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Trinity Medical College

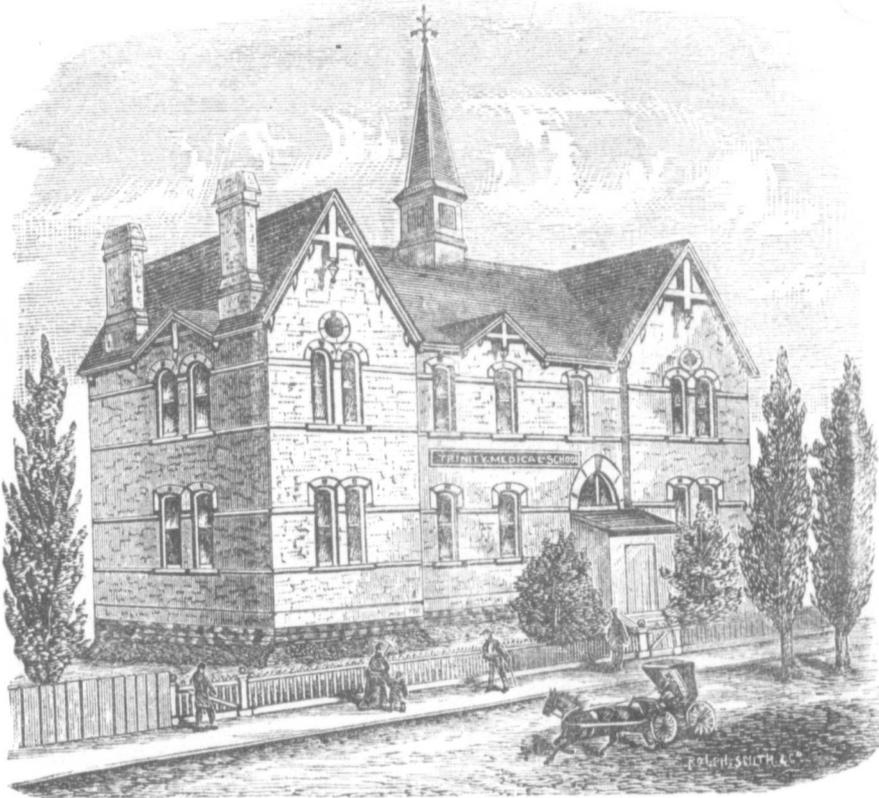
THE ANNUAL ANNOUNCEMENT

-OF-

Trinity Medical School.

INCORPORATED BY ACT OF PARLIAMENT

IN AFFILIATION WITH THE UNIVERSITY OF TRINITY COLLEGE,  
THE UNIVERSITY OF TORONTO, THE UNIVERSITY OF  
HALIFAX; AND RECOGNIZED BY THE SEVERAL  
ROYAL COLLEGES OF PHYSICIANS AND  
SURGEONS IN GREAT BRITAIN.



SESSION 1877-78.

TORONTO:  
DUDLEY & BURNS, PRINTERS, No. 11 COLBORNE ST.  
1877.



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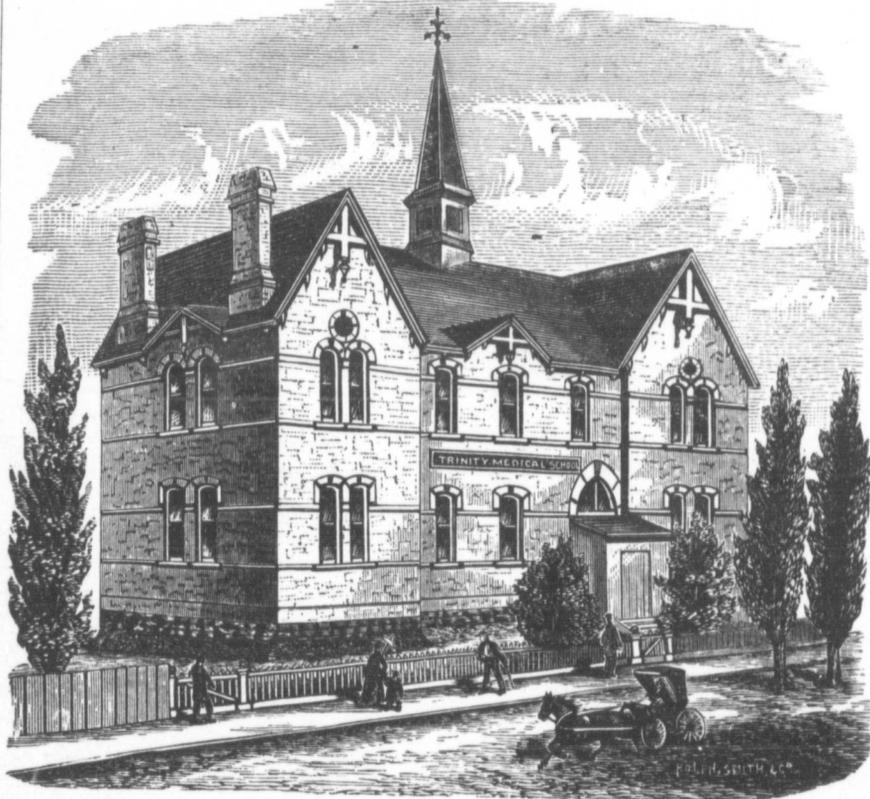
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1877.

# MEDICAL FACULTY.

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- E. M. HODDER, M.D. ; F.R.C.S., Eng. ; Fell. Obstet. Soc., Lond. ; DEAN OF THE FACULTY ; Senior Consulting Surgeon to the Toronto General Hospital ; the Children's Hospital, and the Burnside Lying-in-Hospital. —169 Queen st. West.  
Professor of Obstetrics and Diseases of Women and Children.
- NORMAN BETHUNE, B.A., M.D., Edin. ; M.R.C.S., Eng. ; F.R.C.S., Edin. ; Fell. Obstet. Soc., Lond. ; Consulting Surgeon Toronto General Hospital, Physician to the Burnside Lying-in-Hospital. —196 Simcoe st.  
Professor of Principles and Practice of Surgery and Clinical Surgery.
- JAMES BOVELL, M.D., L.R.C.P., Lond.  
Emeritus Professor of Pathology.
- WALTER B. GEIKIE, M.D. ; F.R.C.S., Edin. ; L.R.C.P., Lond. ; Fell. Obstet. Soc., Lond. ; Member of the acting staff of the Toronto General Hospital. —1 Fleming's Terrace, Elm st.  
Professor of Principles and Practice of Medicine and Clinical Medicine.
- J. FULTON, M.D. ; M.R.C.S., Eng. ; L.R.C.P., Lond. ; Member of the acting staff of the Toronto General Hospital. —303 Church st.  
Professor of Physiology, and Institutes of Medicine.
- J. ALGERNON TEMPLE, M.D. ; M.R.C.S., Eng. ; Fell. Obstet. Soc., Lond. ; Member of the acting staff of the Toronto General Hospital ; Member of the Staff of the Children's Hospital ; Physician to the Burnside Lying-in-Hospital. —206 Simcoe st.  
Assistant Professor of Obstetrics.
- W. HODGSON ELLIS, M.A., M.B., L.R.C.P., Lond. ; Instructor in Chemistry in the Government School of Practical Science, Public Analyst for the city of Toronto. —Charles st.  
Professor of Practical Chemistry and Toxicology.
- J. E. KENNEDY, A.B., M.D. ; Fell. Obstet. Soc., Lond. ; 68 John st.  
Professor of Materia Medica and Therapeutics.
- H. ROBERTSON, M.B., M.R.C.S., Eng. —24 Shuter st.  
Professor of Anatomy—General, Descriptive, and Surgical.
- THOMAS KIRKLAND, M.A. ; Lecturer on the Natural Sciences, &c., Normal School, Toronto. —332 Jarvis st.  
Professor of General Chemistry and Botany.
- JOHN FRASER, M.D., L.R.C.P., Lond. ; L.R.C.S., Edin. —482 Yonge st.  
Demonstrator of Anatomy.
- A. J. JOHNSON, M.D., M.R.C.S., Eng. ; Fell. Obstet. Soc., Lond. —Yorkville. —Pathologist to the Toronto General Hospital.  
Curator of the Museum and Lecturer on Microscopic Anatomy.
- FRED. LE M. GRASSETT, M.B., C.M., Edin. Univ. ; F.R.C.S.E. ; M.R.C.S. Eng. ; Fell. Obst. Soc., Edin. ; Physician to the Burnside Lying-in-Hospital ; Toronto Dispensary, and the Children's Hospital. —154 King st., West.  
Lecturer on Medical Jurisprudence, and Assistant Lecturer on Surgery.

# TRINITY MEDICAL SCHOOL,

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**Incorporated by Act of Parliament.**

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IN AFFILIATION WITH

THE UNIVERSITY OF TRINITY COLLEGE, THE UNIVERSITY  
OF TORONTO, AND THE UNIVERSITY OF HALIFAX;  
AND RECOGNIZED BY THE SEVERAL ROYAL  
COLLEGES OF PHYSICIANS AND  
SURGEONS IN GREAT  
BRITAIN.

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The winter session of 1877-78, will begin on Tuesday, the 2nd day of October next, and will continue for six months. The opening lecture of the course will, this session, be delivered by Professor Kennedy, at 4 o'clock, p.m., on that day, in the Lecture Theatre of the School, and the regular course of Lectures will begin next day, at 8 o'clock, a.m.

It is hoped that, in view of their own interests, students will, as far as practicable, be in attendance at the opening lecture, so as to ensure their losing none of the early teaching, in the several branches.

It gives the Faculty great pleasure to record the constantly increasing prosperity of this Medical School.

The lectures are delivered in the Medical College in the immediate vicinity of the Toronto General Hospital. The site of the building was selected with the view of meeting, in the fullest manner, the often expressed wish of medical students, that the lecture rooms, where they are taught the nature of disease, should be as close as possible, to an institution which affords full facilities for the acquisition of a practical knowledge of their profession.

The accommodation afforded, is all that can be desired; special attention having been paid to the fitting up of the Lecture, and Dissecting Rooms, Laboratory, etc.

The several Professors and Lecturers will illustrate their respective courses by plates, preparations, models and specimens—including the application of the Laryngoscope, Ophthalmoscope, Sphygmograph, and the various forms of electrical apparatus used in medicine. It will, as heretofore, be the constant aim of the Faculty, to make the entire teaching of the School, as practical as possible.

To the Department of Practical Anatomy, so closely connected with Surgery, the greatest attention will be paid. It will be under the direct supervision of the Demonstrator, who will give daily attendance in the Dissecting Room for the benefit of students.

This room is large, well lighted, and perfectly ventilated; and the usual care has been taken to secure an abundant supply of Anatomical material.

Very special attention will be devoted by the Faculty to the giving of Clinical Instruction, including Clinical Lectures, and teaching the diagnosis of medical and surgical diseases at the bedside, within the Hospital, as they consider nothing so important to those engaged in the study of medicine and surgery, as a close and careful observation of the numerous cases in the Hospital wards. Arrangements were made some years ago, and will be maintained in future, which have very largely increased the amount of clinical instruction given in the Toronto General Hospital, and afford all students who attend it, as great facilities as are enjoyed in any part of Canada, in this essential department of their studies. Besides this, the number of beds in the Hospital is being constantly increased. The School being so near the Hospital will, as has been observed, enable students to avail themselves of all the many advantages for gaining practical knowledge, which that institution affords.

Practical Chemistry, will be taught very thoroughly, under the personal supervision of the Professor. In view of its growing importance, great care has been bestowed on the fitting up of the Laboratory, and the COURSE will include experiments of various kinds, qualitative and quantitative analysis, &c., &c.

In view of the many cases of poisoning coming before the courts of law, Toxicology will have much attention paid to it—no pains being spared to prepare students for the grave responsibilities which such cases will impose upon them as practitioners. Professor Ellis will in future take up Toxicology as well as the full teaching of Practical Chemistry.

General Chemistry, Chemical Physics, and Botany, will be taught by Professor Kirkland, who will give a full course on the subjects, illustrated by experiments, and otherwise.

A Special Course of Lectures will be delivered by Professor Hodder, on the principal Diseases of Women, including affections of the Uterus and Ovaries, with their general and operative treatment.

Special Lectures will be given at the General Hospital on Diseases of the Eye, with instruction in the use of the Ophthalmoscope, and other modern instruments employed in ophthalmic practice.

Microscopic Anatomy will receive ample attention from the several Lecturers, upon the branches in which the microscope is now employed; and in addition to this, a Special Course of Lectures will be delivered upon Microscopic Anatomy, and the use of the Microscope.

The principal Railway Companies, as in past years, have again very kindly and most liberally, entered into arrangements by which all certified students of the Trinity Medical School, will have return tickets granted them at much reduced rates, from Toronto to any part of their respective lines,—near which they may reside; such tickets to hold good from the close of one session to the beginning of the next.

Certificates, entitling their holders to a like privilege, will, as usual, be issued at the Christmas vacation.

Students of Trinity Medical School have, under their Act of Incorporation, every privilege enjoyed by any Medical Institution in the Dominion, under the "*Ontario Medical Act.*"

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### Gold and Silver Medals.

A Gold and a Silver Medal known as the "MEDICAL FACULTY MEDALS," will continue to be given by the Faculty of this School—and these will be competed for annually, at the close of their last session, by students undergoing examination in the school in the FINAL Branches only. They will be awarded to the Gentlemen who, at the close of the Examination, stand FIRST and SECOND, respectively, upon the list.

In order to stimulate as much as possible the laudable desire to attain the highest distinction in the various branches of Medical Science another GOLD and SILVER MEDAL, to be known as the "TRINITY MEDALS," will be given. These are the highest honors in the gift of the School, and they will be given annually to the two students who stand FIRST and SECOND respectively on the list in ALL the subjects at the close of the Examination. All students desirous of competing for these medals, will be required to undergo the full examination in ALL the Branches known as PRIMARY and FINAL, at the time of the competition.

These Medals will only be awarded to candidates who have been classed in honors, in the Examinations. All students competing for these prizes must have attended at least two full courses of lectures in this Medical School, and must have paid all fees for the same. No student can in the same year, take more than one of these medals.

#### SCHOOL DIPLOMAS.

Diplomas will be awarded at the close of the Final Examinations to candidates whose standing has been sufficiently high to merit them. For these no extra fee is charged.

#### CERTIFICATES OF HONOUR.

Certificates of Honour also, are established and awarded in this Medical School, and are given annually at the Spring Examinations to students whose standing is considered by the Faculty so high, as to entitle them to this distinction.

#### SCHOOL EXAMINATIONS.

Examinations will be conducted annually in this School, at the close of each Session, to be known as the *First year's*, the *Primary*, and the *Final* Examinations respectively.

The subjects of the FIRST YEAR'S Examinations are as follows :

Anatomy, of the Bones, Ligaments, Muscles, and the Viscera of the Chest and Abdomen.

Physiology of Locomotion, Respiration, Circulation and Digestion.

Chemistry, Inorganic.

Botany.

The PRIMARY Examination embraces the following subjects :

Descriptive Anatomy.

Physiology.

General Chemistry and Chemical Physics.

Materia Medica and Therapeutics. (This branch may be taken with the Final subjects, if the candidate desires to do so.)

Botany.

The Primary Examination may be passed at the close of the second Winter Session by students who desire to do so. A certificate of having passed the Primary Examination in any recognized Canadian Medical School, will be accepted by this School.

The FINAL Examination embraces the following subjects :

Obstetrics, and Diseases of Women and Children.

Theory and Practice of Medicine, and Sanitary Science.

Pathology and Medical Diagnosis.

Surgery, and Surgical Anatomy.

Medical Jurisprudence.

Toxicology, and Practical Chemistry.

This Examination takes place at the close of the last Winter Session.

Should the candidate desire it, he may undergo his entire Examination in all the branches—at the end of the last Session.

#### SCHOLARSHIPS.

The following Scholarships have been established by the Faculty :

##### FIRST YEAR'S SCHOLARSHIPS.

Two First Year Scholarships known respectively as FIRST, and SECOND, will be competed for at the close of the First Session, by all students who have taken out tickets and attended a full course of Lectures in this School.

The value of the First of these Scholarships is \$50, and the Second \$30.

##### SECOND YEAR'S SCHOLARSHIP.

This Scholarship, of the value of \$60, may be competed for at the close of the Second Year's course, and is open to all students who have taken out and attended at least, ONE FULL, and ONE PRIMARY COURSE in this School.

The amount of these Scholarships will, in every case, go towards the payment of the fees for the subsequent Sessions.

## PROSECTORS.

The Professor of Anatomy will annually appoint two students as Prosectors, who will have the great advantage of preparing the material required for the Lectures on Anatomy.

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HOSPITALS.

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## THE TORONTO GENERAL HOSPITAL.

This Institution, which has an average of 150 patients in the wards, is visited daily by the medical officers in attendance. The patients—extern and intern—are examined and prescribed for, in presence of the students. The operating theatre is large and well lighted, having been recently greatly improved, and the seats are so arranged as to enable the students to see fully the successive steps of the numerous operations performed in it. The theatre is also, through the courtesy of the Trustees, used as a lecture-room for the delivery of Clinical Lectures. Under existing arrangements, the Clinical Course, both in Medicine and Surgery, is very full; and all the numerous Lectures delivered in the Hospital by the various members of the Hospital Staff, are open to every student who has taken out his Hospital and Clinical Lecture tickets. Toronto being the great railway and manufacturing centre of Ontario, accidents requiring operation are of frequent occurrence. The attendance of out-door patients daily is also very large, and thus abundant opportunities are enjoyed by students, for acquiring a familiar knowledge of Practical Medicine and Surgery, including not merely major operations, but minor Surgery of every kind—ordinary Medical Practice; the treatment of Venereal Diseases, and the Diseases of Women and Children.

## CLINICAL TEACHING.

This being of the utmost importance, no pains will be spared in imparting daily instruction in the spacious wards and theatre of the General Hospital, and every opportunity will be given students of seeing for themselves, with the members of the Hospital Staff, all interesting cases—Medical and Surgical.

## THE BURNSIDE LYING-IN HOSPITAL.

This Hospital has recently had its staff largely increased, and will afford special and valuable facilities for the study of practical midwifery.

One of the medical officers will be in daily attendance for the purpose of giving instruction to students.

Students who have attended one course of lectures upon Midwifery, and who have taken out the ticket for this Hospital, are furnished with cases in rotation.

Additional wards have been opened in this Institution, making its advantages to students greater than ever.

Arrangements are now being perfected for the amalgamation of its management with that of the Toronto General Hospital; and a new building, close to the Hospital and to the School, will be at once erected, which will be very convenient for students attending its practice.

## HOSPITAL ASSISTANTSHIP.

The Board of Trustees of the Toronto General Hospital will annually appoint a Student of this School, as one of the Hospital Assistants. The position is one of great practical value, and the recommendations for it, from the Faculty, will be given to the Student whose attainments and standing at the various Examinations he has passed, and whose moral character is such, as in their opinion, will render him capable of discharging satisfactorily the duties belonging to the appointment.

## CLINICAL CLERKS AND DRESSERS.

The members of the Faculty who are members of the acting Hospital staff, will each appoint a Student to act as his Clinical Clerk and Dresser, whose duty is to take notes of the cases under treatment, and to carry out such directions as he may from time to time receive from the Professor. These positions are tenable for three months, and are of very great practical utility to those filling them.

### FEES FOR THE COURSE.

LECTURE FEES.—The Fee for Anatomy, Surgery, Practice of Medicine, Obstetrics, Materia Medica, Physiology, and General Chemistry, \$12 each; Practical Anatomy, \$8; Practical Chemistry with Toxicology, \$8; Medical Jurisprudence, \$7; Clinical Medicine and Clinical Surgery, \$6 each; Botany, \$5; Registration Fee (Payable once only), \$5.

Fee for the Special Course on Microscopic Anatomy, \$5.

Students are free in all the regular Branches after having attended the School during two full courses.

Special arrangements have been made for gentlemen desiring to enter this School, who may have attended two or more courses of Lectures in other recognized Schools or Universities.

Dental and other casual students can attend any course or courses of Lectures they may desire in this Institution on paying the usual fees for the same.

#### HOSPITAL FEES.

The Toronto General Hospital, \$10 for a perpetual ticket; the Lying-in-Hospital, \$5 for six months.

#### SCHOOL EXAMINATION FEES.

For the Primary .....	\$4
For the Final .....	\$4

The Faculty, in order to give intending students every information in their power, have appended to this Announcement the requirements of the Medical Council, before the Board of which, all who desire a license to practice, whether Graduates or not, must present themselves. The requirements for graduation in the University of Trinity College, the University of Toronto, and the University of Halifax, with all of which, this School is fully affiliated, will also be found at the end of the Announcement as laid down by these Institutions respectively. The pupils of this School may present themselves for Examination for Degrees in Medicine, at any one or more of the several Universities with which it is affiliated—and all who desire to proceed to Great Britain, after finishing their studies here, will find Trinity Medical School, fully recognized by the several Medical Institutions, Hospitals, and Examining Boards of the mother-country.

For further information, or for copies of this announcement apply to

DR. GEIKIE, *Secretary,*  
*Trinity Medical School, Toronto.*

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Board may be obtained in the vicinity of the School, at rates varying from \$3 to \$4 per week, according to the accommodation required.

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The following students of Trinity Medical School passed their examinations at the UNIVERSITY OF TRINITY COLLEGE at the close of the late Session, 1876-7 :

FINAL EXAMINATION FOR THE DEGREE OF M.B.

*University Gold Medallist.*—William Theophilus Stuart. *University Silver Medallist.*—Duncan A. Stewart. *Medical Faculty Gold Medallist.*—George Thomas McKeough. *Medical Faculty Silver Medallist.*—Robert Armstrong Ross. *Certificates of Honour in the Final Examination.*—Richard Milne Stephen, Luke Teskey and Peter L. Graham.

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A. Davidson, P. L. Graham, M. Sutton, J. L. Burkart, W. Tisdale, J. A. Sinclair, H. H. Pringle, A. H. Miller, K. Henderson, W. G. Stark, H. Minshall, W. E. Winskell, M. L. Davis, —. Macklin, W. Honeywell, G. A. Marlatt, T. M. Miller, R. A. Barkwell, W. Parker and J. M. Sutherland.

PRIMARY EXAMINATION FOR THE DEGREE OF M. B.

*Certificates of Honor.*—Chas. Sheard, Harry Meek, John D. Bonnar, William A. Dafoe, Warner Cornell, Uriah M. Stanley, James W. Groves, David H. Wilson, William McKay, James P. Rankin, William H. Doupe, John McGrath, James Henderson, James Algie, Allan M. Baines.

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A. DeLom, C. O'Gorman, J. Merrison, J. J. McIlhargey, S. A. Cornell, A. Wilson, J. M. Forbes, D. A. Brooke, G. Riddell, J. T. Gilmour, R. P. Mills, T. G. McCort, A. J. Geikie, A. McKelvey, F. A. Howe, M. Stalker. T. F. Parke passed in anatomy, general chemistry and botany.

## SCHOLARSHIPS.

1st first-year scholarship, A. McDiarmid ; 2nd first-year scholarship, J. McC. Black. Second-year scholarship, C. Sheard.

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The following students of Trinity Medical School passed their Examinations at the UNIVERSITY OF TORONTO at the close of the late Session 1876-7.

## FOR THE DEGREE OF M. B.

*Gold Medallist and Star Gold Medallist.*—William Theophilus Stuart. A. Davidson, W. J. Gracey, M. Macklim, G. T. McKeough, J. A. Sinclair, D. A. Stewart, M. Sutton, W. Tisdale, R. H. Barkwell, T. B. Wilson, W. E. Winskell.

## PRIMARY EXAMINATION.

J. Algie, A. Baines, S. A. Cornell, W. Cornell, W. H. Doupe, H. A. DeLom, A. J. Geikie, J. M. Groves, R. P. Mills, T. J. McCort, J. McGrath, J. J. McIlhargey, W. McKay, J. P. Rankin, G. Riddell, U. M. Stanley, M. Stalker, A. Wilson, D. D. Wilson.

# UNIVERSITY OF TRINITY COLLEGE.

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INCORPORATED BY ROYAL CHARTER.

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## RULES AND REQUISITES FOR GRADUATION.

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### DEGREE OF M. B.

The following are the requisites for admission to the Degree of Bachelor of Medicine in this University :—

Having passed a Matriculation Examination in the following subjects, or one equivalent thereto in all respects, either in this, or some other recognized Institution. The subjects comprised in this Examination are the following :

#### *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 in one of the following subjects, the Student having the option of naming the one in which he will be examined :—

#### *Optional.*

Greek.

French.

German.

Natural Philosophy, including Mechanics, Hydrostatics, and Pneumatics.

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NOTE.—Students are recommended to select Natural Philosophy, or one of the Modern Languages.

## TEXT BOOKS.

- LATIN—Cæsar, *Commentaries on Gallic War*, fifth and sixth Books ;  
 Cicero, *Manilian Law* ; Virgil, *Æneid*, second Book.  
 GREEK—Xenophon, *Anabasis*, first Book.  
 FRENCH—Voltaire, *Charles XII.*, sixth, seventh and eighth Books.  
 GERMAN—Adler's Reader, first part.  
 NATURAL PHILOSOPHY—Peck's Ganot ; or Balfour Stewart's Physics.

Of the optional subjects, students are recommended to select Natural Philosophy or one of the modern languages.

Graduates in Arts, in any recognized University in Her Majesty's dominions, are not required to pass the Matriculation Examination.

The certificate of having passed the Matriculation Examination\* of the College of Physicians and Surgeons of Ontario is accepted by this University.

Matriculants in Medicine are required to present themselves at the University for enrolment as such, at the same time as the students in Arts.

Having produced a satisfactory certificate of good conduct.

Being the full age of twenty-one years.

Having pursued Medical studies for the period of at least four years, and having regularly attended Lectures extending over a period of at least three Sessions of six months each, in the following branches of Medical education, for the respective periods hereinafter set forth.

Anatomy, two courses of six months.

Practical Anatomy, two courses of six months.

Theory and Practice of Medicine, two courses of six months.

Principles and Practice of Surgery, two courses of six months.

General Chemistry, two courses of six months.

Midwifery, and Diseases of Women and Children, two courses of six months.

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\* This Examination has heretofore been held in Toronto and Kingston, on the first Tuesday and Wednesday in January, April, July and October, of each year ; but this year (1877) the Medical Council decided that it should hereafter be held in these cities *twice* a-year only, as follows :—on the first Tuesday and Wednesday after Good Friday, and the third Tuesday and Wednesday in August of every year.

Materia Medica, Therapeutics and Pharmacology, two courses of six months.

Physiology and Institutes of Medicine, two courses of six months.

Medical Jurisprudence, one course of three months.

Toxicology, one course of three months.

Practical Chemistry, one course of three months.

Botany, one course of three months.

Having passed in this University an examination in all the above subjects.

Having attended for at least twelve months the practice of some general Hospital, and having attended, during two Sessions, Clinical Lectures on Medicine and Surgery.

Having attended for at least six months the practice of a Lying-in-Hospital, or given satisfactory evidence of having otherwise enjoyed equivalent Obstetrical advantages, with certificate of attendance upon at least six cases of labour.

Having passed in this University an examination in all the above subjects.

The above course of study may have been pursued either wholly in the Trinity Medical School, or partly in some other recognized Medical School.

The last requirement does not apply to Medical men coming up for Examination, who have been several years in practice.

#### DEGREE OF M. D.

Candidates for this Degree must be Bachelors of Medicine of at least six months' standing. They are required to send in, at least one month before Convocation, a thesis on some Medical subject, which thesis must be approved of by the Board of Examiners.

The Curriculum of this University being formally recognized by the several Royal Colleges of Physicians and Surgeons in Great Britain, all graduates of Trinity College are entitled to every privilege enjoyed by the holders of Degrees from any Colonial University.

## EXAMINATIONS.

## FIRST YEAR'S EXAMINATION.

Students at the end of their First Session, may, if they desire to do so, undergo an examination on the following subjects :—

Anatomy of the Bones, Ligaments, Muscles, and the Viscera of the Chest and Abdomen.

Physiology of Locomotion, Respiration, Circulation and Digestion.

Chemistry, Inorganic.

Botany.

The PRIMARY EXAMINATION embraces the following subjects :  
Descriptive Anatomy.

Physiology.

General Chemistry and Chemical Physics.

\*Materia Medica and Therapeutics.

Botany.

The Primary Examination may be passed at the close of their second year's lectures, by students who desire to do so. A certificate of having passed the Primary Examination in any recognized Canadian University, will be accepted by this University.

The FINAL EXAMINATION embraces the following subjects :

Obstetrics, and Diseases of Women and Children.

Theory and Practice of Medicine, and Sanitary Science.

Pathology and Medical Diagnosis.

Surgery, and Surgical Anatomy.

Medical Jurisprudence.

Toxicology and Practical Chemistry.

This Examination takes place at the close of the student's last Winter Session.

Should the candidate desire it, he may undergo his entire Examination in all the branches—at the end of his last year's study.

The Examinations are held annually, in the Spring.

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\* This subject may be passed either at the Primary or Final Examination.

The time of holding these Examinations is so arranged as not to interfere with those of the Medical Council of Ontario, which are held annually, *in Toronto*.

CONFERRING OF MEDICAL DEGREES.—These are conferred at a Special Convocation held annually, at the close of the Winter Session. Candidates who receive the degree of M.B., at this Convocation, are entitled to the degree of M.D., at the annual Convocation in the Autumn of the same year, on complying with the requirements above prescribed.

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### MEDALS.

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Two or more Medals will be given by this University, annually (in Medicine), under such conditions as shall be duly announced previous to the holding of the Spring Examinations.

### CERTIFICATES OF HONOR.

Certificates of Honor also, are established and awarded in this University, and are given annually at the Spring Examinations to those students passing the various Examinations, whose standing is considered by the Examiners so high, as to entitle them to this distinction.

### GRADUATION FEES.

Primary Examination Fees for the Degree of M.B. . . .	\$10
Final " " " " . . . .	14
Full Fee, including all College Examinations, " . . . .	24
Or where Students elect to go up for the First Year's Examination, Primary and Final, the fee for each will be . . . .	8

RULES AND REQUISITES  
FOR  
Graduation in the University  
OF TORONTO.

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FACULTY OF MEDICINE.

1874.\*

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DEGREE OF M. B.

The following are the requisites for admission to the Degree of Bachelor of Medicine, viz :—

1. Having produced satisfactory certificates of good conduct.
2. Having Matriculated in any Faculty in this University, or having been admitted *an eundem gradum* or *statum* in Law or Arts.
3. Being of the full age of twenty-one years.
4. Having pursued Medical studies for the period of at least four years, and having regularly attended Lectures extending over a period of at least three Sessions of six months each, in the following branches of Medical education, for the respective periods hereinafter set forth :—

Anatomy, two courses of six months.

Practical Anatomy, two courses of six months.

Theory and Practice of Medicine, two courses of six months.

Principles and Practice of Surgery, two courses of six months.

Chemistry, two courses of six months.

Midwifery and Diseases of Women and Children, two courses of six months, and attendance on six cases of labour.

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\* No more recent Curriculum in Medicine than this, has been issued by the University.

Therapeutics and Pharmacology, two courses of six months.

Physiology, two courses of six months.

Practical Chemistry, one course of three months.

Medical Jurisprudence, one course of three months.

Botany, one course of three months.

5. Having attended for at least twelve months the practice of some general Hospital, and having attended during six months, Clinical Lectures on Medicine and Surgery.

6. Having passed in this University an Examination in all the subjects specified in Article 4.

#### DEGREE OF M. D.

The following are the requisites for admission to the Degree of M.D., viz :—

Having been admitted to the Degree of M.B., being of one year's standing from admission to the Degree of M.B., and having composed an approved Thesis upon some Medical subject.

#### DEGREES AD EUNDEM.

A Graduate of any of the Universities in Great Britain or Ireland may be admitted to the like Degree in the University of Toronto. He must send in his certificate to the Registrar, at least two weeks before the first meeting of the Session of the Senate at which his application is to be brought forward.

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#### FEEES.

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For Matriculation or Entrance .....	\$ 4
For the Degree of M.B. ....	6
For the Degree of M.D. ....	8
For admission <i>ad eundem gradum</i> .....	10

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#### EXAMINATIONS.

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The Examination for Matriculation will be held in the latter part of September.

Additional Examinations for Matriculation may be held at other periods, but no Honors or Scholarships will be awarded at such additional Examinations.

The Examinations, other than that for Matriculation, will be held in the month of April.

Notice will be given annually, in January, of the days on which the Examinations for the year will commence.

Every Student, who proposes to present himself at any Examination, is required to send to the Registrar, at least three weeks before the day appointed, a paper (according to a printed form which will be provided), stating his standing, and whether he is a candidate for Honors or otherwise.

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### SCHOLARSHIPS.

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Four Scholarships will be annually offered for competition, viz :--

One among Matriculants.

One among Students of One Year's Standing.

One among Students of Two Years' Standing.

One among Students of Three Years' Standing.

No Scholarship will be awarded to any candidate unless he shall have been classed in Honors in at least two-thirds of the Departments comprised in the Examination.

Each Scholarship is of the value of \$120 a-year.

Each Scholarship is tenable for one year only, but the Scholar of one year is eligible for the Scholarship of a succeeding year.

Students who have not previously Matriculated, may compete for the Scholarship of the first, second, or third year, by taking, along with the subjects prescribed for that year, the subjects appointed for Matriculation.

Every Student taking a Scholarship, is required to sign a declaration that it is his intention to pursue his Medical studies, one, two, or three years, according to the year in which he has taken such Scholarship, and to proceed to a Degree in the University of Toronto.

## MEDALS, PRIZES AND CERTIFICATES OF HONOR.

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A Gold Medal may be given, upon the special recommendation of the Examiners to the Student, who, at the Examination of the Degree of M.B., shall have been placed first in the First Class.

A Silver Medal will be given to each of the Students, who, at the Examination for the Degree of M.B., shall have been placed in the First Class of Honors, except the successful candidate for the Gold Medal.

No Medal will be awarded to any candidate, unless he shall have been classed in Honors in all the Departments comprised in the Examination.

Prizes, each of the value of Ten Dollars in Books, may be awarded annually among Undergraduates in Law, Medicine, and Arts, for the best Composition in Greek Verse, Greek Prose, Latin Verse, Latin Prose, English Verse, English Prose, French Prose, or German Prose.

Certificates of Honor will be given to those Students, who, at any of the Examinations, have been placed in the First Class in Honors in any Department.

# SUBJECTS OF EXAMINATION.

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## MATRICULATION.

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### CLASSICS.

LUCIAN, Charon.  
CICERO, for Manilian Law.

### MATHEMATICS.

Arithmetic.  
First four rules of Algebra and Simple Equations. (Todhunter's Algebra for beginners.)  
Euclid, Bb. I., II.

### ENGLISH.

Grammar and Composition.

### \*FRENCH.

Grammar and Exercises. (De Fivas'.)  
VOLTAIRE, Histoire de Charles XII., Bb. I., II., III.  
CORNEILLE, Horace, Act II.

### \*GERMAN.

Grammar. (Aue's Elementary.)  
ADLER'S Reader, Parts I., II., III.

### HISTORY AND GEOGRAPHY.

Outlines of English History to the present time.  
Outlines of Modern Geography.

### \*NATURAL PHILOSOPHY.

Mechanics.  
Hydrostatics.  
Pneumatics.

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\* The candidates may select any one of the subjects marked thus.

## DEGREE OF M.B.

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Anatomy.  
 Physiology.  
 Practical Anatomy.  
 Theory and Practice of Medicine.  
 Principles and Practice of Surgery.  
 Midwifery and Diseases of Women and Children.  
 Therapeutics and Pharmacology.  
 Chemistry.  
 Practical Chemistry.  
 Medical Jurisprudence.  
 Botany.

This Examination may also be divided, as follows :—

1. Students of Two or Three Years' Standing may pass a *Primary Examination* in the following subjects :—

- (1.) Descriptive Anatomy.
- (2.) Physiology.
- (3.) Chemistry.
- (4.) Materia Medica.
- (5.) Botany.

N.B.—Only one of these subjects is necessary for a Student who has passed a satisfactory Examination in the subjects appointed for a Scholarship for the Second Year.

2. Students of Four Years' Standing, who have satisfactorily passed the Primary Examination, and have attended the prescribed courses, if they are not candidates for Medals or Honors, may pass the Final Examination in the following subjects :—

- (1.) Surgical Anatomy.
- (2.) Practical Chemistry.
- (3.) Medicine.
- (4.) Surgery.
- (5.) Midwifery.
- (6.) Medical Jurisprudence.

Candidates for Medals or Honors, at the Final Examination, will be examined in all the subjects appointed for the Degree of M.B.

# SCHOLARSHIPS.

## MATRICULATION.

(In addition to the subjects before specified for Matriculation.)

### CLASSICS.

HOMER, Iliad, B. I.  
HORACE, Odes, B. I.  
Translation into Latin Prose.

### MATHEMATICS.

Algebra, as far as Quadratic Equations, inclusive.  
EUCLID, Bb. III., IV. (Colenso's, Potts's, or Todhunter's.)

### FRENCH.

Grammar and Exercises. (De Fivas'.)  
VOLTAIRE, Histoire de Charles III., Bb. I, II, III.  
CORNEILLE, Horace, Act II.

## FIRST YEAR.

Anatomy of the bones, muscles, and the ligaments, and the viscera of the abdomen and thorax.  
General Anatomy and Physiology of the organs of locomotion, digestion, and circulation.  
Inorganic Chemistry and Heat.

## SECOND YEAR.

Anatomy.  
Physiology.  
Organic Chemistry and Electricity.  
Botany.  
Therapeutics and Pharmacology.

THIRD YEAR.

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Medicine.  
Surgery.  
Midwifery.  
Medical Jurisprudence.  
Comparative Anatomy.  
Practical Chemistry.

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STARR MEDALS.

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The late RICHARD NOBLE STARR, M.D., devised certain property for the encouragement of the study of the subjects of Anatomy, Physiology, and Pathology. In fulfilment of this object, the Senate have established one Gold and two Silver Medals, called the "Starr Medals." These medals are competed for annually at the same time as the Examination for the Degree of M.B., and are conferred upon the three competitors who have attained the highest marks in the above subjects; the relative rank of each candidate being determined by the aggregate number of his marks in all such subjects. They are open for competition to all students who have received their medical education in any Medical School or Institution affiliated with the University, and have matriculated or been admitted *ad eundem statum* in the Faculty of Medicine in the University; but such competitors must be of sufficient standing to be entitled to present themselves for the Degree of M.B. Candidates are required to take all the subjects appointed for the Degree of M.B. Every recipient of the Medal must have attained the standing of first class in each of the subjects of Anatomy, Physiology, and Pathology, and must be classed in Honors in all the other subjects of Examination. The "Starr Medal" may be taken and held by any candidate to whom the University Gold or Silver Medal has also been awarded at the same Examination, in which case it is optional for him to receive, instead of such University Medal, the value thereof in money.

N.B.—According to a resolution adopted by the Senate, in June, 1877:—From and after that date, every candidate for a Degree in Medicine, whatever Medical School he may attend, whether affiliated or not affiliated with Toronto University, will be required to pass his Matriculation Examination in the University of Toronto, as given in the above rules and requirements.\*

The Senate, at the same time, also resolved that “The Examinations for Honors, Scholarships and Medals, while extended in the fullest and most liberal manner to *Students coming from any Medical School of good standing, whether or not affiliated to this (the Toronto) University, and whether or not affiliated to any other University,* should *not* be open to those who are at the same time Undergraduates, or Graduates in Medicine, in another University.” This resolution applies equally to all Students, whatever School they may attend.

Those Students of Trinity Medical School who desire to compete for these, to which competition as belonging to an affiliated School, they have the fullest right, will bear the above restriction—adopted by the public University—in mind, and not enter for Examination in any other University until they have Graduated in the University of Toronto; after which they may present themselves for Examination wherever else they please.

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\* This regulation applies equally to those students who have, and to those who have not, passed the Matriculation Examination of the Medical Council.

# UNIVERSITY OF HALIFAX.

## REQUIREMENTS IN MEDICINE.

In the first examination for the degree of M.B., the candidate must present the following certificate :

1. Having completed his 20th year.
2. Having passed the Matriculation examination at least 3 years previously.

Having, subsequently to Matriculation, spent three sessions in some recognized school of medicine, and attended two winter courses of lectures on

Anatomy,  
Physiology,  
Materia Medica,  
Chemistry,  
Practical Anatomy.

One course on Practice of Medicine and Clin. Medicine.

“ “ “ Surgery and Clin. Surgery.

“ “ “ Obstetrics, and Diseases of Wo-

men and Children.

And one course of 3 months each on Botany and Practical Chemistry, having attended for 6 months the practice of a General Hospital. Candidates for this examination will be examined in the following branches only :

Anatomy,  
Physiology,  
Materia Medica,  
Chemistry—Theoretical and Practical.

The fee is \$10, and 30 days notice is required before presenting for examination. The examinations will be held on the first Tuesday in May.

For the second M.B. examination the candidates must present the following certificate :

1. Having completed his 21st year.
2. Having studied one year from the passing of the first M.B. examination, and having attended one winter course of lectures on the following subjects :

Practice of Medicine,  
 " Surgery,  
 " Obstetrics,  
 Medical Jurisprudence,  
 Clinical Medicine,  
 " Surgery.

3. Having attended for one year the practice of a General Hospital.
4. Having attended a Lying-in-Hospital for 6 months, or conducted 10 labours.
5. A certificate of six months practical instruction from a medical man and proficiency in vaccination.

Candidates shall be examined on the following subjects :

Medicine,  
 Surgery,  
 Obstetrics and Diseases of Women,  
 Medical Jurisprudence,  
 Surgical Anatomy,  
 Pathological Anatomy and Chemistry.

The fee for this examination is \$10.

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### DEGREE OF M.D., C.M.

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The following certificate will be required :

1. Having taken the degree of M.B.
2. Having subsequently had charge of a Hospital or Medical institution for a period of one year, or, having charge for a period of 6 months, and one year in practice ; or having been 3 years in practice and having written an approved thesis on some medical subject.

The candidates shall also be examined on the following subjects:

Medicine—Commentary on a case.

Surgery— “ “

Obstetrics— “ “

Examination and report on a case in Medicine and a case in Surgery in the wards of a hospital.

The fee for the examination is \$10, and it takes place also on the 1st Tuesday in May.

# COLLEGE OF PHYSICIANS AND SURGEONS OF ONTARIO.

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THE LICENSING BODY FOR ONTARIO.

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## MATRICULATION.

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1. The Examination in Preliminary Education will be held in Toronto and in Kingston, on the first Tuesday and Wednesday after Good Friday, and the 3rd Tuesday and Wednesday in August of every year.

2. Every Student of Medicine in Ontario must, before his Professional studies begin, pass a satisfactory Examination upon the following subjects, viz. :

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 upon one of the following subjects, (of which Students are recommended to select either Natural Philosophy, or one of the Modern Languages,) the candidate having the option of naming the subject upon which he will be examined, viz. :

Greek,

French,

German,

Natural Philosophy, including Mechanics, Hydrostatics and Pneumatics.

3. The following are the Text-books to be used in this Examination. Where more than one is named, the candidate may select one upon which he will prefer to be examined, viz. :

Latin—Cæsar, *Commentaries on Gallic War*, fifth and sixth Books ; Cicero, *Manilian Law* ; Virgil, *Æneid*, second book.

Greek—Xenophon, *Anabasis*, first book.

French—Voltaire, *Charles XII*, 6th, 7th and 8th Books.

German—Adler's Reader, first part.

Natural Philosophy—Peek's Ganot ; Sangster's first Book.

4. Evidence of having passed a Matriculation Examination in any of the recognized Medical Institutions of Canada prior to July, 1870, will exempt from Matriculating before the Examiners of the Council, upon payment of Ten Dollars.

5. Graduates in Arts, or Students having Matriculated in Arts in any University in Her Majesty's Dominions, are not required to pass the Matriculation-Examination, but may register their names with the Register of the College, upon giving satisfactory evidence of their qualifications and upon paying the Matriculation-fee of Ten Dollars.

6. Every Medical Student after Matriculating, shall be registered in the manner prescribed by the Council, and this shall be held to be the preliminary to his Medical studies, which shall only be considered to begin from the date of such registration.

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### MEDICAL CURRICULUM.

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Every Student after his Matriculation has been registered, must spend a period of four years in actual professional study, except as hereinafter provided.

Graduates in Arts of any College or University recognized by the Council, will only be required to pass three years after graduating, in attendance upon Medical Lectures before being admitted to their final examination.

Every Student shall attend Medical Lectures for at least Three Sessions of six months each, and the said Three Sessions must be included in the first three years.

Each "Six Months Course" shall consist of not less than One Hundred Lectures.

Every Student must attend the undermentioned Courses of

Lectures in a University, College or School of Medicine approved of by the Council, viz. :

*Two Courses of Six Months* each upon

Anatomy,  
 Practical Anatomy,  
 Physiology (including Histology),  
 Theoretical Chemistry,  
 Materia-Medica and Therapeutics,  
 Principles and Practice of Medicine,  
 Principles and Practice of Surgery,  
 Midwifery and Diseases of Women and Children,  
 Clinical Medicine,  
 Clinical Surgery.

*One Course of Six Months* or *Two Courses of Three Months* each upon

Medical Jurisprudence.

*One Course of Three Months* upon

Practical Chemistry,  
 Botany.

*One Course* of not less than *Twenty-five Demonstrations* upon

Microscopic Anatomy, Physiology and Pathology.

Every Student before being admitted to the Final Examination hereinafter mentioned, must have spent a period of six months in the office of a regularly qualified Medical Practitioner,\* in compounding medicines.

He must have attended the practice of a General Hospital for Eighteen months.

He must have attended Six cases of Midwifery.

He must, before being registered as a Member of the College of Physicians and Surgeons of Ontario, have passed all the Examinations hereinafter prescribed ; and he must have attained the full age of twenty-one years.

(a) All persons from recognized Colleges outside the Provinces of Ontario and Quebec, who desire to qualify themselves for Registration in this Province, must pass the Matriculation Exami-

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\* The words "regularly qualified" are applicable only to Practitioners registered according to law.

nation established by the Council, and attend thereafter one full "Winter course" of Lectures in some one of the Ontario Medical Schools, and such other course or courses as may be necessary to complete the Curriculum required by the Council, and shall pass, before the Board of Examiners appointed by the Council, all the Examinations hereinafter prescribed.

(b) Nothing shall exempt residents of Ontario, who, after 1875, elect to pursue their studies outside of the Province of Ontario, from passing four years in the pursuit of their professional studies; such four years to commence at the date of their passing the Matriculation Examination before the Examiners appointed for that purpose by the Council.

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### EXAMINATIONS.

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1. The Professional Examinations are henceforward to be divided into three *Annual* Examinations, and a *Final* Examination.

2. The *Final* Examination to be undergone at the end of the fourth year.

3. The following branches will be the subjects of the first year's Examination, viz:—

Anatomy, of the Bones (excepting those of the Head), Ligaments, Muscles, and the Viscera of the Chest and Abdomen.  
Physiology of Locomotion, Respiration, Circulation and Digestion.

Chemistry of the Non-metallic bodies.

4. The following branches will be included in the second year's Examination, viz:—

Anatomy, other than that of first year.

Physiology, with Microscopic Anatomy.

Chemistry, Theoretical and Practical, other than that of first year.

Sanitary Science.

Botany.

5. The third year's Examination will include:—

Anatomy, Descriptive.

Pathology, Medical and Surgical.

Medical Jurisprudence.

Surgery, Operative.

Midwifery, Operative.

The Examination for the fourth year, or "Final" Examination, will include :—

Toxicology (optional for third or fourth year).

Materia Medica and Therapeutics.

Theory and Practice of Medicine.

Midwifery, other than Operative, and Diseases of Women and Children.

Surgery, other than Operative.

Anatomy, Medical and Surgical.

That at the Annual Examination, the per centage upon each subject required for passing be as follows :—First year, 33 per cent.; second year, 50; third and fourth years, 60.

Pupils who are or have been required by the regulations of this Council to go up for any Annual Examination, and who have refused, or shall refuse to do so, shall lose one year for each such refusal.

That the written portion of the next Professional Examination commence in Toronto and Kingston, towards the end of May, 1878, the precise date to be fixed by the President.

That hereafter no rebate shall be allowed to unsuccessful candidates at any of the Examinations.

The Primary Examinations shall cease after July, 1877.

That attendance at a course of twenty-five Lectures on Sanitary Science shall be required of every Student, except such as have already attended two Winter courses of Lectures.

The third and fourth years' Examinations will be as Clinical and Demonstrative as possible.

The first three *Annual* Examinations are in all respects the same for every candidate.

Any candidate who, at his various Examinations, passes creditably in three or more branches, but fails in the others, shall receive credit for the subjects successfully passed, and only be compelled to pass in the other branches at a subsequent Examination.

## FEES.

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Matriculation .....	\$10
Primary, and 1st, 2nd and 3rd years' Examinations, each .....	10
Final Examination, including Registration and Diplo- ma, such a fee as, together with those already paid for the Professional Examinations successfully passed, will amount in all to.....	50

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N.B.—Sanitary Science has been for years past fully taught in Trinity Medical School, special lectures being delivered on this increasingly important subject.



