.....	Middle Musquodoboit.
Bryden, Charles W.....	Tatamagouche.
Carmichael, James.....	New Glasgow.
Cruickshank, William.....	Lower Musquodoboit.
Fraser, Duncan C.....	New Glasgow.
Gunn, Adam.....	East River, St. Mary's.
McKenzie, Hugh.....	Earlton.
Pollok, Alexander W.....	French River, Pictou.
Roscoe, Wentworth.....	Centreville, King's.
Ross, William.....	East River, Pictou.
Scott, Ephraim.....	Gore.
Trueman, Arthur I.....	Point DeBute, N. B.

SECOND YEAR.

Cameron, William.....	Sutherland's River, Pictou.
Creelman, David F.....	Stewiacke.
Duff, Kenneth.....	Lunenburg.
Forbes, John W.....	East River, Pictou.
Herdman, Andrew W.....	Pictou.
Logan, John H.....	Upper Stewiacke.
Logan, Melville.....	Halifax.
MacDonald, Charles D.....	Pictou.
MacDonald, Henry.....	Halifax.
McKay, Alexander H.....	Dalhousie, Pictou.
McKeen, James A.....	Tatamagouche.
Robinson, J. Millen.....	Baillie, N. B.
Sinclair, Archibald J.....	Halifax.

FIRST YEAR.

Grey, Andrew.....	Pictou.
Fraser, Dan. S.....	Pictou.
Herdman, James C.....	Pictou.
Jordan, Louis H.....	Halifax.
McGregor, Daniel.....	Inverness, C. B.
McLeod, Donald.....	Strathalbyn, P. E. Island.
Oxley, James MacD.....	Halifax.
Patterson, Alexander.....	Halifax.
Ross, John T.....	Earlton, Co. Colchester.
Ross, William B.....	Earlton, " "
Sinclair, Robert G.....	Malpeque, P. E. Island.

GENERAL STUDENTS.

NAME.	RESIDENCE.	CLASSES ATTENDED.
Abbinett, George A.	Halifax.	Mat., Nat. Philosophy.
Almon, Andrew	Halifax.	Mathematics.
Bowles, Perry	Cornwallis.	Chemistry.
Campbell, Hector	De Sable, P. E. I.	Class., Math., Rhetoric.
Doull, Wm. M.	Halifax.	History.
Doull, Walter S.	Halifax.	Math., Chemistry.
Francis, Edward	Upper Stewiacke.	Class., Math., Rhetoric.
Gordon, Dr.	Halifax.	Rhetoric.
Logan, Richmond.	Upper Stewiacke.	Class., Math., Rhetoric.
Matheson, Hugh	Earlton, Co. Colches.	Class., Math., Rhetoric.
McDowall, Isaac M.	Tatamagouche.	Classics, Rhetoric.
McGillivray, John	McLellan's Brook.	History, Ethics.
McLean, Dugald	Argyle Shore, P. E. I.	Class., Math., Rhetoric.
McLean, John	Halifax.	Class., Math., Rhetoric.
McKinnon, Dr.	Halifax.	French.
Meek, John C.	Halifax.	Chemistry.
Mitchell, Walter	Halifax.	Math., Chemistry.
Parker, J. Johnston	Halifax.	Cl., N. Phil., Che., P. Che.
Ramsay, John Kier	Port Hill, P. E. I.	Classics, Math., Rhetoric.
Whitman, Edward	Annapolis.	Classics, Rhetoric.
Whitman, James	Halifax.	Cl., Mat., N. Phi., P. Che.



Faculty of Medicine.

VERY REV. JAMES ROSS, D. D.,

Principal (ex-officio) and Matriculation Examiner.

WILLIAM J. ALMON, M. D.,

*Emeritus Professor of Obstetrics and the Diseases of Women and Children, and
President of the Faculty.*

ALEXANDER P. REID, M. D., L. R. C. S., EDIN., L. C. P. & S., Ca.,

*Professor of the Principles and Practice of Medicine, and Dean and Registrar
of the Faculty.*

GEORGE LAWSON, Ph. D., LL.D.,

Professor of Chemistry and Chemical Toxicology.

WILLIAM B. SLAYTER, M. D., M. R. C. S. L., L. R. C. P. ENG.,

Professor of Obstetrics and the Diseases of Women and Children.

EDWARD FARRELL, M. D.,

Professor of Principles and Practice of Surgery.

JOHN SOMMERS, M. D.,

Professor of Physiology.

HUGH A. GORDON, M. D., L. R. C. S., EDIN.,

Professor of Anatomy.

ALFRED H. WOODILL, M. D.,

Professor of Materia Medica and Therapeutics.

J. R. DEWOLF, M. D., EDIN., L. R. C. S., EDIN., and

HIRAM BLANCHARD, Esq., Q. C.,

Professors of Medical Jurisprudence.

THOMAS TRENAMAN, M. D.,

Demonstrator of Anatomy.

JANITOR—JOHN WILSON.

Faculty of Medicine.

THE PRINCIPAL (*ex officio.*)

Professors.....	ALMON, LAWSON, REID, FARRELL, WOODILL, SLAYTER, SOMMERS, GORDON, DEWOLF, BLANCHARD,
Demonstrator.....	THOS. TRENAMAN, M. D.
President of the Faculty.....	W. J. ALMON, M. D.
Dean and Registrar.....	A. P. REID, M. D.
Matriculation Examiner to the Faculty....	PRINCIPAL ROSS, D. D.

The Fifth Session of the Medical Faculty of Dalhousie College and University will be opened on Tuesday, the 31st of October, 1871, with a general introductory lecture. The regular lectures will commence on Wednesday, the 1st of November, and will be continued during the six months following.

Registration is necessary every session—it is required upon entrance, or as soon afterwards as possible, and always before any class tickets are procured. The time fixed for closing the Register is annually on the fifteenth of December. Class tickets are payable in advance, and if not taken out within the prescribed period of the current session, will not be granted after its expiration

The Student is advised to pass the Matriculation Examination in March, so that his four years of pupillage may expire at the close of a winter session. This examination is recommended to be passed before the attendance of a Medical Course—it is similar to that required by McGill University, Montreal, the College of Physicians and Surgeons of Ontario, and recommended by the Council of Medical Education and Registration, of Great Britain. The time set apart for this examination will

be made known after the commencement of the Session. Graduates in Arts of recognized Universities are not required to submit to the Matriculation Examination.

While the University regulations permit a student to graduate after three years' attendance upon Lectures, provided he furnish proof that he has studied one year before attending Lectures, with a private practitioner, yet he is recommended to devote four sessions to systematic instruction, as less time is scarcely sufficient in which to acquire a fair knowledge of the many subjects which compose the curriculum.

With regard to the examination, students are requested to turn to section 10, Article 4, of the "Qualifications and Studies of Students and Graduates for the Medical Degree," in a succeeding part of this announcement.

The division of the examination into primary and final, which was instituted by the McGill University, Montreal, and found to be most advantageous to students, will be adopted by this Faculty; and it is hoped that the greater number of third year students will avail themselves of this arrangement.

Students of Dentistry will find it of advantage to attend the lectures on Chemistry, Anatomy, and Practical Anatomy.

To intending Druggists' Assistants, the lectures on Chemistry and Materia Medica will be of great practical assistance.

Students of Law will be very much benefitted by attending the lectures on Medical Jurisprudence by Dr. DeWolf, H. Blanchard, Esq., Q. C., and Dr. Lawson—the subjects of Insanity, Law as related to Medicine, and Toxicology, being fully explained.

For additional information apply to the Dean of the Faculty of Medicine, A. P. Reid, M. D., 98 Argyle street, Halifax, N. S.

COURSE OF INSTRUCTION IN THE FACULTY OF MEDICINE.

The Lectures will be delivered in the University Building.

I.—OBSTETRICS.

Prof. SLAYTER, Surgeon to City Hospital.

Including Diseases of Women and Children, illustrated by plates, manikins, etc. Every facility will be given to senior students for attending midwifery cases at the Almshouse and Dispensary, under the direction of the medical officers.

The Emeritus Professor, Dr. Almon, will also give a number of practical lectures.

Class Books—Bedford, Tyler Smith, Cazeau, Scanzoni on Diseases of Women—West on Children.

II.—MEDICINE.

Prof. REID, Physician to City Hospital.

Divided into Principles and Practice. This course will be illustrated by coloured plates and morbid preparations, and special attention will be directed to diseases of the *heart and lungs*, and to their physical diagnosis, which will be illustrated by numerous cases in the City Hospital, under the immediate instruction of the Professor, and to which cases every student may have direct access, thus enabling him to obtain a practical knowledge of this part of the profession.

Class Books—Tanner, Flint, Watson, Barlow, Reynolds.

III.—SURGERY.

Prof. FARRELL, Surgeon to City Hospital.

Divided into Principles and Practice, including Surgical Anatomy and Operative Surgery, exhibited on the subject. The various surgical instruments and apparatus will be shown, and their uses and applications illustrated.

Class Books—Druitt, Erichsen, Gross, Holmes.

IV.—CHEMISTRY AND PRACTICAL CHEMISTRY.

Prof. LAWSON.

Including Chemical Toxicology. This course will be illustrated by diagrams, tables, apparatus, preparations, and demonstrations on the black-board. Experiments daily. There will be a separate class of Practical Chemistry for medical students.

Class Book—Fownes' Manual.

V.—PHYSIOLOGY.

Prof. SOMMERS, Physician to City Dispensary.

This course will embrace the principles of Human Physiology, Histology, the use of the Microscope, and General Pathology.

Class Books—Dalton, Carpenter, Todd & Bowman, Kirke & Paget, and Williams' Principles of Medicine.

VI.—MATERIA MEDICA.

Prof. WOODILL, Physician to City Dispensary.

This course will be illustrated by specimens of medicinal plants and samples of the various drugs, chemicals, etc.

Class Books—Pareira by Farre, Stille, Neligan, Dispensatories.

VII.—ANATOMY.

Prof. GORDON, Surgeon to City Dispensary.

This course will be illustrated by the fresh subject—dried preparation—including skeletons, etc., and life-size coloured plates. Every facility will be offered to students to become practically acquainted with Anatomy under the Professor and Demonstrator.

PRACTICAL ANATOMY.

THOS. TRENAMAN, M. D., Demonstrator, Surgeon to City Dispensary.

Rooms open from 4 to 6, and from 8 to 10 p. m.

Class Books—Gray, Wilson, Sharpey & Quain, Ellis's Dissector.

VIII.—MEDICAL JURISPRUDENCE.

Prof. DEWOLF, Superintendent of the Hospital for Insane,
Prof. BLANCHARD, Q. C.

This course includes Toxicology, the mode of testing for poisons, Insanity, and public Hygiene.

Prof. DEWOLF will have ample opportunities for instructing his class in the important subject of Psychological Medicine.

Prof. BLANCHARD will give a short course of lectures on the legal points connected with this branch of study.

Prof. LAWSON will describe the subject of Chemical Toxicology.

Class Books—Taylor's Jurisprudence, Guy's Forensic Medicine.

IX.—CLINICAL MEDICINE.

X.—CLINICAL SURGERY.

Taught by lectures and at the bed-side, and Physical Diagnosis taught practically by the Physicians and Surgeons at the Provincial and City Hospital, and City Dispensary, at which institutions ample material is afforded for both classes.

XI.—BOTANY.

Prof. LAWSON.

Students are required to attend one course of three months on this subject. Medical Students will have access to the lectures on Botany in the Faculty of Arts—the natural orders containing medicinal and poisonous plants, being illustrated as fully as possible.

PRIZES.

THE SIR WILLIAM YOUNG PRIZES.

These are offered by the Hon. Sir William Young, Kt., Chief Justice of Nova Scotia, to encourage the study of Practical Anatomy. There are two prizes—one of \$20 for the best Anatomical Preparation, open to all students. The other of \$10 for Practical Anatomy, to be competed for in the dissecting-room—open to all students who have not passed the Primary Examination.

THE DR. AVERY PRIZES.

These are offered by James F. Avery, M. D., to encourage the study of Clinical Medicine. There are two prizes, of \$10 each, for the best Clinical Reports. Particulars given at the commencement of the Session.

THE W. H. NEAL PRIZE.

A Prize of \$20 is offered by W. H. Neal, Esq., to the student passing the best final examination for the Degree of M. D.

THE GRANT PRIZE.

A prize of \$20 is offered by the Rev. G. M. Grant, M. A., to the student passing the best "primary" examination for the Degree of M. D.

HOSPITALS, ETC.

THE PROVINCIAL AND CITY HOSPITAL is visited daily at 12 M., by the Medical Officers; and the CITY ALMS HOUSE, containing from 200 to 400 inmates, many of whom are in the Hospital Wards, will be available to students without fee. The best opportunities are here presented for clinical instruction, midwifery practice and treatment of diseases, likewise for the observation of pathological appearances, which will be demonstrated by post-mortem examinations. There is a Hospital fee of \$1 for certificate of attendance.

THE HALIFAX DISPENSARY is carried on after the model of the DeMilt Dispensary, New York, being divided into three departments, viz.: (1) *Surgical*, including the Eye and Ear. (2) *Medical*, including the Heart and Lungs. (3) *Diseases of Women and Children*. Here the student can have the advantage of becoming practically acquainted with the less severe forms of disease, and will have the privilege likewise of seeing patients with the visiting physicians, and have opportunities for Obstetric practice.

Past Session.

PRIZES IN THE MEDICAL FACULTY.

The *Grant Prize* of \$20 to the Student who passed the best primary examination for the Degree of M. D., was awarded to Mr. RODERIC SUTHERLAND of River John, Pictou.

The *Avery Prize* of \$20, or Two of \$10 each, for the best series of Clinical Reports—in Medicine and Surgery—were awarded to Mr. RODERIC SUTHERLAND of River John, Pictou, for the best Surgical Reports, and Mr. FINLAY MACMILLAN of Pictou, for the best Medical Reports.

The *Sir Wm. Young Prize* of \$30, to encourage the study of Anatomy was divided into two Prizes of \$15 each, for the best Anatomical dissections, and were awarded to Mr. WM. McRAE of Richmond Cy., Cape Breton, and Mr. W. M. CAMERON of Pictou Cy.

PRIMARY EXAMINATION.

The following Students passed their Primary examination for the Degree of M. D., which includes Anatomy, Chemistry, Materia Medica, Physiology, and Botany:—Mr. Roderic Sutherland of River John, Pictou; Mr. William McRae of Richmond Co., Cape Breton; Mr. Chas. Hiltz of Bridgetown, Annapolis; Mr. Finlay McMillan of Pictou.

STUDENTS OF MEDICAL FACULTY, SESSION 1870-71.

Annand, Joseph.....	Gay's River.
Bowles, Perry.....	Cornwallis.
Bent, John K.....	Halifax.
Bruce, Wm. T.....	Musquodoboit.
Campbell, Angus.....	Pictou.
Christie, Thomas M.....	Yarmouth.
Campbell, Donald A.....	Truro.
Chisholm, Donald.....	Inverness.
Cameron, W. M.....	Pictou.
Delaney, W. C.....	Halifax.
Duff, Wm. M.....	Lunenburg.
Flinn, W. P.....	Halifax.
Hiltz, Chas. W.....	Bridgetown.
Lindsay, A. W. H.....	Halifax.
Miller, Eben. D.....	Pictou.
McKenzie, John W.....	Pictou.
McKay, Duncan C.....	Truro.
McKay, George.....	Truro.
McRae, Wm.....	Richmond, C. B.
MacMillan, Finlay.....	Pictou.
Muir, Wm.....	Truro.
Parker, F. Johnston.....	Halifax.
Putner, C. E.....	Halifax.
Ritchie, John L.....	Halifax.
Robertson, Hugh A.....	Pictou.
Sutherland, Roderic.....	Pictou.

Extracts from the Regulations.

COURSES OF LECTURES, FEES, &c.

1st.—Each Professor shall deliver at least five lectures during the week, except in the classes of Clinical Medicine and Clinical Surgery, in each of which only two Lectures shall be required; and in that of Medical Jurisprudence, if extended through six months, in which case three lectures a week will suffice.

2nd.—Each Lecture shall be of one hour's duration.

3rd.—Every Professor shall occasionally examine his class upon the subjects treated of in his preceding Lectures; and every such examination shall be considered a Lecture.

4th.—A roll of the names of the Students attending each class shall be called from time to time.

5th.—All tickets which have not a Certificate of attendance attached, shall be rejected when presented as testimonials previous to examination, unless the omissions shall be satisfactorily accounted for.

6th.—The fee for each class shall be \$12, with the following exceptions: For each of those of Medical Jurisprudence, Practical Anatomy, Practical Chemistry, and Botany, \$6; for Clinical Medicine and Clinical Surgery, \$8 (for both.) The class fees are payable in advance.

7th.—Any student, after having paid the fees, and attended two courses of any class, shall be entitled to a perpetual ticket for that class.

8th.—The courses of all the Classes, except Practical Chemistry, Botany and Medical Jurisprudence, shall be of six months' duration; the Classes of Practical Chemistry and Botany, of three months' duration; and that of Medical Jurisprudence, either of three months' duration, in which case Five Lectures a week shall be given, or of six months' duration, in which case only three Lectures a week shall be required.

9th.—The courses shall commence on the last Tuesday in October, and with the exception of a vacation at Christmas, shall continue till the end of April.

10th.—The Matriculation Examination is similar to that required by McGill University, Montreal, adopted under the Medical Act for Ontario, and recommended by the "Council of Medical Education and Registration" of Great Britain. The requirements are: **COMPULSORY**—English Language, including Grammar and Composition; Arithmetic, including Vulgar and Decimal Fractions; Algebra, including Simple Equations; Geometry, first two books of Euclid; Latin, Translation and Grammar; and one of the following **OPTIONAL** Subjects—Greek, French, German; Natural Philosophy, including Mechanics, Hydrostatics, and Pneumatics. Students passing this examination will receive a Certificate. Students may attend the classes without passing this examination.

Graduates in arts of recognized Universities are not required to submit to the matriculation examination.

Qualifications and Studies of Students and Candidates for the Medical Degree.

1st.—All Students desirous of attending the Medical Lectures, shall, at the commencement of each Session, enrol their names and residences in the Register of the Medical Faculty, and procure from the Registrar a ticket of Matriculation, for which each Student will pay a fee of \$2.

2nd.—The said Register shall be closed on the 15th day of December in each year, and no tickets obtained from any of the Professors shall be received without previous enrolment.

3rd.—No one shall be admitted to the Degree of Doctor of Medicine and Master of Surgery, who shall not either: 1st, have attended Lectures for a period of at least four Sessions in this University, or some other University, College, or School of Medicine, approved by this University; or 2nd, have studied Medicine during at least four years, and during that time have attended Lectures for a period of at least three Sessions, either in this University or some other University, College, or School of Medicine, approved by this University, and shall have passed the matriculation examination if not a Graduate in arts.

4th.—Candidates for the final Examination shall furnish Testimonials of attendance on the following branches of Medical Education, viz.:

Anatomy,

Chemistry,

Materia Medica and Pharmacy,

Physiology,

Principles and Practice of Surgery,

Obstetrics and Diseases of Women and Children,

Principles and Practice of Medicine,

Practical Anatomy,

Clinical Medicine,

Clinical Surgery,

Medical Jurisprudence,

Botany,

Practical Chemistry.

Of which two courses will be required, each of six months' duration.

Of which one course will be required, each of three months' duration.

Provided, however, that Testimonials equivalent to, though not precisely the same as those above stated, may be presented and accepted.

5th.—The Candidate must also give proof by ticket of having attended during twelve months the practice of the Provincial and City Hospital, or that of some other Hospital, approved by this University.

6th.—He must also give proof by ticket of having attended

for at least six months the practice of a Lying-in-Hospital, approved of by the Univercity, or of having attended at least six cases of accouchement.

7th.—No one shall be permitted to become a Candidate for examination, or shall receive a degree, who shall not have attended at least One Session of this University, and have obtained from it the tickets for one full Course of all the branches included in its curriculum.

8th.—Courses of less length than the above will only be received for the time over which they have extended.

9th.—Every Candidate for the degree must on or before the 15th day of March, present to the Dean of the Medical Faculty testimonials of his qualifications entitling him to examination, and also a Thesis or inaugural dissertation, written by himself, on some subject connected with Medical or Surgical Science. He must at the same time deliver to the Dean of the Faculty the following Certificate :

HALIFAX, ————— 18

I the undersigned, being desirous of obtaining the Degree of Doctor of Medicine and Master of Surgery, do hereby declare that I have attained the age of twenty-one years (or if the case be otherwise, that I shall have attained the age of twenty-one years before the next graduation day.) [Signed,] A.B.

10th.—The trials to be undergone by the Candidate shall be :

(1.) The private examination of his Thesis as evidence both of Medical and general acquirement, followed [if approved] by its public defence

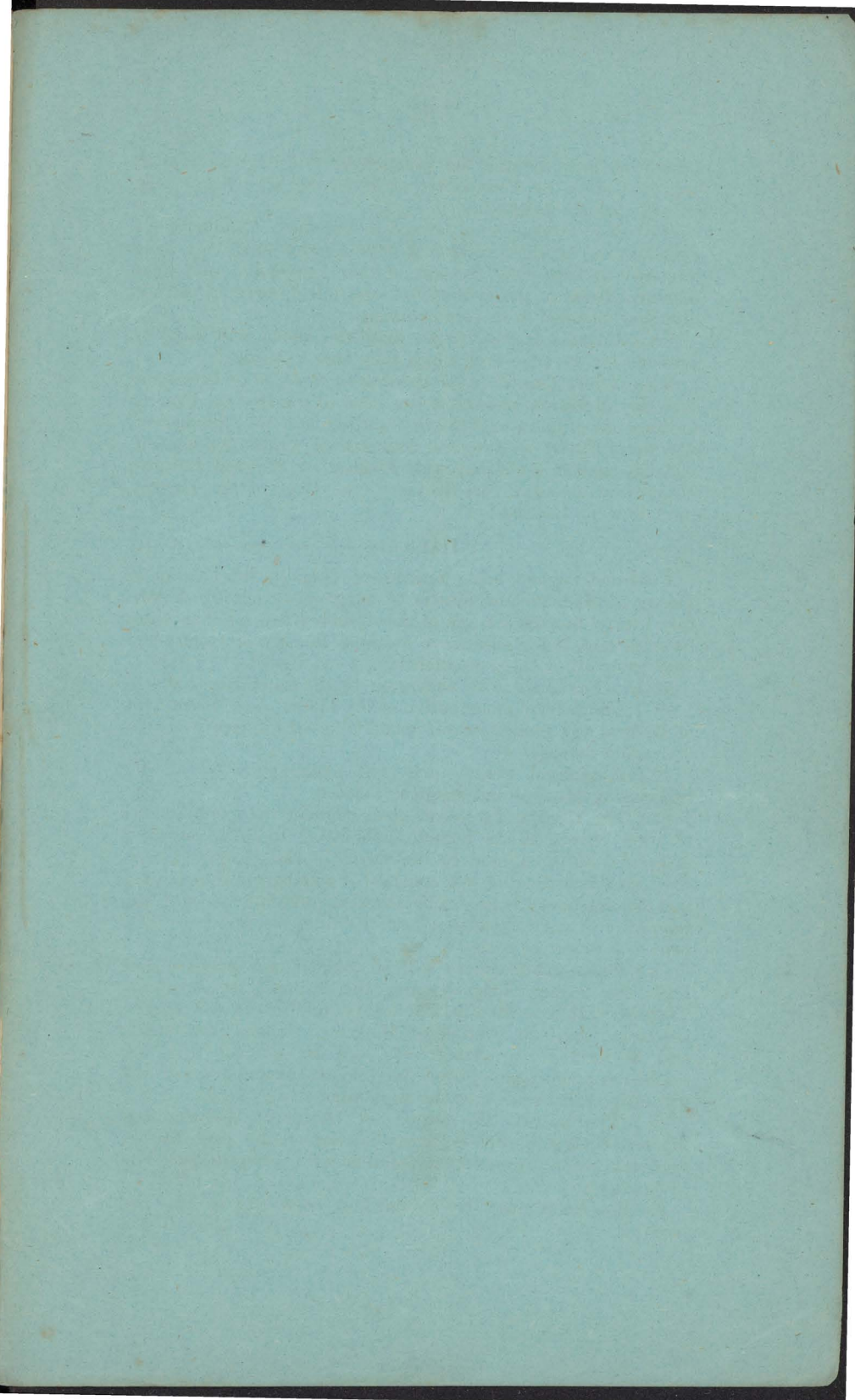
(2.) A general written and oral examination on all the branches of Medical and Surgical Science.

(3.) The Clinical Professors shall conduct the examinations of their classes at the bedside, submitting to them cases for diagnosis and treatment in the wards of the Hospital; they shall also, in estimating the standard of members of their classes and the number of marks to be awarded, take into account the regularity of their attendance and the diligence and care they evince in reporting cases.

(4.) These examinations will be divided into primary and final, the former comprehending the branches of Anatomy, Chemistry, Materia Medica, Physiology, and Botany or Zoology; the latter, those of Practice of Medicine, Surgery, Obstetrics, and Medical Jurisprudence. It will be optional with the student to present himself for the primary examination at the end of the third session or the third year.

(5.) The Fee for the Degree of Doctor of Medicine and Master of Surgery shall be twenty dollars, to be paid by the candidate before examination, together with a Registration Fee of one dollar.

N. B.—Board may be obtained at from \$12 to \$15 per month.



CONTENTS.

	PAGE
UNIVERSITY CALENDAR, 1871-72, - - - - -	3
LIST OF GOVERNORS, SENATE, AND MEMBERS OF FACULTIES, - - - - -	4
FACULTY OF ARTS, - - - - -	5
ADMISSION OF STUDENTS, - - - - -	5
MATRICULATION EXAMINATION, - - - - -	5
COURSE OF STUDY IN ARTS, - - - - -	6
FEES, - - - - -	7
GRADUATION IN ARTS AND IN SCIENCE, - - - - -	8
REGULATIONS FOR EXAMINATIONS, - - - - -	9
SCHOLARSHIPS, - - - - -	9
PRIZES AND CERTIFICATES OF MERIT, - - - - -	10
ATTENDANCE AND CONDUCT, - - - - -	11
THE LIBRARY, - - - - -	11
COURSE OF STUDIES:	
CLASSICS, - - - - -	12
MATHEMATICS, - - - - -	13
ETHICS - - - - -	14
NATURAL PHILOSOPHY, - - - - -	14
LOGIC AND METAPHYSICS, - - - - -	15
CHEMISTRY, - - - - -	15
HISTORY AND RHETORIC, - - - - -	16
MODERN LANGUAGES, - - - - -	16
TIME TABLE, - - - - -	17
PRIZES AND CERTIFICATES OF MERIT, 1870-71, - - - - -	18
EXAMINATIONS, 1870-71, - - - - -	19
GRADUATES OF THE UNIVERSITY, - - - - -	22
UNDERGRADUATES, - - - - -	23
GENERAL STUDENTS, - - - - -	24
LIST OF MEDICAL STUDENTS, - - - - -	24
MEDICAL FACULTY, - - - - -	25