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ANNUAL ANNOUNCEMENT

— OF THE —

MEDICAL DEPARTMENT

— OF THE —

WESTERN UNIVERSITY



SESSION 1899-1900.

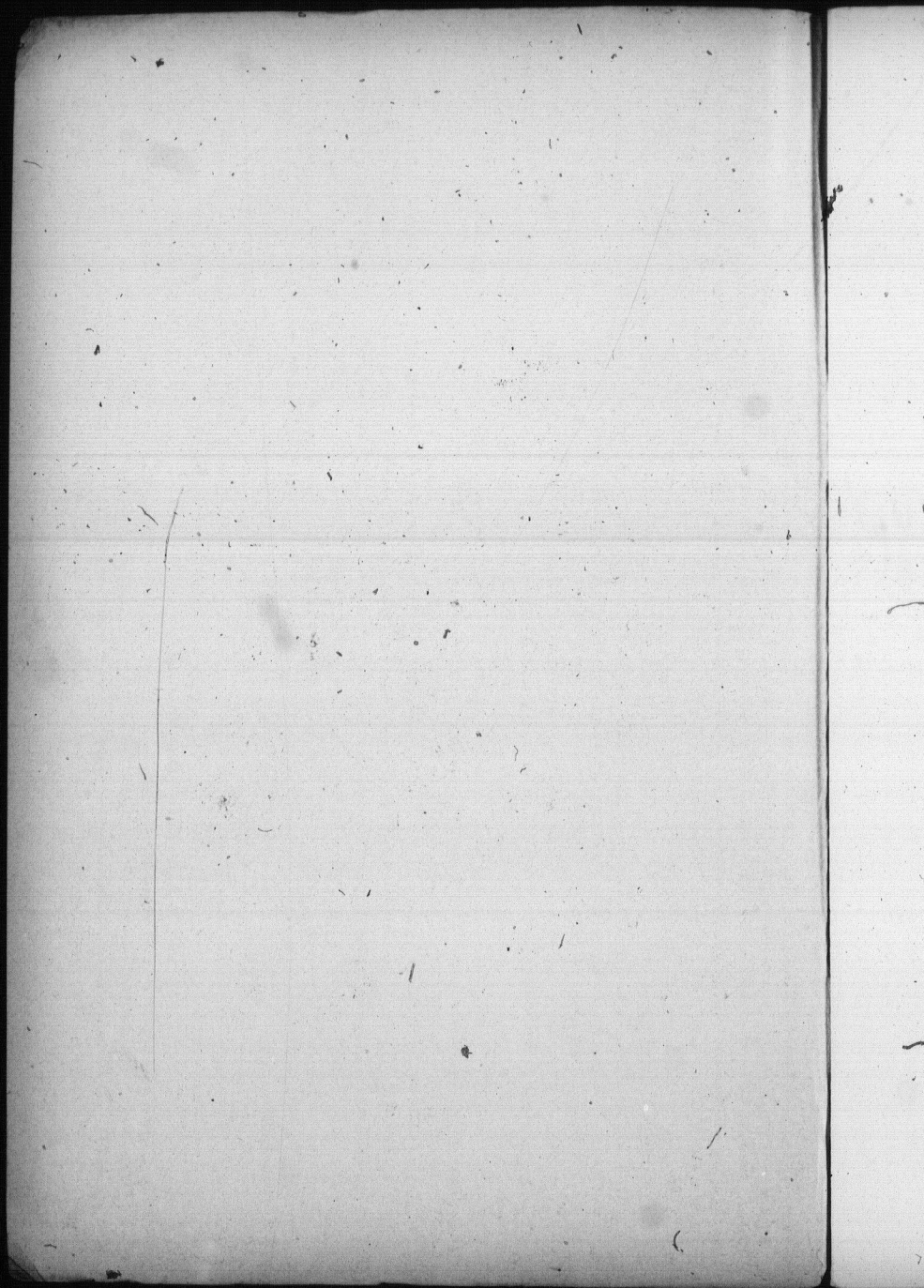
LONDON, - ONTARIO,

CANADA.

JUNE, 1899.



The Southam Ptg. and Litho. Co., Limited, London



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# WESTERN UNIVERSITY



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CANADA.

JUNE, 1899

*The Southam Ptg. and Litho. Co., Limited, London*

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## Administrative Officers.

### *Chancellor:*

THE REV. ALFRED PEACHE, D.D.

### *Vice-Chancellor:*

SIR WILLIAM MEREDITH, LL.D.

### *Registrar and Bursar:*

N. C. JAMES, PH. D.

### *Provost and Principal of Huron College:*

THE REV. B. WATKINS, M.A.

### *Dean of Medical Faculty:*

W. H. MOORHOUSE, M.B.

NOTE—All communications relating to examinations are to be addressed to the Registrar.

## Faculty of Medicine.

W. H. MOORHOUSE, M.B., L.R.C.S. & L.R.C.P., EDINBURGH.

*Dean of the Faculty.*

Professor of Principles and Practice of Medicine; Consultant to the Staff of the London General Hospital and Representative to Medical Council.

*249 Queen's Avenue.*

H. ARNOTT, M.B.,

Associate Professor of Practice of Medicine.

*128 Queen's Avenue.*

R. M. BUCKE, M.D., C.M., F.R.S.C.,

Medical Superintendent of the Asylum for the Insane; Professor of Mental Diseases.

WM. SAUNDERS, F.R.S.C.,

Emeritus Professor of Materia Medica.

*Director of Experimental Farm, Ottawa.*

JAMES BOWMAN,

Emeritus Professor of Theoretical Chemistry; Graduate of the Ontario College of Pharmacy.

*839 Dundas Street.*

F. R. ECCLES, M.D.,

M.R.C.S., ENGLAND; F.R.C.S., EDINBURGH; F.O.S., LONDON.

Professor of Gynaecology; Gynaecologist to the London General Hospital.

*Corner of Queen's Avenue and Wellington Street.*

WM. WAUGH, M.D., C.M.,

Professor of the Principles and Practice of Surgery; Registrar of the Medical Faculty.

*537 Talbot Street.*

J. WISHART, M.D., C.M.

F.R.C.S., EDINBURGH; M.R.C.S., ENGLAND.

Professor of Clinical Surgery; Member of the Staff of the London General Hospital, and Surgeon to St. Joseph's Hospital and Mount Hope Orphanage.

*189 Dufferin Avenue.*

D. B. FRASER, M.B.

M.R.C.S., ENGLAND; L.R.C.P. & S., EDINBURGH.

Professor of Pathology and Histology.

H. A. McCALLUM, M. D.

Professor of Physiology; Associate Professor of Clinical Medicine; Pathologist to the London General Hospital.

*415 Dundas Street.*

H. MEEK, M.D.

Professor of Obstetrics; Gynaecologist to the London General Hospital.

*331 Queen's Avenue.*

G. HODGE, M.D.

Professor of Clinical Medicine; Member of the Staff of the London General Hospital.

*234 Queen's Avenue.*

JOHN DEARNESS.

Public School Inspector.

Professor of Botany and Zoology.

*750 Mailland Street.*

F. T. HARRISON, PHAR. D.

Public Analyst.

Professor of Practical Chemistry.

## Lecturers.

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H. T. WILLIAMS, M.D.

M.R.C.S., ENGLAND.

Lecturer on Anatomy—General, Descriptive and Surgical; Curator of Museum.

E. SEABORN, M.D.,

Demonstrator of Anatomy.

736 Dundas Street.

W. S. McDONALD, M.D.,

Assistant Demonstrator.

679 Dundas St.

C. F. NEU, M.D.,

Lecturer on Physiology, Pathology and Bacteriology.

587 Richmond Street.

J. D. BALFOUR, M.D.,

L.R.C.P., L.R.C.S., EDINBURGH; F.P. & S., GLASGOW.

Lecturer on Obstetrics and Diseases of Children.

R. FERGUSON, B.A. | M.D.,

Lecturer on Therapeutics.

141 Wortley Road.

J. B. CAMPBELL, M.D.,

Lecturer on Materia Medica.

380 Dundas Street.

F. W. MERCHANT, M.A.,

Principal Collegiate Institute.

Lecturer on Chemistry and Physics.

W. J. STEVENSON, M.D.,

Lecturer on Practical Chemistry.

391 Dundas Street.

W. J. WEEKES, M.D.,

Lecturer on Medical Jurisprudence.

405 Dundas Street.

W. M. ENGLISH, M.D., C.M.,

Lecturer on Toxicology and Sanitary Science: Member of the Staff of  
the London General Hospital.

688 Dundas Street.

B. J. BUTLER, M.D.

Lecturer on Ophthalmology, Otology and Laryngology.

446 Waterloo Street.

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### Officers of the Faculty.

*Dean:*

W. H. MOORHOUSE, M.D.

*Registrar:*

WM. WAUGH, M.D.

*Treasurer:*

GEO. HODGE, M.D.



THE MEDICAL DEPARTMENT

—OF—

# The Western University

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The Eighteenth Session of this Medical School will open on Tuesday, the 12th of September, 1899.

Matriculation and Supplemental Examinations will take place from the 12th to the 16th.

The regular lectures will commence on Tuesday, the 19th of September, in accordance with the published programme.

The College Building is commodious and well arranged, centrally located on the corner of Waterloo and York Streets, convenient to the Hospital and Dispensary, is heated, lighted and ventilated in the most approved manner, and supplied with all the latest improvements. The main building contains two spacious Lecture Halls, Chemical and Histological Laboratories, together with Museum, Waiting Room for Students, etc.

The Dissecting Room, being in a separate building, is a sanitary arrangement that will be much appreciated by students.

Intending students are requested to be present at the opening, so as to lose no portion of the course, for they may rest assured that even the most talented will find four years of close application none too much to prepare for this noble and responsible calling.

The Medical Department of the Western University is recognized by the Royal College of Physicians, London, the Royal College of Surgeons of England, Royal College of Surgeons and Physicians of Edinburgh, and Faculty of Physicians and Surgeons of Glasgow, and by the Royal College of Physicians and Royal College of Surgeons in Ireland.

## PLAN OF INSTRUCTION.

LECTURES WILL BE BOTH DIDACTIC AND CLINICAL.

*Lectures and Demonstrations* will be given in the College Building by the several Professors and Lecturers in their various departments. Every effort will be made to make each course as thorough and comprehensive as possible.

Lectures for Final Students will be so arranged that their course will be completed in the forenoon of each day, thus leaving the afternoon free for Dispensary, Hospital and Clinical work.

## PRINCIPLES AND PRACTICE OF MEDICINE.

PROFESSOR MOORHOUSE.

This course will consist of General Pathology, as governing disease in general, with sufficient Special Pathology to make the matter clearly intelligible to the student; the Nature and Causes of Diseases, the Symptoms and Morbid Changes which arise in the course of Disease; the principles governing the general treatment of Disease, and the means to be used for its prevention; the Classification of Diseases, and the description of the affections of the different Organs and Structures throughout the body.

The Lectures will be illustrated with the most recent plates and models.

Special attention will be paid to diseases prevailing in our own climate.

## PRINCIPLES AND PRACTICE OF SURGERY.

PROFESSOR WAUGH.

This course includes Surgical Pathology illustrated by specimens and preparations. The different injuries and diseases are fully described, and the various surgical appliances shown.

## OBSTETRICS.

PROFESSOR MEEK AND DR. BALFOUR.

Teaching in this subject will be made as practical as possible.

By use of Mannikin, the student can make himself familiar with Mechanism of Labor, the use of Forceps, Version, etc.

In the Lying-in Ward in the Hospital, the student will have opportunities for studying the management of cases during the different stages of Labor.

The importance of *Election* in Obstetric Surgery will receive particular attention.

During the Session, a course of lectures on Diseases of Children will be given by Dr. Balfour, lecturer on Midwifery and Diseases of Children.

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## GYNÆCOLOGY.

PROFESSOR ECCLES.

The aim and object of this course will be to make it as thorough and practical as possible. The student's attention will first be directed to all the anatomical and physiological facts bearing on Gynæcological practice. He will then be taught the proper methods of investigating cases and the use of the various instruments required in their diagnosis and treatment.

All the diseases embraced under this head will be brought before the student.

At the London General Hospital, Clinical Instruction will be given to the 3rd and 4th year students, and to the *graduating class* special training in the practical part of the subject.

Pelvic and Abdominal Surgery, and the Clinical Aspect of Abdominal Tumours, will be an important feature of the course.

## ANATOMY—DESCRIPTIVE AND SURGICAL.

LECTURER—DR. H. T. WILLIAMS.

This course comprises lectures on the dissected subject ; specimens prepared by the modern Glycerol Method ; sections in the study of Bone ; a complete dissection of the Brain and Spinal Cord in their relations to Physiology, the Cranium and Spinal Column ; special attention to the Thoracic and Abdominal Viscera as a prelude to their importance in Clinical Medicine and Surgery. The relation of the Fœtus to the adult with the dissection at different periods is carefully studied.

During the course of Osteology, students who apply early will be supplied with specimens from the Museum by the Professor of Anatomy.

Special attention will be given to Practical Anatomy by the Demonstrator and an efficient staff of assistants. The dissecting room is large and well ventilated, and supplied with every requisite for comfort and convenience.

During the dissecting of each part, the student will be examined at least three times by the Demonstrator, who, when he is satisfied, will certify to the work done.

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## PHYSIOLOGY.

PROFESSOR McCALLUM AND DR. NEU.

The course in this subject will consist of Demonstrations and Didactic lectures. The relation of Physiological facts to Practical Medicine and Pathology will receive the attention it merits. Lectures will be illustrated by diagrams, charts, instruments and experiments on animals.

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## GENERAL CHEMISTRY AND CHEMICAL PHYSICS.

PRINCIPAL MERCHANT.

In these subjects the lectures will be accompanied by experimental demonstrations. To this end the chair has been fully equipped with all the necessary apparatus. All will be taught with special reference to their application to medicine.

## PRACTICAL CHEMISTRY.

PROFESSOR F. T. HARRISON.

LECTURER—DR. W. J. STEVENSON.

The laboratory of Practical Chemistry is probably second to none in the Dominion in the matter of fittings, no expense having been spared to make the room convenient and useful to the students, each of whom performs for himself every operation of the course, which embraces Inorganic and Organic Chemistry, Toxicology and Urinary Analysis, and is kept within the limits of that which will be of ultimate practical value, rather than that which would be merely crammed and then forgotten.

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## MATERIA MEDICA AND PHARMACY.

LECTURER—DR. J. B. CAMPBELL.

In this course special attention will be given to the most important drugs and their preparations.

A complete collection of the different medicinal agents in their various forms is at the disposal of this department, and will be utilized to make the student familiar with the drugs.

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## THERAPEUTICS.

LECTURER—DR. FERGUSON.

Instruction in this department will embrace a practical study of the Physiological and Therapeutical action of the more important officinal drugs, together with instruction in the properties and uses of newer remedies of reputed therapeutic value. Incompatibility of drugs, and the theory and art of prescribing will receive due attention.

## MEDICAL JURISPRUDENCE.

LECTURER—DR. WEEKES.

This course includes lectures upon medical expert testimony and the proper modes of procedure at coroners' inquests; insanity in its legal relations and the legal rights and obligations of physicians.

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## TOXICOLOGY.

LECTURER—DR. ENGLISH.

Classifications of poisons, their modes of action, treatment, post-mortem appearances and chemical tests; diseases resembling poisoning.

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## HISTOLOGY AND PATHOLOGY.

PROFESSOR D. B. FRASER.

LECTURER ON PATHOLOGY AND BACTERIOLOGY—DR. C. F. NEU.

Normal and Pathological Histology receive most careful attention. Students are furnished with microscopes and the accessories necessary for the preparation and preservation of microscopic specimens of their own for future reference. The classes will have opportunity of seeing post-mortems in the autopsy room, under the direction of the Pathologist.

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## SANITARY SCIENCE and PUBLIC HEALTH.

LECTURER—DR. ENGLISH.

Lectures on the following subjects will be given: Air—its impurities and their effects; ventilation, heating and lighting; water supplies, and diseases due to impure water; sewerage and the disposal of refuse; climatology; soils and building sites; public and private dwellings, including hospitals; food, beverages and condiments; exercise and clothing; baths; the contagia; communicable diseases and their prevention; quarantine; duties of medical health officers and boards of health; vital statistics; sanitary legislation.

## BOTANY AND ZOOLOGY.

PROFESSOR JOHN DEARNESS.

The course is selected with special consideration of the needs of the medical student. Enough of Morphology and classification is taught to qualify for the intelligent use of the common synoptical keys. Particular attention is given to questions of Physiology and Biology. The student is made acquainted from specimens with the native poisonous and medicinal plants. Free use is made of the Microscopes and of specimens—living, exsiccated or preserved in alcohol—to illustrate the lectures practically throughout.

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### LABORATORIES.

*Chemical Laboratory.*—This Laboratory is furnished so that all analytical operations can be carried on by the student with the greatest convenience.

*Histological and Pathological Laboratory.*—Students will have special facilities in studying and making themselves thoroughly acquainted with the specimens that are the subject of demonstration.

*Botanical and Biological Laboratory.*—The student is furnished with all the necessary apparatus and material for practical work.

*Bacteriological Laboratory.*—A Bacteriological department has been added during the past year, and thoroughly equipped with all necessary apparatus.

The course on Bacteriology will include the following:

- (1) Study of Biology, Morphology and Physiology of Micro-organisms.
- (2) Preparation of culture media and stains.
- (3) Study of cultural and staining peculiarities.
- (4) Experimental study of vitality, thermal death points and pathogenesis on animals of some of the more important organisms.
- (5) Different methods of sterilizing and disinfecting.
- (6) Experimental study of relative value of antiseptics.

## CLINICAL INSTRUCTION.

The London General Hospital during the past ten years has been under a Board of Trustees, and during that period it has been enlarged and improved in many ways. The following gentlemen form the Board:

COL. R. LEWIS, Chairman.  
T. H. PURDOM.  
JAS. GILMOUR, M. P.  
HIS WORSHIP MAYOR WILSON.  
THOS. McCORMICK.  
J. D. BALFOUR M. D., Hospital Supt.

London, with its suburbs, now contains over 50,000 inhabitants, and is rapidly increasing in size. It is also surrounded by the most densely populated farming community in the province, so that the number of patients admitted to the hospital furnishes a large and varied number of cases for Clinical study, which will be conducted in such a manner as to afford each student frequent opportunities of personally examining patients. The London General Hospital contains 104 beds\* which are frequently all full, and the Training School in connection with the Hospital secures the best system of nursing. A new, well-equipped operating room has recently been added. Clinical Clerks and Surgical Dressers will be appointed from among the advanced students, who will take notes of cases and report the same.

During this course are taught the uses of and practice with the Ophthalmoscope, Laryngoscope, Sphygmograph and other instruments of precision used in medical and surgical diagnosis.

According to a regulation of the Medical Council, students are required to attend the practice of a General Hospital for a period of twenty-four months.

The several medical charities of the city also afford material for practical instruction, and the advanced students will have the opportunity of visiting, with the Surgeon in attendance, and assisting at operations, etc. The principal charities are: Mount Hope

\*The Hospital, is at the present time being rebuilt and greatly enlarged, and when completed will afford facilities for Clinical instruction second to none in the Province.



Orphan Asylum, the Protestant Orphan Home, the Convalescent Home, the Old Men's Home, St. Joseph's Hospital, etc.

Students have access to the London Asylum for the Insane, which at the present time contains over 1,000 patients, hence affording ample opportunity for instruction in mental diseases.

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## CLINICAL MEDICINE.

PROFESSOR GEORGE HODGE.  
ASSOCIATE PROFESSOR—H. A. McCALLUM.

In this course instruction is given at the bedside, and abundant opportunity is afforded each member of the class for a personal examination of all cases. Special attention will be given to the diagnosis of diseases of the Thoracic and Abdominal Viscera by physical signs. Chemical and microscopical examination of the blood, expectoration, contents of stomach and urine, is made before the class.

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## CLINICAL SURGERY.

PROFESSOR WISHART.

The Professor of this subject is now in a position to give students a very complete course on Practical and Operative Surgery.

The course, as herteofore, will, in addition to the ordinary clinic, include a complete course on diseases of the Urinary Organs, Orthopædic Surgery, Minor Surgery, Banaging, Rules of Surgical Cleanliness and the different types of Dressings and their methods of preparation.

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## DISEASES OF THE MIND.

PROFESSOR BUCKE.

This course will consist almost entirely of Clinical lectures given in the wards of the Asylum, in the course of which every form of insanity (as far as practicable) will be brought before the notice of the student. This course is now compulsory.

## TIME TABLE.

TIME.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
A. M. 8 to 9	Surgery.	Surgery.	Surgery.	Surgery.	Practical Pathology and Bacteriology.	Pr. Chemis'y
	Chemistry.	Chemistry.	Chemistry.	Chemistry.		
9 to 10	Obstetrics.	Gynæcology.	Obstetrics.	Gynæcology.		
	Anatomy.	Anatomy.	Anatomy.	Anatomy.		Botany.
10 to 11	Medicine.	Medicine.	Medicine.	Medicine.	Diseases of Children.	Med. & Surg. Anatomy.
	Physiology.	Mat. Medica.	Physiology.	Mat. Medica.	Physiology.	Zoology.
11 to 12	Therapeutics.	Jurisprud'nce	Therapeutics.	San. Science.	Jurisprud'ce	Toxicology.
		Pr. Histology			Pr. Histology	
P. M. 1.30 to 3.30	Clinical Surgery.	Clinical Medicine.	Clinical Ophthalmol'gy	Clinical Surgery.	Clinical Medicine	Clinical Gynæcology
	Pr. Anatomy.	Pr. Anatomy.	Pr. Anatomy	Histology.	Pr. Anatomy.	
4 to 5	*Physics.	Physics.	Physics.		Physics.	
3.30 to 5.30				Pathology.		

\*This Course begins in January, 1900.

## CALENDAR.

- 1899—12th September—Session begins. Matriculation Examination.  
 " 19th September—Lectures begin.  
 " 22nd December—Lectures close for Christmas holidays.  
 1900—9th January—Lectures resume.  
 " 23rd April—Examination begins.  
 " 13th May—Convocation.

## MATRICULATION IN MEDICINE.

The subjects are as follows :

Canadian and English History, with Geography relating to the History prescribed, English Language, including Grammar and Composition, etc.

Arithmetic, Algebra, including simple equations.

Geometry, Books 1, 2 and 3, with easy deductions.

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.

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

Latin—Cæsar, *Bellum Gallicum*, Books I., II., or V. and VI. ; Cicero, *Pro Lege Manilia* ; Virgil, *Aeneid*, First or Second Book.

Greek—Xenophon's *Anabasis*, Book I., First Chapter St. John's Gospel.

French—Voltaire, *Charles XII.*, any one Book.

German—Schiller's *Thirty Years' War*, 1st Book.

Natural Philosophy—Steward's Physics.

This examination will be held beginning on the 12th of September, 1899, and second Friday in March, 1900. Applications may be made to the Registrar of the Faculty till the evening of the day before the examination.

Graduates or Matriculates in any recognized University in her Majesty's Dominions are not required to pass the Matriculation Examinations.

The certificate of having passed the Matriculation Examination recognized by the College of Physicians and Surgeons of Ontario or Quebec is accepted by this University.

The High School Primary, or Junior, or Senior Leaving, for H. S. Examination forms II., III. or IV., with Latin in each case is also accepted as a Certificate of Matriculation.

N. B.—This examination is recognized by the Medical Council and Colleges of Great Britain, provided the student has a certificate of having passed on Natural Philosophy, this subject being compulsory in the Mother Country.

## College of Physicians and Surgeons of Ontario.

### SECTION I.

#### MATRICULATION.

Everyone desirous of being registered as a matriculated medical student in the Register of this College, except as hereinafter provided, shall be required to pay a fee of twenty dollars and to conform to the following regulations :

1. Any person who presents to the Registrar of the Medical Council a certificate that he has passed the examination conducted by the Education Department on the course prescribed for matriculation in Arts, including Chemistry and Physics, and approved by the Lieutenant-Governor in Council, shall be entitled, on payment of the lawful fees in that behalf, to registration as a medical student within the meaning of Section XI. of the Ontario Medical Act.

2. Any person who before the 15th day of June, 1896, had not passed the examination in all the subjects prescribed for matriculation as aforesaid, shall be entitled to registration as a medical student on submitting to the Registrar a certificate that he has completed such examination by passing in the remaining subjects of such matriculation, including Chemistry and Physics ; but this privilege shall not be available on or after Nov. 1, 1899.

3. A certificate from the Registrar of any chartered university conducting a full Arts course in Canada, that the holder thereof has passed the senior matriculation of such university or the examination conducted at the end of the first year in Arts by such university, shall entitle such holder to registration. This provision shall remain in existence up to November 1st, 1899.

4. Any person who, on or before the 1st day of November, 1895, had passed the examination of any university in Canada for matriculation in arts, or the matriculation examination conducted by the Education Department entitling to registration in arts with any university in Canada—or an examination entitling to registration with the Medical Council subsequent to July 1st, 1888—shall be entitled to registration on submitting to the Registrar a certificate to that effect, signed by the proper officer in that behalf; but these qualifications shall stand up to the 1st November, 1899.

5. Graduates in arts, in any university in Her Majesty's dominions, are not required to pass this examination, but may register their names with the Registrar of the College upon giving satisfactory evidence of their identity, the presentation of a certificate of qualification and the payment of the fee of twenty dollars.

6. Excepting as provided for in Sub-section 3 of Section I. herein—every medical student after matriculation shall be registered in the manner prescribed by the Council, and this will be held to be preliminary to his medical studies which will not be considered to begin until after the date of such registration.

## SECTION II.

### MEDICAL CURRICULUM.

1. Every student must spend a period of five years in actual professional studies, except as hereinafter provided; and the prescribed period of studies shall include four winter sessions of not less than eight months each. The fifth or final year shall be devoted to clinical work, six months of which may be spent with a registered practitioner in Ontario, and six months must be spent at one or more public hospitals, dispensaries or laboratories devoted to physiological or pathological research, Canadian, British or foreign, approved by the Council. The regulations relating to the eight months shall come into effect on the 1st of October, 1899.

2. Graduates in arts or science of any college or university recognized by the Council who shall have spent a year in the study of physics, chemistry and biology, and shall have passed an examination in the subjects in their university course, shall be held to have completed the first year of the five years of medical study; after

three years of attendance upon medical studies shall be eligible for the intermediate examination, and must thereafter comply with the requirements for the fifth or final year, which is to be devoted to clinical work.

3. Application for every professional examination must be made to the Registrar of the College of Physicians and Surgeons of Ontario two weeks prior to examination. No application will be received unless it is accompanied by the necessary tickets and certificates, and by the Treasurer's receipt showing that the fees have been paid.

4. Excepting as hereinafter specified, each six or eight months' course shall consist of not less than fifty lectures, and "each three or four months' course," of not less than twenty-five lectures.

5. 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 not less than six or eight months each (in the different years) upon—

ANATOMY.

PRACTICAL ANATOMY.

PHYSIOLOGY (including Histology.)

THEORETICAL CHEMISTRY.

MATERIA MEDICA AND THERAPEUTICS.

PRINCIPLES AND PRACTICE OF MEDICINE.

" " " " SURGERY.

MIDWIFERY AND DISEASES OF WOMEN.

Two courses of six or eight months consisting of not less than one hundred lectures and demonstrations in—

CLINICAL MEDICINE.

CLINICAL SURGERY.

One course of not less than six or eight months upon—

MEDICAL JURISPRUDENCE.

MEDICAL, SURGICAL, AND TOPOGRAPHICAL ANATOMY.

Two courses of not less than three or four months each (in different years) upon—

DISEASES OF CHILDREN.

PRACTICAL CHEMISTRY (including Toxicology.)

One course of three or four months upon—  
 SANITARY SCIENCE.  
 PRACTICAL PHARMACY.

The latter to be taken prior to candidate presenting himself for examination on *Materia Medica* and Pharmacy.

One course of ten lectures upon—  
 MENTAL DISEASES.

One course of fifty demonstrations upon—  
 PHYSIOLOGICAL HISTOLOGY.

Two courses of six or eight months each consisting of fifty lectures and demonstrations in Pathology.

One course of three or four months consisting of twenty-five lectures and demonstrations in Bacteriology.

A certificate of having attended five lectures and five demonstrations upon the use of Anæsthetics.

6. Every candidate will be required to prove that he has carefully dissected the adult human body.

7. Also must have attended the practice of a general hospital for twenty-four months during the first four years of study.

8. Also must have attended six cases of midwifery.

9. Also must, before being registered as a member of the College of Physicians and Surgeons of Ontario, have passed all the examinations herein prescribed, and attained the full age of twenty-one years.

### SECTION III. EXAMINATIONS.

1. The professional examinations are divided into three parts :  
 a " Primary," " Intermediate " and " Final."

2. The Primary examination shall be undergone after the second winter session, and the Intermediate after the third or fourth winter session, the Final after the fifth.

3. The following branches shall be embraced in the Primary examination :

a. ANATOMY.

b. PHYSIOLOGY AND HISTOLOGY.

c. CHEMISTRY (Theoretical and Practical.)

d. MATERIA MEDICA AND PHARMACY.

4. Every candidate for the Primary examination will be required to present, with his lecture tickets, a certificate of having undergone and passed an examination at the school he has attended at the close of his first winter session on Primary branches. Also a certificate of ability to make and mount microscopic specimens.

5. Each candidate for Final examination must present a certificate of attendance at six post mortem examinations, a certificate of ability to draw up a report of a post mortem examination; a certificate of having reported satisfactorily six cases of clinical medicine; and six cases of clinical surgery, and a certificate of having passed the Intermediate examination, the certificates to be signed by the teachers referred to upon these subjects, or the practitioner holding post mortem.

6. All candidates shall (excepting art graduates) present a certificate of having passed at the close of their third session in the college or school they may have attended, an examination in such parts of medicine, surgery and midwifery as may be thought advisable by the faculties of the respective colleges or schools. This examination is not in any way to interfere with any of the examinations of the Council. One year's attendance after the Intermediate examination as House Surgeon or Physician in any Hospital recognized by the Council shall be held to be equivalent to the fulfilling of the requirements for the fifth year of clinical work.

The following branches shall be embraced in the Intermediate examination:

- a. MEDICAL, SURGICAL AND TOPOGRAPHICAL ANATOMY.
- b. PRINCIPLES AND PRACTICE OF MEDICINE.
- c. GENERAL PATHOLOGY AND BACTERIOLOGY.
- d. SURGERY, other than Operative.
- e. SURGERY, operative.
- f. MIDWIFERY, other than operative.
- g. MIDWIFERY, operative.
- h. MEDICAL JURISPRUDENCE, INCLUDING TOXICOLOGY AND MENTAL DISEASES.
- i. SANITARY SCIENCE.
- j. DISEASES OF CHILDREN.
- k. DISEASES OF WOMEN.
- l. THERAPEUTICS.



7. The Primary and Intermediate examinations shall be "written" and "oral." The Final "oral" and "clinical."

8. The following branches will be embraced in the Final examination:

- a. CLINICAL MEDICINE.
- b. CLINICAL SURGERY.
- c. DISEASES OF WOMEN.
- d. DISEASES OF CHILDREN, MEDICAL AND SURGICAL.

9. Candidates for the Primary who fail in all subjects but two, must make 60 per cent. in each of these subjects or get no credit for any. Candidates for Intermediate who fail in all subjects save three, will be allowed those three if they pass 60 per cent. in each.

10. The next professional examination will be held at Toronto and Kingston on the third Tuesday in May, 1900.

#### SECTION IV.

#### FEEES.

1. The following scale of Fees has been established by the Council of the College of Physicians and Surgeons of Ontario:

- |   |         |
|---|---------|
| a. Registration of Matriculation.....                                 | \$20 00 |
| b. Primary Examination.....   | 30 00   |
| c. Intermediate and Final Examination, including<br>Registration..... | 50 00   |

This is not affect any student who is registered as a Matriculate prior to 1st July, 1889.

2. All fees must be paid in lawful money of Canada to the Treasurer of the College.

3. No candidate will be admitted to any examination until the fee for such examination is paid in full.

4. Candidates who have failed in any professional examination, shall pay a fee of twenty dollars for each subsequent examination.

## EXAMINATIONS.

The following are the subjects upon which students are examined at the close of each session:

## FIRST YEAR SESSIONAL EXAMINATION.

	MARKS.
Anatomy, - - - - -	100
Physiology, - - - - -	100
Chemistry, - - - - -	100
Materia Medica, - - - - -	50
Practical Anatomy, - - - - -	100
Botany, - - - - -	25
Physics - - - - -	50
Zoology - - - - -	25

## SECOND YEAR PRIMARY PASS EXAMINATION.

	Relative Value of Subjects.
Descriptive Anatomy, - - - - -	100
Practical Anatomy, - - - - -	100
Physiology, - - - - -	100
Histology, - - - - -	50
General and Medical Chemistry, - - - - -	100
Practical Chemistry, - - - - -	50
Materia Medica, - - - - -	50

## THIRD YEAR EXAMINATION.

Medical Jurisprudence, - - - - -	50
Surgical Anatomy, - - - - -	50
Sanitary Science, - - - - -	25
General Pathology and Bacteriology, - - - - -	50
Clinical Medicine, - - - - -	100
Clinical Surgery, - - - - -	100
Clinical Gynæcology, - - - - -	20
Toxicology, - - - - -	25

## FOURTH YEAR PROFESSIONAL EXAMINATION.

Theory and Practice of Medicine, - - - - -	100
Principles and Practice of Surgery, - - - - -	100
Midwifery and Diseases of Women and Children, - - - - -	100
Clinical Medicine, - - - - -	100
Clinical Surgery, - - - - -	100
Clinical Gynæcology, - - - - -	20
Therapeutics, - - - - -	50

In passing these examinations, candidates must maintain an average percentage of fifty, and not fall below forty per cent. on any subject.

## MEDALS, SCHOLARSHIPS, PRIZES.

A Gold Medal will be awarded to the student of the Graduating Class who obtains the highest number of marks on the examinations for the 2nd, 3rd and 4th years.

A Silver Medal will be awarded to the student of the Graduating Class who obtains the second highest number of marks on the examinations of the 2nd, 3rd and 4th years.

In order to compete for these medals, a student must have attended lectures during one whole winter session at the University and have taken out tickets on the final branches; he must have attained an aggregate of not less than seventy-five per cent. on all the subjects of examination, for the 2nd, 3rd and 4th years, and not have fallen under fifty per cent. on any subject.

A Scholarship of the value of \$25 will be awarded to the student who obtains the highest aggregate number of marks on the subjects included in the first year's examination.

A Scholarship of the value of \$25 will be awarded to the student who obtains the highest aggregate number of marks in the second year's examination.

A Scholarship of the value of \$25 will be awarded to the student who obtains the highest aggregate number of marks in the third year's examination.

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## CERTIFICATES OF HONOR.

Certificates of Honor will be awarded to those students who have made 75 per cent. of the total marks at the final examination on all subjects included in the curriculum. (page 24).

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## HOSPITAL ASSISTANT.

The Trustees of the London General Hospital have decided to offer the position of House Surgeon to the member of the graduating class obtaining the highest aggregate number of marks in the third and fourth year examinations. This situation is tenable for one year, commencing at the close of the Winter Session, and entitles the holder to board and residence in the Hospital Building, thus allowing him ample opportunity for practical experience in his profession.

## DEMONSTRATOR'S ASSISTANTS.

Two Assistants on Practical Anatomy will hereafter be appointed annually by the Faculty, on the recommendation of the Demonstrator.

These appointments are of much practical value, and will be given to advanced students who have passed the primary examination on this subject.

## CONFERRING OF DEGREES.

The Annual Convocation for the conferring of Degrees will be held at the close of each Winter Session, when successful candidates will have the Degree of Doctor of Medicine conferred upon them. At the same time the Gold Medal and the several Prizes and Scholarships will be presented by the Chancellor to students who succeeded in winning these honors, and honorable mention will be made of those who have made sufficient marks in the different subjects of examination to entitle them to this distinction.

### \* FEES.

Registration ( <i>payable once only</i> )	\$5 00
Matriculation,	5 00
†Tuition, First Year,	90 00
"    Second Year,	90 00
"    Third Year,	90 00
"    Fourth Year,	90 00
For a perpetual ticket to the London General Hospital,	20 00
" six months' "	6 00
Annual Examination, each,	5 00
Graduation Doctor of Medicine (M. D.)	25 00

\*All fees are payable to the Registrar.

†If paid on or before Nov. 1st, a discount of 5 per cent. will be allowed.

All students, after having attended two full courses of lectures in any branch, shall be entitled, without further charge, to a perpetual ticket for that branch, except the following: Practical Anatomy, Pathology, Histology and Practical Chemistry, every course of which attended must be paid for.

The certified ticket of other recognized Medical Schools will be accepted by this University.

Dental and other casual students can attend any course or courses of lectures in this institution on payment of the usual fees for the same, without Matriculation or Registration.

Material for dissection will be supplied at less than original cost.

Board and lodging can be obtained at reasonable rates convenient to the College or Hospital as the student desires.

### GENERAL TEXT BOOKS.

*Anatomy*—Gray, Quain.

*Practical Anatomy*—Heath, Ellis, Holden, Weissee.

*Physiology*—Foster, Landois and Sterling, Yeo, Kirk, Mc Kendrick, Waller.

*Chemistry*—Introduction to the Study of Chemistry, Remsen.

*Organic Chemistry*—Remsen.

*Therapeutics*—Hare, Yeo.

*Surgery*—Moullin, F. Treves, De Costa.

*Medicine*—Osler, Fagge, Lockwood, Stumpell, Anders, Roberts, Quain's Dictionary of Medicine, Albutt's System of Medicine, Loomis and Thompson's System of Medicine; and on Diagnosis—Bury, Finlayson, Jaksch, Hutchison & Rainy.

*Gynaecology*—McNaughton Jones, Penrose, Garrigues, Byford, Lewers.

*Midwifery*—Lusk, Playfair, Hirst, Dakin, Grandin and Jarman

*Medical Jurisprudence and Toxicology*—Reese, Taylor, Husband, Woodman, Tidy and McLane Hamilton.

*Pathology*—Coats, Ziegler, Payne, Green, Delafield and Prudden.

*Sanitary Science*—Louis C. Park, Normal School Manual, Wilson and Stevenson Murphy.

*Materia Medica*—Bruce, Whitla, Butler, Hale White.

*Dictionary*—Gould, Duane.

*Histology*—Klein.

*Botany*—Bessey, Gray, Spotton.

*Dermatology*—Duhring's Cutaneous Diseases, Jackson, Crocker.

## Requirements for the Degree of Doctor in Medicine.

Every candidate for graduation in Medicine must give sufficient evidence by certificate :

I. That he has passed the Matriculation Examination, or one equivalent thereto, and recognized by this University.

II. That he has been engaged in the study of Medicine over a period of four years, and that he has, during that time, attended lectures extending over at least four sessions, of six months each, in this or some other recognized University, College or School of Medicine.

III. That he has attended two courses of *one hundred lectures* each upon Anatomy, Practical Anatomy, Practice of Medicine, Surgery, Theoretical Chemistry, Midwifery and Diseases of Women and Children, Materia Medica and Therapeutics, Physiology, Clinical Medicine, Clinical Surgery; one course of *fifty lectures* each upon Medical Jurisprudence, Physics and Practical Chemistry; one course of *twenty-five lectures* each on Toxicology, Sanitary Science and Surgical Anatomy; one course of at least *fifty practical demonstrations* upon Normal and Pathological Histology; and one course of *twenty lectures* each on Botany and Zoology; one course on Mental Diseases, and one on Anæsthesia.

IV. That he has attended for at least twenty-four months the practice of the London General Hospital, or that of some other Hospital recognized by this University, and one Summer Session at this or some other recognized Medical School.

V. That he has attended for six months the practice of a Lying-in Hospital, and had charge of at least six cases of accouchment.

VI. That he has spent at least one session in attendance upon lectures in this University, and procured tickets for at least the final branches.

VII. That he is of good moral character and of the full age of twenty-one years; and that he has been engaged in compounding medicines in the office of a duly qualified medical practitioner, or registered druggist, for a period of six months.

## REGULATIONS FOR STUDENTS.

(TO BE STRICTLY OBSERVED.)

1. Students are expected to conduct themselves in an orderly manner in the Lecture-rooms or any other part of the College buildings, not only during lectures, but at all times.

2. Damage done to College property must in every case be made good by the party who does the damage.

3. In the case of noisy or other disorderly conduct, any student may, at the discretion of the Professor, be requested to leave the class-room. Persistence in any offence against discipline, after admonition by the Professor, shall be reported to the Dean of the Faculty. The Dean may at his discretion, reprimand the student, or refer the matter to the Faculty at its next meeting, and may, in the interval, suspend from the classes.

4. Absence from any number of lectures can only be excused by necessity, of which proof must be given to the Faculty when called for. The number of times of absence that shall disqualify from the keeping of a session, shall in each case be determined by the Faculty.

5. When students are brought before the Faculty, under the above rules, the Faculty may reprimand, impose fines, disqualify from competing for prizes and honors, suspend from classes or expel from the College.

6. Any complaints made by students must be given in writing to the Registrar, who will lay the same promptly before the Faculty.

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## FACULTY OF ARTS.

A full course in Arts, Pass and Honor, is provided by the Senate, the lectures being given at Huron College. The Curriculum of the University of Toronto is adopted.

A special Natural Science course is also provided by the Senate. Several subjects of this course correspond with those of the Medical course, and may be taken in conjunction therewith, but a more extended knowledge and higher percentage of marks are required.

7

Examiners in all subjects of this course are appointed by the Senate, separate from the Medical Faculty.

Candidates taking the double course may obtain the degree of B. A., in addition to that of M. D.

Students may present themselves for examination in Arts at the appointed time, without attendance at classes.

The following is the

### NATURAL SCIENCE COURSE.

#### FIRST YEAR.

English ; Latin *or* Greek ; Mathematics ; French ; German.

Elementary Biology, with laboratory work, including the study of typical animals and plants.

Elementary Physics (mechanics, hydrostatics and heat), including laboratory work. Elementary Chemistry.

#### SECOND YEAR.

English ; Latin *or* Greek *or* French *or* German.

Zoology of the Vertebrata, with laboratory and museum work.

Botany (structure of the vegetative and floral organs of phanerogamus plants.

Geology, with practical work. Elementary Physiology. Chemistry, with practical work. Elementary Mineralogy.

#### THIRD YEAR.

English ; Latin *or* Greek *or* French *or* German.

Zoology of the Invertebrata, with a practical knowledge of typical forms.

Botany, structure and classification of cryptogamic plants, with practical knowledge of types ; Vegetable Physiology.

Geology and Palæontology (stratigraphical), with laboratory work.

Chemistry (organic) with laboratory work.

#### FOURTH YEAR.

English ; Latin *or* Greek *or* French *or* German.

General Biology ; Morphology and Embryology of Vertebrates.

Physiological Psychology ; Physiological Chemistry ; Physiology ;

Histology ; Bacteriology.



## LIST OF STUDENTS.

Abbott, C. E.	Elliott, C. C.	McGuigan, H. M.
Ardiel, J. A.	Elliott, G. G.	McGuffin, G.
Arnott, D. H.	Elliott, R.	McGrady, M.
Atkinson, J. W.	Fawcett, W. C.	McEvoy, S. H.
Baker, J.	Ferguson, J. J.	McKechnie, W. D.
Barnes, E.	Fischer, W. J.	McRae, F. J.
Becher, A. V.	Fleming, P. J.	McNeil, G.
Bryant, B. L.	Grant, A. J.	Pigot, C. T.
Bryant, F.	Gordon, H.	Reasen, C. H.
Brown, J. M.	Gray, J. R.	Ramsay, E. T.
Bray, H. A.	Hunt, H. L.	Rogers, J.
Bucke, E. P.	Johnston, N. F.	Ryan, T.
Byers, S. J.	Kemble, J.	Ross, C. C.
Campbell, J. F.	Kennedy, G. B.	Routledge, R.
Clark, W. F.	Kippen, R. M.	Russell, J. W.
Clark, G. L.	Little, J. C.	Smith, G. C.
Clay, G. W.	Mason, J. J.	Smith, J. M.
Cowan, C. B.	Meek, F. B.	Tamlin, C. S.
Creighton, E. A.	Meadows, M.	Thompson, S.
Craig, J. W.	Meadows, W.	Tomson, R. B. C.
Clark, W.	Morrow, F. G.	Tom, P. H.
Doyle, W. C.	Morris, S. J.	Turner, A. J.
Dundas, J. F.	McBane, D.	Voden, A.
Downing, J. H.		Williams, E. L.
Eakins, F. C.		

**Students who have passed the First Year Examination:**

## THEORETICAL ANATOMY.

*Honors*—Mason, (MacGuigan and McBane), Fleming, (Little and McRae), G. Smith, (McNeil and J. Smith).

*Pass*—(Fischer, Johnson and Downing), (Morrow and Voden), Bryant, (Clark and Tom), (Hunt, Gray, Bray, Gordon, M. Meadows and W. Meadows).

## PRACTICAL ANATOMY.

*Honors*—Fleming, (MacGuigan and J. Smith), McBane, (Mason and McRae), McNeil and G. Smith.

*Pass*—Little, (Clark and W. Meadows) and Morrow, (Johnson and M. Meadows), Hunt, Fischer, (Tom and Gray), Gordon, Bray, Downing, Bryant and Voden.

## THEORETICAL CHEMISTRY.

*Honors*—Mason, McRae, MacGuigan, McBane, (McNeil and Tom).

*Pass*—Fleming, Johnson, Morrow, (Bryant and Fischer), (Downing and Voden), (Little and G. Smith), (Clarke and W. Meadows).

## PHYSIOLOGY.

*Honors*—(MacGuigan and McBane), (Fleming and McRae), Mason, (Fischer, Little and McNeil).

*Pass*—Voden, Clark, (G. Smith and Downing), J. Smith, (Bryant, W. Meadows and Gordon), (Johnson, Hunt, M. Meadows, Morrow, Tom, Gray and Bray).

## MATERIA MEDICA.

*Honors*—MacGuigan, Fischer, Fleming, McBane and Mason.

*Pass*—Tom, (G. Smith, McNeil and Johnson), (M. Meadows and Morrow), Clark, Voden, McRae, Little, W. Meadows, Gray, Bray, Downing, Bryant, (Hunt and Kemble).

## BOTANY.

*Honors*—MacGuigan, McRae, (Mason and Voden), McBane and Downing.

*Pass*—McNeil, (Little, W. Meadows and Fischer), M. Meadows, Fleming, G. Smith, Tom, Johnson, Bray, Bryant, Morrow Gray, Clark, and Hunt.

## PHYSICS.

*Honors*—McBane, Fischer, Mason, Voden, MacGuigan, (McRae and McNeil), Little and W. Meadows.

*Pass*—M. Meadows, Fleming, G. Smith, Morrow, Johnson, Downing, Tom, Clark, Gray, Hunt and Bryant.

## ZOOLOGY.

*Honors*—MacGuigan, McRae and McBane.

*Pass*—(J. Smith and J. Mason), McNeil and Fleming.

**Students who have passed the Second Year Examination:**

## THEORETICAL ANATOMY.

*Honors*—Atkinson, Grant, Doyle, (Fawcett, Clark and Turner).

*Pass*—Elliott, Rogers (Russell and Meek), Reason, (Tamlin, Kennedy and Craig), (Routledge and Ross).

## PRACTICAL ANATOMY.

*Honors*—Atkinson, Clark, (Turner and Grant), Doyle, Fawcett, Meek, Reason and Rogers

*Pass*—Elliott, Craig, (Kennedy and Tamlin), Ross, Routledge and Russell.

## THEORETICAL CHEMISTRY.

*Honors*—Atkinson and Reason.

*Pass*—J. Smith, Clark, Grant, (Craig and Kennedy), Ross, Meek, Turner, Rogers, Doyle, Fawcett, Routledge, (Elliott and Tamlin).

## PRACTICAL CHEMISTRY.

*Honors*—Atkinson, Tamlin, (Clark, Fawcett, Meek and Reason), (Gordon and Grant), (Russell and J. Smith), Rogers, Turner, (Craig and Ross).

*Pass*—Doyle, Elliott and Routledge

## HISTOLOGY.

Turner, Clark, J. Smith, Atkinson, Doyle, Fawcett, Elliott, Meek, Reason, Grant, Russell, (Ross and Tamlin), Gordon, Routledge, Craig, Kennedy and Rogers.

## PHYSIOLOGY.

*Honors*—Atkinson, Grant, (Clarke, Turner, Doyle and Elliott).  
*Pass*—Russell, Reason, Kennedy, Fawcett, Rogers, Byers, Tamlin, Meek and Craig.

## MATERIA MEDICA.

*Honors*—Atkinson, Clark, Elliott, Meek, Turner, (Reason, Rogers and Doyle) and Grant.  
*Pass*—Craig, Russell, Routledge, Fawcett, Ross, Tamlin and Kennedy.

**Students who have passed the Third Year Examination:**

## JURISPRUDENCE.

*Honors*—Elliott, Morris, Pigot, (Baker and S. Thompson).  
*Pass*—Ferguson, (McEvoy and Ramsey), (Becher and R. Thomson) and McGuffin.

## SURGICAL ANATOMY.

*Honors*—Elliott and Baker, (Ferguson, R. Thomson and Pigot).  
*Pass*—(S. Thompson and Ramsey), Becher, Morris, McEvoy and McGuffin.

## SANITARY SCIENCE.

*Honors*—(Elliott, Pigot and S. Thompson), (Ferguson and Morris), R. Thomson, (Baker and Ramsey) and McGuffin.  
*Pass*—Becher and McEvoy.

## PATHOLOGY.

Elliott, Morris, R. Thomson, Pigot, S. Thompson, Ramsey, Baker, Becher, Ferguson, McGuffin and McEvoy.

## TOXICOLOGY.

(Elliott, Pigot and Ramsey), (Baker and R. Thomson), (Ferguson and McGuffin), S. Thompson, Becher and McEvoy.

## CLINICAL MEDICINE.

*Honors*—Elliott, Baker, (Morris and S. Thompson).  
*Pass*—(Pigot and Ferguson), (Ramsey and R. Thomson), Becher, McGuffin and McEvoy.

## CLINICAL SURGERY.

*Honors*—Elliott and Pigot.  
*Pass*—Morris, S. Thompson, (Ferguson, Bryant and Dundas), (Baker, Becher and R. Thomson), McGuffin, McEvoy and Ramsey.

**Students who have passed the Fourth Year Examination:**

## THEORETICAL MEDICINE.

*Honors*—(Clark and McKechnie), Creighton, Campbell, Williams, Brown, D. Arnott and H. Arnott.  
*Pass*—Eakin, Cowan, Ardiel, Clay, Ryan, Byers, Bucke, Elliott, Dundas, McGrady, Kippen and Bryant.

## THEORETICAL SURGERY.

*Honors*—Brown, Clark, Creighton, McKechnie and Williams.

*Pass*—(Elliott and Campbell), Eakins, Clay, (D. Arnott and Bucke), H. Arnott, Bryant, McGrady, Ryan, Ardiel, Cowan, Dundas, Byers and Kippen.

## MIDWIFERY.

*Honors*—Clark, (Brown and McKechnie) and Creighton.

*Pass*—(Williams and Campbell), Eakins, Bucke, D. Arnott, (Clay and Bryant), Ardiel, Kippen, Cowan, Ryan, H. Arnott, Byers, Elliott, McGrady and Dundas.

## GYNÆCOLOGY.

*Honors*—McKechnie, (Clark, Brown and Campbell).

*Pass*—Williams, Bucke, Creighton, Ardiel, Clay, D. Arnott, Eakins, McGrady, H. Arnott, (Elliott and Ryan), Kippen, Byers, Cowan, Bryant and Dundas.

## THERAPEUTICS.

*Honors*—Clark, (McKechnie and Williams), (D. Arnott, Brown and Creighton), (Campbell and Clay), (Bucke and Eakins).

*Pass*—Bryant, McGrady, Ryan, Cowan, H. Arnott, Dundas, Ardiel, Byers, Elliott and Kippen.

## CLINICAL MEDICINE.

*Honors*—Campbell and Clark, (H. Arnott, Williams and Creighton), D. Arnott and Elliott, (Brown and Bucke) and McKechnie

*Pass*—Cowan, (Bryant and Eakins) and Clay, (McGrady and Ryan) (Ardiel, Dundas, Byers and Kippen).

## CLINICAL SURGERY.

*Honors*—D. Arnott, H. Arnott, Clark, (Eakins, Campbell and Bucke).

*Pass*—Ryan, Williams, (Brown, Clay, Cowan, Creighton, McKechnie and McGrady), Elliott and Kippen), Ardiel, Bryant, Byers and Dundas.

**Honor List:**

*First Year*—MacGuigan, Mason, McBane, Fleming, McRae and McNeil.

*Second Year*—Atkinson, Clark, Grant, Turner and Doyle.

*Third Year*—Elliott and Pigot.

*Fourth Year*—Clark, McKechnie, Brown, Campbell, Creighton, Williams and D. Arnott.

**First Year Scholarship:**

H. MacGuigan.

**Second Year Scholarship:**

J. W. Atkinson.

**Third Year Scholarship:**

C. C. Elliott.

**Fourth Year Scholarship:**

G. Clark.

**Gold Medalist:**

G. Clark.

**Silver Medalist:**

E. A. Creighton.

## GRADUATES.

Ardiel, L. M.	1891	Ferguson, R.	1890
Ardiel, W.	1897	Fitzgerald, J. J. C.	1897
Alexander, N. B.	1898	†Flaherty, T. J.	1895
Ardiel, J. A.	1899	Forsythe, J. C.	1894
Arnott, D. H.	1899	Fraleigh, A. E.	1892
Arnott, H. C.	1899	Franklin, A. E.	1894
Baker, W. H.	1890	Francis, S. D.	1895
Balfour, J. D.	1887	Fraser, J. W.	1886
Banting, W. T.	1892	Fraser, S. M.	1889
Bayly, B.	1889	Gibson, S. G.	1893
†Bell, J. W.	1897	Gibson, R.	1886
Brown, E. A.	1886	Gibson, J. A.	1890
Burkholder, J. F.	1892	Gowan, T. J.	1892
Bryant, B. L.	1899	Grey, T. L.	1897
Brown, J. M.	1899	Gubbins, R. M.	1892
Byers, S. J.	1899	Guest, A. W.	1897
Bucke, E. P.	1899	Guest, F.	1890
†Cline, C. A.	1885	Guillemont, F.	1893
Cook, G. H.	1892	Haggart, J.	1887
Cowan, H. C.	1891	Hanson, S.	1893
Cooper, R. M.	1889	†Hayes, A. N.	1890
Creighton, J. H.	1891	Halliday, J.	1892
Copeland, E. M.	1890	Hall, F.	1892
Campbell, J. B.	1898	Hobbs, A. T.	1890
Clay, G. W.	1899	Honner, R. H.	1889
Crawford, W.	1898	Hooper, S. E.	1890
Cowan, C. B.	1899	Hotson, A.	1889
†Clark, G. L.	1899	†Hotson, J. M.	1888
Creighton, E. A.	1899	Hopper, O. C.	1898
Campbell, J. F.	1899	Hughes, T. A. M.	1892
Davis, J. J.	1897	Hughes, F. W.	1894
Deveney, F.	1895	Hyndman, H. K.	1886
Dunn, D. M.	1894	Hyttenrauch, L. J.	1888
Dundas, J. F.	1899	Harrison, C. A.	1898
Egbert, J. H.	1897	James, J. F.	1895
Elliott, C. A.	1894	Johnson, J. H.	1892
Eakins, F. C.	1899	†Kennedy, J. P.	1891
Elliott, R.	1899	Kennedy, J. D.	1888
Ferguson, H. J.	1894	Kennedy, W. J.	1898

†Gold Medalists

King, J. A. ....	1896	Nixon, J. ....	1892
Kingsmill, H. A. ....	1895	Northrup, W. ....	1894
Kalbfleisch, W. H. ....	1898	Noyes, F. ....	1892
Keppen, R. M. ....	1899	Noyes, H. ....	1892
Leininger, J. W. ....	1891	Orme, J. W. ....	1898
Leys, F. B. ....	1894	Orme, T. D. ....	1898
Logie, Wm. ....	1886	Patrick, O. H. ....	1892
Laidlaw, A. ....	1898	Patrick, T. A. ....	1888
Macklin, E. ....	1890	Parker, T. J. ....	18 2
Murray, W. O. ....	1891	Peel, A. J. ....	1895
Morris, W. H. ....	1896	Proudfoot, J. ....	1888
† Mitchell, W. J. ....	1885	Roche, W. ....	1883
Mackechnie, W. D. ....	1899	Russel, G. A. ....	1898
† McCallum, H. A. ....	1886	Ryan, T. ....	1899
McBlain, T. J. ....	1891	Seaborn, E. ....	1895
McBlain, D. ....	1894	Sharpe, M. ....	1891
McCrimmon, F. ....	1891	Sharp, W. D. ....	1895
McDonald, W. S. ....	1893	Shaw, R. W. ....	1892
McDonald, Jas. ....	1888	Shoebottom, J. J. ....	1890
McDonald, C. D. ....	1887	Smith, D. ....	1890
† McDonald, H. F. ....	1892	† Smith, R. S. ....	1887
McEwen, W. H. ....	1892	Smith, R. C. ....	1896
McEwen, J. A. ....	1890	Stenton, D. K. ....	1890
McGinnis, J. ....	1892	Stevenson, H. J. ....	1894
McGregor, R. A. ....	1897	Stevenson, W. J. ....	1896
McGregor, J. A. ....	1892	† Tillman, W. J. ....	1898
McGuffin, W. ....	1892	Weekes, W. J. ....	1886
McIntyre, H. ....	1891	† Weekes, E. C. ....	1896
McKellar, A. ....	1888	Wiley, W. D. ....	1895
McKillop, D. J. ....	1894	Wilson, H. ....	1891
McLeay, J. D. ....	1894	Williams, H. T. H. ....	1888
McLeay, C. W. ....	1898	Williams, R. J. ....	1895
McLeay, H. L. ....	1898	Wilson, G. H. ....	1886
McDougall, T. A. ....	1898	† Wilson, J. T. ....	1893
McLaughlin, H. ....	1891	Windsor, A. ....	1896
McLaughlin, J. Y. ....	1888	Wood, W. H. ....	1892
McNeil, D. G. ....	1891	Wood, P. B. ....	1893
McRitchie, T. L. ....	1889	Wood, R. ....	1895
McGrady, M. J. ....	1899	Woodburn, A. W. ....	1898
† Neu, C. F. ....	1894	Williams, E. A. ....	1899

†Gold Medalists.

