

**Prospectus for session 1912-1913 / University of Glasgow, School of Medicine for Women, Queen Margaret College.**

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UNIVERSITY OF GLASGOW.

SCHOOL OF MEDICINE FOR  
WOMEN.

Queen Margaret College.

PROSPECTUS FOR SESSION

1912-1913.

GLASGOW :

JAMES MACLEHOSE & SONS, 61 ST. VINCENT STREET,

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1912.

UNIVERSITY OF CHICAGO

FOR DEPOSITION TO JOHN  
H. H. H.

THE UNIVERSITY OF CHICAGO

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1913-1914

THE UNIVERSITY OF CHICAGO  
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## Queen Margaret College.

QUEEN MARGARET COLLEGE, which in 1893 ceased to be a separate institution, and became the Women's Department of the University of Glasgow, was the result of a movement for the higher education of women begun in Glasgow by Mrs. Campbell of Tullichewan, about 1868. In that and subsequent years, at her request, short courses of lectures were delivered to ladies by Professors Young, Edward Caird, Nichol, and Grant. In 1877, at a public meeting presided over by Principal Caird, the Glasgow Association for the Higher Education of Women was formed, H.R.H. the Princess Louise, Marchioness of Lorne, being its president, and Mrs. Campbell of Tullichewan its vice-president; and arrangements were made for courses of lectures to women on University subjects. These were given, by permission of the Senate, by University Professors in University class rooms; and the Association also rented an office, a class room, and a reading room in St. Andrew's Halls. In 1883 the Association was incorporated (under the Companies Act) as a College, which was named "Queen Margaret," after Margaret of Scotland, the wife of Malcolm Canmore, and the earliest patroness in Scotland of literature and art. The College was governed by a council of twenty-one members, two of whom were appointed by the Senate of the University. The classes were organised on University lines, and the subjects for the M.A. course were taught, though degrees were not then open to women.

In 1883, shortly after the incorporation of the College, Mrs. Elder, widow of the eminent shipbuilder and engineer, John Elder, generously offered to the Council as a gift the buildings and grounds now known by the name of Queen Margaret College, on condition that £20,000 should be raised as an endowment fund and provision for carrying on the work of the College. In 1884 the classes were removed thither, and steps were taken for raising the endowment fund stipulated for. In 1888, and again in 1890, additions to and alterations on the buildings were made to provide laboratories for teaching in Science and Medicine; and in 1890 a Medical School, now Queen Margaret College School of Medicine for Women, was organised, in addition to the classes in Arts and Science which, as time went on, had been gradually developed on the model of the University Classes; so that by 1892 the College was giving



such a curriculum as would have met the requirements of University Degrees in Arts and Medicine. The endowment fund collected by Mrs. Campbell (including £3000 given by Messrs. Alexander and William Smart for a lectureship in Philosophy), and the proceeds of a bazaar held in 1892, amounted to nearly £25,500.

In February, 1892, the Universities Commissioners issued an Ordinance (No. 18), empowering the Scottish University Courts to make provision within the Universities for the instruction of women, either by admitting them to the ordinary classes or by instituting separate classes for their instruction. The Council of Queen Margaret College, having considered the provisions of this Ordinance, came to the conclusion that the purpose for which the College had been instituted would be best served by making over their work to the University of Glasgow. They, accordingly, with the concurrence of Mrs. Elder, the proprietrix of the buildings and grounds hitherto occupied by the College, offered to transfer to the University Court these buildings and grounds, and the endowments (present and prospective), on condition that these should be devoted to the establishment and maintenance of University Classes for women exclusively. The University Court, after consultation with the Senate, having resolved to exercise the power conferred by Ordinance No. 18, and to provide University instruction for women mainly by the institution of separate classes, agreed to accept the offer made by Queen Margaret College, and remitted to a committee to take the necessary steps for completing the transfer. In virtue of this arrangement the teachers in Queen Margaret College were appointed by the University Court, and in Session 1892-93 the students were admitted matriculated students of the University. In 1893, the College having been dissolved, the buildings and grounds, which had cost over £15,000, and the endowment funds, amounting to £25,482 17s. 6d., were handed over to the University Court; but the name "Queen Margaret College" survives as designating, in particular, the part of the University buildings and grounds which is devoted to the education of women, and, in general, the Women's Department of the University of Glasgow.

From the inception of the College until her death in January, 1909, Miss Janet A. Galloway acted as its honorary Secretary, and in relation to the women students fulfilled the duties of its resident head with unwearying assiduity. In recognition of her services to the University and of the distinguished position she had attained as a leader of Scottish Education, the Senate in 1907 conferred on her the honorary degree of Doctor of Laws. Upon her death the Senate ordered the following memorial Minute to be entered on its records :



"The Senate desire to place upon record an expression of their appreciation of the work done by Miss Janet Ann Galloway, and of their sense of the loss sustained by the University by her death on 23rd January, 1909. For more than a generation she has been the soul of the movement in the West of Scotland for the higher education of women, which originated with Mrs. Campbell of Tullichewan. The movement in its organised form passed through three phases, first the Glasgow Association for the Higher Education of Women, formed in 1877; secondly the Queen Margaret College, incorporated under the Companies Acts in 1883; and finally the Women's Department of the University, from 1893. In each successive phase Miss Galloway was the secretary, but resolutely refused to accept any remuneration. This position, with the variety of work it involved, gave scope to her versatile and highly trained intellect, and as the work grew under her hand her energy and enthusiasm also steadily increased. In her intercourse with the students she did not confine herself to the discharge of her official duties, but exercised a watchful care over their physical and moral well-being as well as their intellectual advancement. The sick she visited, the depressed she cheered, the unwisely eager she prudently restrained. And after they had finished their course and obtained positions of responsibility and trust in various parts of the kingdom her kindly interest continued, her brief holiday in summer being often spent in going from town to town to see how the graduates of the College fared. She had a high ideal of what the corporate life of students ought to be, and hardly a year passed without some new project being broached, such as the Queen Margaret Settlement for work among the poor, the Medical Club, the Literary and Debating Society, the Queen Margaret Union for women students. While she never spared herself, but worked with untiring energy, she had also the power of inspiring others with something of her own enthusiasm. She identified herself with the Teachers' Guild, and the University made her a member of the Glasgow Provincial Committee for the Training of Teachers.

"She never refused work, and whatever she undertook she did willingly and well. In 1907, as one of a distinguished company, she received by the authority of the Senate, the honorary degree of Doctor of Laws, and never was an honour more worthily bestowed.

"Unity of purpose and variety of occupation gave her in the course of a long life keen enjoyment; fully aware of the end that was coming, and of the manner of that end, she went on to the last with unfaltering step; her work and her worth are a measure of the loss which the University has sustained by her sudden death."



To carry on the work which Miss Galloway so ably initiated and organised, the University Court appointed in 1909 a Mistress of the College, to take charge of the management, and of the general interests of the women students of the University.

In view of the great increase in the number of women students the Court also appointed a Tutor in Arts and a Tutor in Medicine and Science.

The Tutors are prepared to give information and guidance to women students in regard to their studies and examinations, and to assist them in drawing up suitable curricula.

## SCHOOL OF MEDICINE.

*Mistress of the College,*

FRANCES H. MELVILLE, M.A., B.D.

### CLASSES.

<i>Botany and Practical Botany, - - -</i>	PROFESSOR BOWER and Staff.
<i>Zoology and Pract. Zoology, - - -</i>	PROFESSOR GRAHAM KERR and Staff.
<i>Physics and Pract. Physics, - - -</i>	PROF. GRAY and JAMES G. GRAY, D.Sc.
<i>Chemistry and Practical Chemistry, - - -</i>	HERBERT W. BOLAM, B.Sc., Ph.D.
<i>Anatomy and Practical Anatomy, - - -</i>	W. K. HUTTON, M.A., M.B., and Demonstrator, AGNES PICKEN, M.A., M.B.
<i>Physiology and Practical Physiology, - - -</i>	PROFESSOR NOËL PATON, M.D., GEORGE H. CLARK, M.B., D.P.H., and THOMAS G. BROWN, B.Sc., M.B., Ch.B.
<i>Materia Medica and Therapeutics, and Practical Pharmacy, - - -</i>	PROFESSOR STOCKMAN and Staff.
<i>Pathology and Practical Pathology, - - -</i>	PROFESSOR MUIR and Staff.
<i>Pathology and Practical Pathology (St. Mungo (Notman) Chair), - - -</i>	PROFESSOR TEACHER.
<i>Medical Jurisprudence and Public Health, - - -</i>	PROFESSOR GLAISTER, M.D., D.P.H. (Camb.), F.R.S.E.
<i>Surgery (St. Mungo Chair), - - -</i>	PROFESSOR KENNEDY.
<i>Clinical Surgery (St. Mungo Chair), - - -</i>	PROFESSOR KENNEDY, JAMES A. ADAMS, M.D., JOHN BARLOW, M.D.
<i>Medicine (Muirhead Chair), - - -</i>	PROFESSOR HUNTER.



<i>Clinical Medicine (Muirhead Chair),</i>	-	-	-	PROFESSOR HUNTER, JOHN M. COWAN, M.D., D.Sc., J. B. MACKENZIE ANDERSON, M.B.
<i>Obstetrics and Gynæcology,</i>	-	-	-	PROFESSOR M. CAMERON, M.D., Fellow of the Faculty of Physicians and Surgeons, Glasgow, and SAMUEL J. CAMERON, M.B., Ch.B.
<i>Obstetrics and Gynæcology (Muirhead Chair),</i>	-	-	-	PROFESSOR MUNRO KERR, A. LOUISE M'ILROY, M.D., D.Sc.
<i>Insanity,</i>	-	-	-	L. R. OSWALD, M.B., C.M.
<i>Diseases of the Eye,</i>	-	-	-	A. MAITLAND RAMSAY, M.D.
<i>Diseases of the Ear,</i>	-	-	-	THOMAS BARR, M.D., and J. STODDART BARR, M.B., Ch.B.
<i>Diseases of the Throat and Nose,</i>	-	-	-	J. WALKER DOWNIE, M.B.
<i>Dermatology,</i>	-	-	-	J. WYLLIE NICOL, M.B.
<i>Fevers,</i>	-	-	-	BELVIDERE AND RUCHILL HOSPITALS.
<i>Vaccination,</i>	-	-	-	ROYAL INFIRMARY.
<i>Tutor in Medicine,</i>	-	-	-	AGNES PICKEN, M.A., M.B., Ch.B.

## HOSPITALS.

In addition to the University Courses the following Hospitals and Dispensaries afford ample means for practical instruction in the various departments of Medicine and Surgery :—

ROYAL INFIRMARY.—Medical Officers whose wards and instruction are open to women :—*Physicians*, Professor Hunter, Dr. Mackenzie Anderson, and Dr. J. Cowan. *Physicians for Diseases of Women*, Dr. G. B. Marshall and Prof. Munro Kerr. *Surgeons*, Dr. J. Barlow, Dr. Jas. A. Adams, Mr. J. Hogarth Pringle, Mr. Peter Paterson, and Professor Kennedy. *Ophthalmic Surgeon*, Dr. A. Maitland Ramsay. *Pathologist*, Professor Teacher. *Assistant Pathologist*, Dr. A. M. Kennedy. *Dispensary Physicians*, Dr. J. Henderson, Dr. J. T. M'Lachlan and Dr. D. MacPhail. *Dispensary Surgeons*, Dr. J. A. C. Macewen, Dr. A. G. Faulds, and Dr. T. Kay. *Dispensary Surgeon for Diseases of the Throat and Nose*, Dr. R. Fullerton. *Dispensary Physician for Diseases of the Skin*, Dr. Alex. Morton. *Gynæcologists*, Dr. James Taylor and Dr. A. Louise M'Ilroy. *Aural Surgeon*, Dr. Adam. *Dental Surgeon*, Mr. Wm. Taylor. *Vaccinator*, Dr. Hugh H. Borland.

ROYAL HOSPITAL FOR SICK CHILDREN, 45 Scott Street, Garnethill. Honorary Medical Officers :—*Consulting Physician*, Professor Samson Gemmell. *Physicians*, Dr. R. Barclay Ness, Dr. J. B. Mackenzie Anderson. *Surgeons*, Dr. T. Kennedy Dalziel, Mr. R. H. Parry. *Oculist*, Dr. John Rowan. *Aurist*, Dr. Thomas Barr. *Pathologists*, Professor Robert Muir, Dr. Ivy M'Kenzie. *Dentist*, Mr. Rees Price. DISPENSARY, 11 West Graham Street. COUNTRY BRANCH, Drumchapel. *Physicians*, Dr. John G.



Gray, Dr. Norman Macnair, Dr. A. Bankier Sloan, Dr. Leonard Findlay, Dr. J. R. C. Greenlees, Dr. James Girdwood, Dr. Agnes W. Cameron, Dr. W. Hendrie Kirk, Dr. Geoffrey B. Fleming, Dr. David MacDonald, Dr. J. W. M'Nee, Dr. Berkeley Robertson. *Surgeons*, Dr. James H. Nicoll, Dr. G. H. Eddington, Dr. Alfred A. Young, Dr. Alexander MacLennan, Dr. Archibald Young, Dr. M. Logan Taylor, Dr. W. Rankin, Dr. David Dickie, Dr. William A. Campbell. *Oculist*, Dr. John Rowan. *Aurist and Laryngologist*, Dr. J. Walker Downie, Dr. Lewis MacLachlan, Assistant. *Dentist*, Dr. Leslie C. Broughton-Head. *Medical Electrician*, Dr. John Gilchrist.

GLASGOW MATERNITY HOSPITAL.

CITY OF GLASGOW FEVER HOSPITALS, BELVIDERE AND RUCHILL.

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## MATRICULATION AND ENROLMENT IN CLASSES.

Attendance upon the Classes in Medicine qualifies for the Degrees in Medicine of the University of Glasgow.<sup>1</sup>

By Ordinance No. 50 of the Commissioners under the Universities Act of 1889, every student is required at the beginning of each Session to matriculate by enrolling her name in the University album before joining any class. The Matriculation Fee is One Guinea for the Academical year; for the Summer Session alone, 10s. 6d.

Students entering on a course of Medical Study should note that they must have previously passed the Preliminary Examination, and be registered in the books of the General Medical Council as Medical Students (see p. 43).

Women students are entitled, after matriculation, to the privilege of borrowing books from the University Library, to the use of the Reading Room in Queen Margaret College, and, under certain conditions, to admission to the Hunterian Museum. They are also entitled to vote in the election of the Lord Rector of the University.

Strict order and silence must be observed in the Reading

<sup>1</sup> The Classes held in Queen Margaret College being University Classes, certificates of attendance thereon may be used by those who propose to become Candidates for the Degrees of the other Scottish Universities, and for those of London University, the Universities of Manchester, Liverpool, Leeds, and Sheffield, and the Royal University of Ireland, as well as for the Qualifications of the Scottish Corporations.



Room. An adjoining room is provided for students who wish to wait between two classes.

Medical students have access, for the usual attendance in the wards and on the Clinical Lectures, to the Royal Infirmary, the Glasgow Maternity and Women's Hospital, the Royal Hospital for Sick Children, the Royal Asylum, Gartnavel, and the City of Glasgow Fever Hospitals, Belvidere and Ruchill; they also have facilities for Dispensary work at the Royal Infirmary and Royal Hospital for Sick Children.

All fees due by Women Students for matriculation, classes, and examinations are to be paid in the Mistress's Office at Queen Margaret College.

The Mistress's Office is open during the Session every day, except Saturday, from 10 to 1, and from 2 to 5 (Summer, 2 to 4).

The Tutor in Medicine and Science is at the Medical Buildings during the Session from 10 to 1 and from 2.30 till 5, except on Saturdays; but it is most convenient if students call between 12 and 1 or after 2.30. After Oct. 1 until the beginning of the Session, she may be consulted by new students on Tuesdays and Thursdays at 3 p.m.

All correspondence in connection with the School of Medicine for Women should be addressed to the Mistress.

#### SESSION 1912-13.

Winter Session, - - - Oct. 14th, 1912—March 20th, 1913.

Summer Session, - - - April 22nd, 1913—July 1st, 1913.

Matriculation and Enrolment for Winter Session, Oct. 11th, 1912—Oct. 29th, 1912.

Matriculation and Enrolment for Summer Session, April 22nd, 1913—May 1st, 1913.

Last dates of entry for Medical Preliminary Examination, Aug. 23rd, 1912, and February 21st, 1913.

Last dates of entry for 1st, 2nd, and 3rd Professional Examination, Aug. 30th, 1912, and March 3rd, 1913.

Last dates of entry for Final Professional Examination, Aug. 23rd, 1912, and Feb. 14th, 1913.



	9-10.	10-11.	11-12.	12-1.	1-2.	2-3.	3-4.	4-5.
MONDAY,	Zoology. <sup>1</sup> Pract. Anat. Pract. Physiol. Clin. Surgery. Clin. Med.	Pract. Anat. Pract. Physiol. Dispensary.	Anatomy. Pract. Anat. Mat. Medica. Surgery.	Chemistry. Pract. Anat. Physiology. Dispensary.	Clin. Medicine.	Pract. Anat. Obstet. & Gyn. Dispensary.	Pract. Zool. <sup>1</sup> Pract. Anat. Ophthalmology. Ear.	
TUESDAY,	Zoology. <sup>1</sup> Pract. Chem. <sup>2</sup> Pract. Anat. Pract. Physiol. Clin. Surgery. Clin. Med.	Pract. Chem. Pract. Anat. Pract. Physiol.	Pract. Chem. <sup>1</sup> Anatomy. Pract. Anat. Mat. Medica. Surgery.	Chemistry. Pract. Anat. Physiology.	Clin. Medicine.	Pract. Anat. Obstet. & Gyn. Dispensary.	Pract. Zool. <sup>1</sup> Pract. Anat. Pathology. Clin. Gynaecol.	Pract. Zool. <sup>1</sup> Pract. Anat. Throat and Nose.
WEDNES.,	Zoology. <sup>1</sup> Pract. Chem. <sup>2</sup> Pract. Anat. Clin. Surgery. Clin. Med.	Pract. Chem. Pract. Anat.	Pract. Chem. <sup>1</sup> Anatomy. Pract. Anat. Mat. Medica. Surgery. Dispensary.	Chemistry. Pract. Anat. Physiology.	Clin. Medicine.	Pract. Anat. Obstet. & Gyn. Dispensary.	Pract. Zool. <sup>1</sup> Pract. Anat. Pathology.	Pract. Zool. <sup>1</sup> Pract. Anat. Ear.
THURS.,	Zoology. <sup>1</sup> Pract. Chem. <sup>2</sup> Pract. Anat. Pract. Physiol. Clin. Surg. Clin. Med.	Pract. Chem. Pract. Anat. Pract. Physiol.	Pract. Chem. <sup>1</sup> Anatomy. Pract. Anat. Mat. Medica. Surgery.	Chemistry. Pract. Anat. Physiology.	Clin. Medicine.	Pract. Anat. Obstet. & Gyn. Dispensary.	Pract. Zool. <sup>1</sup> Pract. Anat. Pathology. Clin. Gynaecol.	Pract. Zool. <sup>1</sup> Pract. Anat. Ophthalmology. Ear. Throat and Nose.
FRIDAY,	Zoology. <sup>1</sup> Pract. Anat. Pract. Physiol. Clin. Surg. Clin. Med.	Pract. Anat. Pract. Physiol.	Anatomy. Pract. Anat. Mat. Medica. Surgery.	Chemistry. Pract. Anat. Physiology.	Clin. Medicine.	Pract. Anat. Obstet. & Gyn. Dispensary.	Pract. Zool. <sup>1</sup> Pract. Anat. Pathology. Clin. Gynaecol. Dispensary.	Pract. Zool. <sup>1</sup> Pract. Anat. Throat and Nose.



	NOVEMBER.	DECEMBER.	JANUARY.	FEBRUARY.	MARCH.
ZOOLOGY, ... ..	19-10	19-10	19-10	19-10	19-10
PRACTICAL ZOOLOGY, ... ..	13-5	13-5	13-5	13-5	13-5
CHEMISTRY, Systematic, ... ..	12-1	12-1	12-1	12-1	12-1
PRACTICAL CHEMISTRY, ... ..	... ..	29-11 1 10.15-12	29-11 1 10.15-12	29-11 1 10.15-12	... ..
ANATOMY, First Course (Jan.) —Mar.), ... ..	11-12	11-12	11-12	11-12	11-12
ANATOMY, Second Course (Oct.) —Dec.), ... ..	11.30-12.30	11.30-12.30	11.30-12.30	11.30-12.30	11.30-12.30
PRACTICAL ANATOMY, ... ..	9-5	9-5	9-5	9-5	9-5
PHYSIOLOGY, ... ..	12.30-1.30	12.30-1.30	12.30-1.30	12.30-1.30	12.30-1.30
PRACTICAL PHYSIOLOGY, ... ..	9.30-11.30	9.30-11.30	9.30-11.30	9.30-11.30	9.30-11.30
MATERIA MEDICA, ... ..	11-12	11-12	11-12	11-12	11-12
PATHOLOGY, ... ..	3 p.m.	3 p.m.	3 p.m.	3 p.m.	3 p.m.
SURGERY, ... ..	11 a.m.	11 a.m.	11 a.m.	11 a.m.	11 a.m.
CLINICAL SURGERY, ... ..	9.15 a.m.	9.15 a.m.	9.15 a.m.	9.15 a.m.	9.15 a.m.
MEDICINE, ... ..	1 p.m.	1 p.m.	1 p.m.	1 p.m.	1 p.m.
CLINICAL MEDICINE, ... ..	9.15 a.m.	9.15 a.m.	9.15 a.m.	9.15 a.m.	9.15 a.m.
OBSTETRICS AND GYNÆCOLOGY, CLINICAL GYNÆCOLOGY, ... ..	2 p.m.	2 p.m.	2 p.m.	2 p.m.	2 p.m.
DERMATOLOGY, <sup>3</sup> ... ..	... ..	3 p.m.	3 p.m.	3 p.m.	3 p.m.
OPHTHALMOLOGY, ... ..	... ..	... ..	... ..	... ..	... ..
EAR, ... ..	4 p.m.	4 p.m.	4 p.m.	4 p.m.	4 p.m.
THROAT AND NOSE, ... ..	... ..	... ..	... ..	... ..	... ..
DISPENSARY, ... ..	10 a.m., 12 noon, and 2 p.m.	4 p.m.	4 p.m.	4 p.m.	4 p.m.
	... ..	2 p.m.	11 a.m. and 2 p.m.	2 p.m.	2 p.m. and 3.30 p.m.

Some alterations in the above hours may be found necessary.

<sup>1</sup> Until Christmas.

<sup>2</sup> After Christmas.

<sup>3</sup> Hours to be arranged.



TIME TABLE FOR SUMMER 1913.—CLASSES IN MEDICINE.

	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.
PHYSICS, ... ..	11-12	11-12	11-12	11-12	11-12	...
PHYSICS, Practical, ... ..	...	2-4	...	2-4	...	...
BOTANY, ... ..	...	8-9	8-9	8-9	8-9	8-9
BOTANY, Practical, ... ..	9-11 or 1-3	...	9-11 or 1-3	...	9-11 or 1-3	...
ANATOMY, Practical, ... ..	9-5	9-5	9-5	9-5	9-5	...
EMBRYOLOGY, ... ..	11-12	11-12	11-12	11-12	...	...
HISTOLOGY & PRACT. PHYSIOLOGY,	9-11	9-11	9-11	9-11	9-11	...
PRACTICAL PHARMACY, ... ..	8 a.m. or 12	8 a.m. or 12	8 a.m. or 12	8 a.m. or 12	8 a.m. or 12	...
PRACTICAL PATHOLOGY, ... ..	1-3	1-3	...	1-3	1-3	...
MEDICAL JURISPRUDENCE AND PUBLIC HEALTH, ... ..	11-12	11-12	11-12	11-12	11-12	...
OPERATIVE SURGERY, ... ..	11 a.m.	11 a.m.	11 a.m.	11 a.m.	11 a.m.	...
CLINICAL SURGERY, ... ..	9.15 a.m.	9.15 a.m.	9.15 a.m.	9.15 a.m.	9.15 a.m.	...
CLINICAL MEDICINE, ... ..	9.15 a.m.	9.15 a.m.	9.15 a.m.	9.15 a.m.	9.15 a.m.	...
INSANITY, ... ..	...	...	12-1	...	...	...
INSANITY, Clinical, ... ..	...	...	...	...	...	10 a.m.
DISEASES OF CHILDREN (Clinical),	3.30 p.m.	1.30 p.m.	...	3.30 p.m.	1.30 p.m.	...
OPHTHALMOLOGY, ... ..	...	...	...	...	4-5	...
OPHTHALMOLOGY, Clinical, ...	4-5	...	...	4-5	...	...
DISEASES OF THE EAR, ... ..	4 p.m.	...	4 p.m.	4 p.m.	...	...
DISEASES OF THE THROAT AND NOSE, ... ..	...	4 p.m.	...	4 p.m.	4 p.m.	...
DERMATOLOGY, <sup>1</sup> ... ..	2 p.m.	...	2 p.m.	...	...	...
DISPENSARY, ... ..	(10 a.m., 12 noon, 2 p.m.)	2 p.m.	11 a.m. and 2 p.m.	2 p.m.	2 p.m. and 3.30 p.m.	10.30 a.m. and 3.30 p.m.
VACCINATION AND INFECTIONS	DISEASES.	according to arrangement.	according to arrangement.	according to arrangement.	according to arrangement.	according to arrangement.



## SYLLABUS OF LECTURES.

A. The subjects of the **First Professional Examination** for the Degrees of Bachelor of Medicine and Bachelor of Surgery are taught in the following classes :

## 1. CHEMISTRY.

## WINTER SESSION.

## LECTURES ON SYSTEMATIC CHEMISTRY.

This Class will meet daily at 12 noon. In this course about 75 lectures are devoted to Inorganic and about 25 to Organic Chemistry.

In the Inorganic part of the course the scope of the subject will be delineated. Some of the non-metallic elements will be studied, and from the knowledge thus gained the principles of the science will be deduced. The other non-metallic and the commoner metallic elements will then be considered in detail.

In the Organic part of the course some of the more important typical carbon compounds will be discussed.

*Tutorial Class*—In addition to attendance at the lectures students are required to attend the Tutorial Class, at which additional instruction is given by means of oral examination and exercises. The Tutorial Class will meet on Mondays and Fridays, from 10.15 to 11 a.m.

*Demonstrations*—A series of demonstrations "on the properties of the elements, chiefly metals," will be given after Christmas on Tuesdays and Thursdays, from 4 to 5 p.m. Chemistry students of all Faculties are recommended to attend these demonstrations, for which there is no fee.



## PRACTICAL CHEMISTRY.

A Class specially intended for Medical Students is held throughout the Winter Session on Tuesdays, Wednesdays, Thursdays, before Christmas from 10.15 to 12 noon, and after Christmas from 9 to 11 a.m.

## CHEMICAL LABORATORY.

The Laboratory is open daily during the winter session between the hours of 9 a.m. and 1 p.m., and between 2 and 5 p.m. Students may enrol at any stage of advancement, as each one works independently at a separate table.

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## 2. PHYSICS AND PRACTICAL PHYSICS.

This Class will meet daily during the Summer Session, at 11 a.m., in the Natural Philosophy Institute, Gilmorehill. The course includes the fundamental principles of the Dynamics of Solids, Liquids, and Gases, and the rudiments of Sound, Light, Heat, Magnetism, and Electricity. A detailed programme of the subjects of the course, containing the titles of books recommended for use by students and of works which may be consulted, is given to each student at the beginning of the course.

Two Written Examinations are held during the session, and exercises on the work are set from time to time.

A Class of Practical Physics meets on Tuesdays and Thursdays from 2 to 4 p.m.

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## 3. BOTANY.

This Class will meet in the summer session on Tuesdays, Wednesdays, Thursdays, Fridays, and Saturdays, 8 to 9 a.m.

Text-Books—Strasburger, *Text-Book of Botany*; Scott, *Structural Botany*, 2 vols.; D. Oliver, *Elementary Botany*.



## PRACTICAL BOTANY.

This Class will be held in the summer session, 9-11 a.m. or 3-5 p.m., on Mondays, Wednesdays, and Fridays. The work will consist principally of the dissection and microscopic examination of the various plants dealt with in the lectures. Special attention is paid to methods of microscopic observation, drawing, etc.

Text-Book—*Practical Botany for Beginners*, by Bower and Wynne-Vaughan.

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## 4. ZOOLOGY AND PRACTICAL ZOOLOGY.

Lectures on Elementary Zoology will be given during the first half of the Winter Session, five days weekly, at 9 a.m. In these Lectures an outline will be given of the more important features of the main groups of the Animal Kingdom, particular attention being paid to such groups as are of special importance either from their morphological characters or from their including important parasitic forms.

The Laboratory Class will meet at 3 p.m. daily, before Christmas, for the purpose of studying practically examples of the groups treated in the lectures.

During the **Spring Term** Lectures (with accompanying demonstrations and practical work) are given by Professor Graham Kerr upon one or more groups of Invertebrates, and by Dr. Agar on Heredity and the Cytology of Reproduction. In the afternoons Professor Kerr gives a short course of Elementary Lectures upon Evolution. The Lectures on Heredity and on Evolution are open to all past or present members of the classes of Zoology or Botany.

During the **Summer Term** the Lectures deal with the Comparative Anatomy and Embryology of Vertebrates. The course includes laboratory instruction in methods of section-cutting,



etc., and is intended for students of medicine or science. In the afternoons of three days a week Mr. Dunkerly gives lectures—with accompanying laboratory work—upon Protozoology. This latter course is intended for students of medicine or science, and is open free to past or present members of the classes of Zoology or Botany.

Text-Books: Elementary students—Shipley and MacBride's *Zoology*, Marshall and Hurst's *Practical Zoology*, Sedgwick's *Text-Book of Zoology*.

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B. The subjects of the **Second Professional Examination** for the Degrees of Bachelor of Medicine and Bachelor of Surgery are taught in the following classes:

### 1. ANATOMY.

#### WINTER SESSION.

##### I. *Systematic Course.*

Five days weekly. Before Christmas, 11.30 to 12.30.

After Christmas, 11 a.m. to 12 noon.

This Course extends over two terms. During the first term of study (Jan.—March) a short account of the Development of the Human Body is given, and the principles of Osteology, Arthrology and Myology, etc., are discussed.

The second part of the course is devoted to the Descriptive Anatomy of the Viscera, the Nervous System and the Organs of Sense; this portion of the Course is held in the first term of the Session, from October till Christmas.

##### II. *Special Topographical Demonstrations.*

Three days weekly, 3.15 to 4 p.m.

The Structural Relationships to be noted in the various Regions of the Body are illustrated by means of Dissections, attention being directed to the bearings of Anatomy on Medicine and Surgery.



Students who have completed Part I. of the Systematic Course are expected to attend these Demonstrations along with Part II.

Text-Books—Quain's *Elements of Anatomy*, 11th edition; Gray's *Anatomy, Descriptive and Applied*, edited by Prof. Howden; or Cunningham's *Text-Book of Anatomy*. For Practical Work, Cleland and Mackay's *Directory for Dissection*; Cunningham's *Manual of Practical Anatomy*; Ellis' *Demonstrations of Anatomy* (edited by Addison); or *Practical Anatomy*, by Parsons and Wright.

### SUMMER SESSION.

#### I. EMBRYOLOGY.

During the summer session a Course of instruction in embryology is given. The class meets four days weekly, from 9 a.m. till 12 noon. It is intended for Science students and students of Medicine in their fifth term of Anatomy.

Text-Books—Quain's *Elements of Anatomy*, 11th edition, vol. i., *Embryology*, by T. H. Bryce.

II. A Tutorial Class meets during summer three afternoons weekly, from 3.15 till 4 p.m., for instruction in Osteology, etc.

#### PRACTICAL ANATOMY.

The Dissecting Room is open daily, except on Saturday, winter and summer, during term, from 9 a.m. till 5 p.m.

Work is carried on under the personal supervision of the Lecturer and Demonstrator.

## 2. PHYSIOLOGY.

### I. SYSTEMATIC LECTURES.

The Lectures of this Course are delivered daily at 12.30 p.m. during the winter session. They are devoted to an exposition of the main principles and facts of the Physiology of Man.

Examinations are held during the session.



## II. PRACTICAL PHYSIOLOGY.

This class consists of three parts :

- (a) Practical Histology.
- (b) Practical General Physiology.
- (c) Practical Chemical Physiology.

(a) Practical Histology is taught during the *Summer Session*. Sections of the class meet from 9 a.m. to 11 a.m. daily.

This course includes instruction in the use of the microscope in the microscopical examination of the various tissues and organs, and in the methods of hardening, staining, cutting, and mounting preparations.

(b) Practical General Physiology is taken between October and Christmas, each section meeting twice a week from 9.30 to 11.30 a.m. The ordinary experimental methods of physiology are studied practically.

(c) Practical Chemical Physiology is taken after Christmas, each section meeting twice a week from 9.30 to 11.30 a.m. The methods of chemical examination of the fluid and solid constituents of the body are dealt with.

*Practical Histology should, in the case of students beginning their studies in summer, be taken in the summer before the Lectures, and Practical General Physiology and Chemical Physiology in the winter along with the Lectures.*

## III. ADVANCED CLASS OF PRACTICAL PHYSIOLOGY.

This class is intended to meet the requirements of candidates for the Degree of B.Sc. It meets during the winter and summer sessions at suitable hours, on two days weekly. The course comprises about forty meetings, each of at least two hours duration in winter, and about twenty meetings of at least two hours each in summer. The course embraces (a) the more advanced methods of Physiological Chemistry, (b) special methods in advanced Histology, and (c) the more advanced methods



of experimental investigation. It is wholly practical, and is designed to supplement the instruction given in the ordinary class of Practical Physiology, which must have been previously attended. Candidates for the Degree of B.Sc. in Pure Science who have specialised in one or more of the branches of the subjects enumerated on p. 287, *University Calendar*, engage in practical work in the laboratory upon their selected branch for at least one term.

#### IV.

Short courses of Advanced Lectures will be given from time to time on special parts of Physiology.

Text-Books: Noël Paton, *Essentials of Human Physiology*; Howell, *Text-book of Physiology*; Noël Paton and Cathcart, *Practical Course of Chemical Physiology*; Noël Paton and G. H. Clark, *A Practical Course of General Physiology for Medical Students*; Noël Paton and G. H. Clark, *Guide to the Practical Study of Histology*; and for the advanced classes such books as may be recommended from time to time.

#### V. THE LABORATORIES.

The Laboratories are open daily, under the superintendence of the Professor, the Lecturers on Physiological Chemistry and on Experimental Psychology, and the Assistants. Application should be made to the Professor by those who may wish to pursue original investigation.

#### VI. GRIEVE LECTURESHIP ON PHYSIOLOGICAL CHEMISTRY.

Lecturer—1905. Edward P. Cathcart, M.D., D.Sc.

The course of lectures delivered under this foundation is on the higher aspects of chemical physiology with special reference to the chemistry of the various metabolic processes. Each year some special subject is chosen for more thorough treatment.



During the winter session 1912-13 the special subject discussed will be general metabolism in relation to Dietetics.

This course may be regarded as an extension of the physiological chemistry taught in the advanced practical class. The lectures will be illustrated, as far as possible, by means of experiments.

The laboratory for physiological chemistry will be available during both the winter and the summer session for special research.

#### VII. LECTURESHIP ON PSYCHOLOGY.

Lecturer—1908. Henry J. Watt, M.A., Ph.D.

Students who desire to include Psychology in the work for the B.Sc. examination in Physiology will attend the class on Experimental Psychology.

An opportunity will be given for closer study of the physiological theories of the senses and their integrations in particular, and of the other forms of experience.

The psychological laboratory will be available for special research.

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C. The subjects of the **Third Professional Examination** for the Degrees of Bachelor of Medicine and Bachelor of Surgery are taught in the following classes :

##### 1. MATERIA MEDICA AND THERAPEUTICS, WITH PRACTICAL PHARMACY.

For those who are completing their Degree under the Old Medical Ordinance, Materia Medica is a subject of the Second Professional Examination.

Class Hours : Summer, 8 a.m. or 12 noon ; Winter, 11 a.m.

In the summer course of Practical Pharmacy, which it is advisable to take before the winter course, attendance at twenty-five meetings of the class is required. Instruction



given in compounding official preparations, in writing prescriptions, and in dispensing, supplemented by demonstrations of the more important substances in the British Pharmacopœia. The winter course is devoted to Pharmacology and Therapeutics, the official drugs of the British Pharmacopœia being systematically considered in relation to their actions and applications in disease. In addition, lectures are given on the therapeutical aspects of Dietetics, Mineral Waters and Baths, Climate, Electricity, Massage, etc.

Text-Books: The manuals of *Pharmacology* by Dr. W. E. Dixon, and of *Materia Medica and Therapeutics* by Dr. Hale White, Dr. Mitchell Bruce, and Sir William Whitla; *Text-Book of Materia Medica*, by Dr. C. R. Marshall; *Practice of Medicine*, by Dr. Charteris. More advanced books are: *Therapeutics*, by Dr. H. C. Wood; *Text-book of Pharmacology and Therapeutics*, edited by Dr. Hale White; and *Text-book of Pharmacology*, by Dr. A. R. Cushny.

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## 2. PATHOLOGY.

Women students ordinarily attend the class of Pathology at the Royal Infirmary. See below (St. Mungo (Notman) Chair).

The course in Pathology and Practical Pathology extends over a summer and a winter session. The Classes meet in the Pathological Department of the Western Infirmary. Students are requested to observe that the course starts in summer, and are recommended not to commence their pathological studies in winter. Students studying under the New Medical Ordinance should commence the subject of Pathology in winter.

In the summer session the Class meets for two hours on four days each week. About fifteen lectures of an hour each are given on those subjects of General Pathology which can be conveniently illustrated by histological work, *e.g.*, the



degenerations, inflammation, the processes of repair, tumours, etc., and the students thereafter prepare and examine sections of tissue illustrating the subjects of the lectures. The Special Pathology of one or two systems, *e.g.*, the circulatory and respiratory, is treated in a corresponding manner. Demonstrations of Pathological Anatomy are also given. The methods of Bacteriology are taught in small classes of about twenty students.

In the winter session the Class meets for an hour daily. There will be (a) Lectures with demonstrations on General Pathology, including the disturbances of the circulation, the general pathology of infection, fevers, etc.; (b) Meetings for practical work in Special Histology and Bacteriology. Of these there will be about thirty. Tutorial Classes are also held during the session.

The *post-mortem* examinations in the Royal Infirmary are open to the students. Each student during her curriculum must attend at least twenty *post-mortems*, and must produce evidence that she has received instruction in the methods of *post-mortem* examination.

*Post-graduate or Laboratory Courses in Practical Pathology and Bacteriology* begin annually in October. These courses are open also to senior students. Particulars may be obtained from the Professor.

Text-Books—*A Manual of Pathology* by Dr. Joseph Coats, *A Manual of Pathology* by Beattie and Dickson, or a *Text-Book of Pathology* by Hektoen and Riesman; *Practical Pathology*, by Dr. G. Sims Woodhead; and a *Manual of Bacteriology*, by Drs. Muir and Ritchie.

The following works are also recommended:—Cohnheim, *Lectures on General Pathology*; Thoma, *Handbook of General Pathology*; and Metchnikoff, *Comparative Pathology of Inflammation*.



## 2. PATHOLOGY (ST. MUNGO (NOTMAN) CHAIR).

The course in Pathology and Practical Pathology is, so far as possible, identical with that given in the Pathological Institute at the Western Infirmary.

The Museum of the Royal Infirmary and the post-mortem examinations (from 9.30–11.30 a.m.) are open to all Infirmary students. The post-mortem examinations are very numerous, and the opportunity for the study of morbid anatomy correspondingly good.

Text-Books: *A Manual of Pathology*, by Dr. Joseph Coats; *A Manual of Pathology*, by Beattie and Dickson, or a *Text-Book of Pathology*, by Hektoen and Riesman; *Practical Pathology*, by Dr. G. Sims Woodhead; *Post-Mortems and Morbid Anatomy*, by T. Shennan; and a *Manual of Bacteriology*, by Drs. Muir and Ritchie. The following works are also recommended: Cohnheim, *Lectures on General Pathology*; Thoma, *Handbook of General Pathology*; Adami, *Principles of Pathology*; and Metchnikoff, *Comparative Pathology of Inflammation*.

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D. The subjects of the **Final Professional Examination** for the Degrees of Bachelor of Medicine and Bachelor of Surgery are taught in the following classes:

### 1. MEDICAL JURISPRUDENCE AND PUBLIC HEALTH.

For those who are completing their Degree under the Old Medical Ordinance, Medical Jurisprudence and Public Health is a subject of the **Third Professional Examination**.

This Class will meet daily, at 11 a.m., during the summer session.

The Lectures on Forensic Medicine will, as far as possible, elucidate the application of every branch of Medical Science to the purposes of the Law.



In the department of Public Health special attention will be given to the subjects of Air, Ventilation and Heating, Water, Injurious Trades, Law respecting Infectious Diseases, Disinfection, Disposal of Sewage and Refuse, and Sanitation in general.

During the session students will have an opportunity of visiting, along with the Professor or his assistant, the most important public institutions and works in the district dealing with Disposal of Sewage and Refuse, Disinfection, Ventilation, etc.

Demonstrations, macroscopic and microscopic, will be given frequently during the session, illustrating, as far as possible, the whole range of Forensic Medicine and Public Health.

Written and Oral Examinations (attendance at which is compulsory) will be held at intervals.

In addition facilities will be given for studying Practical Toxicology in the Medico-Legal Laboratory at the University.

Text-Books—Guy and Ferrier, *Principles of Forensic Medicine*; Dixon Mann, *Manual of Medical Jurisprudence*; Hofmann, *Atlas of Legal Medicine* (English edition, 1898); Glaister, *Text-Book of Forensic Medicine and Toxicology* (2nd edition, 1910); Glaister, *Text-Book of Public Health* (2nd edition, 1910); Glaister, *Manual of Public Health for Students, etc.* (2nd edition, 1905).

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## PUBLIC HEALTH.

This Class will meet four days weekly during the winter session at 12 noon. The lectures will deal with the Sanitation of Dwellings, Medicine in its relation to Public Health, Vital Statistics and Statistical Methods, Sanitary Law, etc. (See Ordinance for Degrees in Public Health, p. 305, *University Calendar*). The subjects under consideration will, as far as possible, be illustrated by demonstrations, visits to



public institutions and public health works in Glasgow and neighbourhood, and by other means. The number of meetings of the Class is 75. The Class is open, after matriculation and payment of the Class Fee, to Candidates for the Diplomas in Public Health of the Universities of Cambridge, Oxford, and Durham, and of the English, Scottish, and Irish Colleges. According to the Regulations of the General Medical Council, attendance thereat will be accepted in lieu of the second three months' attendance at the office of a recognised Medical Officer of Health for Practical Sanitation.

Text-Books—Balfour and Lewis, *Manual of Hygiene and Public Health*; Parkes and Kenwood, *Manual of Hygiene and Public Health*; Glaister, *Text-book of Public Health* (2nd edition, 1910); Robertson and Porter, *Sanitary Law and Practice*; Hime, *Sanitary Law*; Local Government Board for Scotland, *Instructions, Forms, etc., to Local Authorities*.

LABORATORY INSTRUCTION IN PUBLIC HEALTH.—The Public Health Laboratory is under the personal supervision of Professor Glaister and his assistant, and is open from 10 a.m. to 4 p.m., daily, for practical instruction in the methods of analysis of air, water, soils, foods, and the detection of adulterations; and for instruction in practical meteorology, sanitary appliances, physics, and practical bacteriology, in relation to public health.

*Air*—Estimation of carbonic acid, by Pettenkofer's and other methods; detection and examination of gaseous impurities; estimation of organic impurity by ammonia and Carnelly's process; microscopic examination of matters in suspension; estimation of humidity, dew-point, and tension of vapour.

*Water*—Qualitative and quantitative analysis; microscopical examination of sediments; physical and biological examination; comparison and estimation of value of filtering media and filters; mineral and medicinal waters.



*Sewage*—Effects of purification processes; analysis of raw sewage and sewage effluents.

*Soils*—Chemical and physical examination.

*Foods*—Analysis and detection of adulterants; microscopic examination of food-stuffs; physical, microscopical, and chemical examination of milk; analysis of milk, cream, butter, cheese, and oils used as foods; microscopical examination and chemical analysis of starchy foods, sugars, tea, coffee, cocoa, pepper, etc.; examination of preserved foods and detection of their adulterations.

*Disinfectants*—Their valuation and comparison; examination of pigments in articles of attire, wall-papers, and those used in trade.

*Bacteriology*—Methods of investigation, cultivation, and transmission; preparation of culture media; bacteriological examination of air, water, foods, blood, earth, etc.; micro-photographic processes.

*Microscopy*—Examination of food substances; parasites—animal and vegetable; crystalline deposits; micro-organisms.

*Meteorological Instruments*—Barometer, thermometers, different kinds; rain gauges; anemometers and manometers; hygrometers, and the different forms of these instruments.

The Laboratory is furnished with all the necessary chemical apparatus, etc., required for analysis, and each worker is furnished with a set of apparatus for personally doing the work, and for which he is held personally responsible.

In the Departmental museum there is a complete collection of model sanitary appliances, including traps, soil stacks, soil pipes, ventilators, meteorological instruments, and an abundant collection of drawings, diagrams, and illustrative tables.

The Laboratory also possesses a large collection of microscopic specimens illustrative of parasites—animal and vegetable—food characteristics, of bacteriology, and of tropical diseases.

Visits will be made, as arranged, during the session, to view



and inspect modes of disposal of refuse, sewage disposal, unhealthy trades, etc.

The Laboratory instruction is recognised for the Diplomas in Public Health of the Triple Scotch Colleges, of the English Colleges, and of the Universities of Cambridge, Oxford, and Durham, under the new regulations.

Text-Books (for Public Health Laboratory)—Sommerville, *Public Health Laboratory Work*; Kenwood, *Public Health Laboratory Work*; Pakes, *Public Health Laboratory Work*; Hewlett, *Manual of Bacteriology*, 1898; Muir and Ritchie, *Manual of Bacteriology*, 1907; Slater and Spitta, *Atlas of Bacteriology*, 1898.

## 2. SURGERY (ST. MUNGO CHAIR).

Courses of Instruction are given at the Royal Infirmary as follow :

- I. Systematic Surgery. Daily during the Winter Term.
- II. Operative Surgery. Daily during the Summer Term.
- III. Clinical Surgery. Daily during Winter and Summer.
- I. Systematic Surgery. The following is a classification of the work in this class, which meets at 11 a.m. daily :
  - 1. Surgical Pathology. 2. Surgical Parasitology and diseases caused by parasites. 3. Wounds. 4. Injuries and diseases of special tissues. 5. Tumours. 6. Regional Surgery. 7. Anaesthesia.

The course includes tutorial work by the University Assistant.

- II. Operative Surgery. This course consists of two parts :
  - 1. Lectures at 11 a.m.
  - 2. Practical work. Each student performs on the dead body the more important operations. His practical work extends over not less than one month and consists of not less than thirty hours' instruction.



III. Clinical Surgery. This course is conducted in the Wards set apart for the University Surgical teaching in the Royal Infirmary (New North Block, Wards I.E., I.W., I.S.). The class meets daily at 9.15 a.m. In addition to witnessing all the operations of the department, each student is required to take an actual part in the Ward work, and is given opportunities of obtaining practical experience in :

1. Surgical diagnosis.
2. Use of surgical apparatus and appliances.
3. Administration of Anaesthetics.

Certificates of proficiency in the administration of anaesthetics are given in accordance with the Ordinance after the student has received theoretical instruction, and has satisfactorily acquired practical experience in their administration.

### 3. PRACTICE OF MEDICINE (MUIRHEAD CHAIR).

The Professor gives instruction both in Systematic and in Clinical Medicine.

I. The Systematic course of lectures is given in the Medical School of the Royal Infirmary at 1 p.m., five days a week, during the winter session. The Professor lectures four days a week, the fifth day being devoted to tutorial work.

The subject of study is the etiology, diagnosis, prognosis, and treatment of disease in so far as it relates to internal medicine. It is not found possible to overtake the whole of this in one winter session, but diseases omitted are always included in the following winter's syllabus. The first subject for consideration in session 1912-13 is Diseases of the Nervous System.

II. Clinical Medicine is taught in Wards 9 and 12 of the Royal Infirmary, at 9.15 a.m., five days a week, during both the winter and the summer session. The instruction takes the form of lecture-demonstration, as well as Ward visitation; and twice a week the class is divided into sections for the more



systematic study of the various methods of physical diagnosis. Senior students are expected to act as clinical clerks and to report the cases as they are admitted to the Wards.

Text-Books—*Principles and Practice of Medicine*, by Osler ; *Manual of the Practice of Medicine*, by Taylor ; *A Text-book of the Practice of Medicine*, by Roberts ; *Elements of Practical Medicine*, by Carter ; *Clinical Methods*, by Hutchison and Rainy.

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#### 4. OBSTETRICS AND GYNÆCOLOGY.

Women Students ordinarily attend the class of Obstetrics and Gynaecology at the Royal Infirmary.—See below (Muirhead Chair).

This Class meets five days weekly, at 12 noon. The Lectures comprise a complete study of Midwifery and Diseases of Women, as also Practical Demonstrations in the Use of Instruments, etc.

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#### 4. OBSTETRICS AND GYNAECOLOGY (MUIRHEAD CHAIR).

The Lectures during the Winter Session embrace the theory and practice of Midwifery and Gynaecology. The Professor is Physician to the Glasgow Maternity and Women's Hospital, and Gynaecological Surgeon to the Royal Infirmary. Instruction is given in Clinical Midwifery in the Glasgow Maternity and Women's Hospital, and Clinical Gynaecology in the Wards of the Royal Infirmary, which are under the direction of the Muirhead Professor.

There is a special Course of Systematic and Clinical Gynaecology in the Summer Session.

Text-Books. The following are recommended : Eden, *Manual of Midwifery* ; Jellett, *Manual of Midwifery* ; Fothergill,



*Manual of Midwifery*; Munro Kerr, *Operative Midwifery*; Williams, *Obstetrics*; Blair Bell, *The Principles of Gynaecology*; Jellett, *Practice of Gynaecology*.

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E. Candidates for the Degrees of Bachelor of Medicine and Bachelor of Surgery are *required* also to attend the following courses :

### 1. INSANITY.

A qualifying course of Lectures is given at the University on Wednesdays, at 12 noon, during the summer session, and the Lecturer (the Physician Superintendent of the Royal Asylum) gives Clinical Instruction at the Asylum, Gartnavel, on Saturdays, at 10 o'clock, and at the Western Infirmary Dispensary on stated afternoons.

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### 2. POST-MORTEM EXAMINATIONS.

See under Pathology, p. 26.

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### 3. FEVERS.

Clinical Courses in Fevers are given in the City of Glasgow Fever Hospitals, Belvidere and Ruchill.

At Belvidere the Winter Courses extend over six weeks, and commence in October and January respectively. The Summer Course extends over ten weeks, commencing in April, and is divided into three classes, one of which is for Women Students.

At Ruchill both Winter and Summer Courses extend over three weeks, with daily meetings, the Winter Courses commencing in October and January, and the Summer Courses in April and May, respectively. There is no separate Class for Women Students at Ruchill.

Students desiring to attend the classes should enrol at the Municipal Buildings (see p. 42) before the end of the winter session. Fee to be paid at time of enrolment.



#### 4. DISEASES OF CHILDREN.

Clinical instruction on the Diseases of Children will be given in the wards of the Royal Hospital for Sick Children as follows: Monday and Thursday, 3.30 p.m.—R. Barclay Ness, M.D.; Tuesday and Friday, 1.30 p.m.—J. B. Mackenzie Anderson, M.B.

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#### 5. OPHTHALMOLOGY.

A course of instruction in Ophthalmology is given during each session. In each term of the session Clinical Demonstrations are given on Mondays and Thursdays, at 4 p.m., in the Ophthalmic Department of the Glasgow Royal Infirmary, 126 West Regent Street. In the summer term a short course of lectures is given in the Anatomy Class Room at Gilmorehill on Fridays at 4 p.m. Students will be enrolled at the beginning of each term. They are required to attend at least twenty meetings of the class (including Clinical Demonstrations and Lectures). The Clinical Demonstrations may be attended during any one of the three terms.

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#### 6. DISEASES OF THE EAR.

A short course of instruction on Diseases of the Ear will be conducted in summer by Drs. Thomas Barr and J. Stoddart Barr. The course is intended to be largely clinical, and, after a few introductory lectures in the University, practical work will be carried on at the Glasgow Ear Hospital.

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#### 7. DISEASES OF THE THROAT AND NOSE.

At the beginning of each session the class meets as a whole at the University on Thursdays at 4 p.m. There the methods of examining the throat and nose, and the apparatus necessary for this purpose, are described and explained: the appearance



of the parts in health and as altered by disease is described, as are also the means of treatment, etc.

The class is then divided into sections for practical instruction. These sectional meetings are held at the Western Infirmary (Throat and Nose Department)—one section on Tuesdays, another on Fridays, at 4 p.m. At these meetings each student is afforded every facility for examining the various patients for himself under the supervision of the Lecturer.

In the Lectures at the University fuller instruction than can be communicated in the presence of the patient regarding pathological conditions seen at the Infirmary is given, and these lectures are illustrated by casts and diagrams, stereoscopic photographs and lantern slides, instruments, anatomical and pathological specimens, etc.

Text-Books—*Clinical Manual of Diseases of the Throat* (2nd edition, 1909), by J. Walker Downie, M.B.; *Diseases of the Nose*, by E. S. Waggett, M.A., M.B.

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## 8. DERMATOLOGY.

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### HOSPITAL INSTRUCTION.

#### ROYAL INFIRMARY.

Wards containing 358 beds are available for the Clinical Instruction of women students in this Hospital, which accommodates 600 medical and surgical patients. There is also a largely attended out-patient department, besides special clinics for ear, throat, eye, etc.

Students of this School have exceptional facilities for clinical study in the wards set apart for their instruction.



On the Surgical side ample opportunities are afforded in the wards for Clinical Clerking and Dressing, and students holding these posts assist at the operations. Classes in bandaging and minor surgery are also held.

On the Medical side the Clinical Class is divided into a Senior and a Junior division. From the Senior students clinical clerks are selected; and by means of small tutorial classes every facility is given to all the members of the Clinical Class for becoming practically acquainted with the methods of physical diagnosis.

The valuable Pathological Museum of the Hospital, under the direction of the curator, Professor Teacher, is largely drawn upon for illustration, and is open to the students for purposes of study.

Dispensary instruction is given as follows :—

Medical Dispensary,	.	.	.	.	2 p.m. every lawful day.
Surgical	„	.	.	.	2 p.m. „
Diseases of the Skin,	.	Dr. Morton,	10 a.m.,	Monday.	
„	„	Eye,	Dr. Thomson,	12 noon,	Monday.
„	„	Throat and Nose,	Dr. Fullerton,	11 a.m.,	Wednesday.
„	„	Ear,	Dr. J. Adam,	3.30 p.m.,	Friday.
„	„	Teeth,	Mr. Taylor,	3.30 p.m.,	Saturday.
„	of Women,		Dr. A. Louise M'Iroy,	10.30 a.m.,	Saturday.
Vaccination,	.	.	Dr. Hugh Borland,	12 noon,	Thursday.

#### GLASGOW MATERNITY AND WOMEN'S HOSPITAL.

The new Glasgow Maternity and Women's Hospital, designed with a special view to practical instruction in Obstetrics and gynaecology, is open to all medical students, under the requirements laid down by the General Medical Council. The lecture room seats ninety; and there are separate cloak rooms for men and women students. The operating theatre has accommodation for sixty students; and in the hospital there are 84 obstetric beds and 24 beds for gynaecological cases.



Women students attend the clinics given in the hospital by the Professor of Midwifery and other obstetricians.

The hospital has over 4800 maternity cases annually, and students have ample opportunity of gaining excellent and varied experience in midwifery.

Accommodation for a limited number of women students is provided at the Hospital and also at the West-end Branch.

Rules on application to the House Superintendent, MR. W. HILL, at the Hospital, Rottenrow.

#### ROYAL HOSPITAL FOR SICK CHILDREN.

Facilities are given in this Hospital for the study of the diseases of childhood.

Students can attend the Hospital, 45 Scott Street, the country Branch at Drumchapel, and the Dispensary, 11 West Graham Street, during the visits of the Physicians and Surgeons. Fee covering 12 months' attendance, £1 1s.

Clinical instruction on the Diseases of Children will be given in the Wards as follows:—

Monday and Thursday, 3.30 p.m., - R. Barclay Ness, M.D.

Tuesday and Friday, 1.30 p.m., - J. B. Mackenzie Anderson, M.B.

Information may be had from the House Physician, 45 Scott Street, Garnethill, or the Hon. Treasurer, 91 West Regent Street, Glasgow.

#### OPHTHALMIC INSTITUTION, 126 WEST REGENT STREET.

(See ante, page 35.)

#### ROYAL LUNATIC ASYLUM, GARTNAVEL.

(See ante, page 34.)

#### CITY OF GLASGOW FEVER HOSPITALS.

(See ante, page 34.)

#### GLASGOW EAR HOSPITAL.

(See ante, page 35.)



## FEES.

## I.—CLASS FEES.

Courses during the Winter Session extend as a rule to 100 meetings of the Class. Courses during the Summer Session, in most subjects, extend to 50 meetings, but in Operative Surgery, Insanity, Lectures on the Eye, on the Ear, and on Infectious Diseases, the courses are shorter.

## WINTER SESSION

Chemistry, . . . . .	<sup>1</sup> £4 4 0
Practical Chemistry, . . . . .	5 5 0
Chemical Laboratory, . . . . .	10 10 0
„ „ Half Session, . . . . .	5 5 0
Zoology, . . . . .	<sup>1</sup> 4 4 0
Zoological Laboratory, Elementary, . . . . .	3 3 0
Evolution, . . . . .	No fee.
Heredity, . . . . .	<sup>6</sup> 1 1 0
Anatomy (First Course), Jan.-March, . . . . .	2 2 0
„ (Second Course), Oct.-Dec., . . . . .	2 2 0
„ Practical, Oct.-March, . . . . .	<sup>5</sup> 6 6 0
„ Practical, Oct.-Dec. or Jan.-Mar., . . . . .	<sup>5</sup> 3 3 0
Practical Anatomy, Old Medical Ordinance, . . . . .	<sup>2</sup> 5 4 4 0
Physiology, . . . . .	<sup>1</sup> 4 4 0
Practical Physiology (General and Chemical), . . . . .	<sup>3</sup> 4 4 4 0
Physiological Laboratory, . . . . .	10 10 0
„ „ Half Session, . . . . .	5 5 0
Physiological Chemistry, . . . . .	2 2 0
Psychological Physiology, . . . . .	4 4 0
Materia Medica and Therapeutics, . . . . .	<sup>1</sup> 4 4 0
Pathology, . . . . .	<sup>1</sup> 4 4 0
Pathological Histology, . . . . .	<sup>7</sup> 3 3 0
Practical Bacteriology, . . . . .	<sup>7</sup> 3 3 0
Public Health (four days weekly), . . . . .	<sup>1</sup> 4 4 0

<sup>1</sup> Fee for a second or subsequent session, £3 3s.

<sup>2</sup> Students who have taken two winters and two summers of Practical Anatomy, as well as the Junior and Senior Lecture Courses, may afterwards enrol in Practical Anatomy at £1 1s.

<sup>3</sup> This fee includes Histology in the following summer.

<sup>4</sup> For students who have attended the Practical Physiology Class (summer and winter) the fee for any one of the three sections is £1 1s.

<sup>5</sup> This fee includes all charges.

<sup>6</sup> The course is open free to past or present members of the Classes of Botany and Zoology.

<sup>7</sup> Fee for Pathological Histology and Practical Bacteriology taken together, £5 5s.



Public Health Laboratory, . . . . .	£12 12 0
"                    "          Half Session, . . . . .	6 6 0
Dermatology, . . . . .	1 11 6
Ophthalmology, . . . . .	2 2 0
Ear, . . . . .	1 1 0
Throat and Nose, . . . . .	1 1 0

## CLASSES AT THE ROYAL INFIRMARY.

Pathology, . . . . .	<sup>1</sup> £4 4 0
Clinical Pathology. (For information apply to Prof. Teacher.)	
Midwifery (Systematic and Clinical), . . . . .	4 4 0
Clinical Gynæcology, per term, . . . . .	1 15 0
Surgery, . . . . .	<sup>1</sup> 4 4 0
Clinical Surgery, per term, . . . . .	1 15 0
Practice of Medicine, . . . . .	<sup>1</sup> 4 4 0
Clinical Medicine, per term, . . . . .	1 15 0

## SUMMER SESSION.

Physics, . . . . .	£3 3 0
Practical Physics, . . . . .	2 2 0
Botany, . . . . .	<sup>1</sup> 4 4 0
Practical Botany, . . . . .	<sup>4</sup> 3 3 0
Zoology (Vertebrata), . . . . .	<sup>4</sup> 3 3 0
Protozoology, . . . . .	<sup>7</sup> 2 2 0
Practical Anatomy, Old Medical Ordinance, . . . . .	<sup>2</sup> 6 2 12 6
Practical Anatomy, New Medical Ordinance, . . . . .	<sup>6</sup> 3 3 0
Embryology, . . . . .	2 2 0
Embryology, if taken with Practical Anatomy, . . . . .	1 1 0
Practical Physiology (Histology), . . . . .	<sup>3</sup> <sup>5</sup> 4 4 0
Physiological Laboratory, . . . . .	5 5 0
Practical Pharmacy, . . . . .	3 3 0
Practical Pathology, . . . . .	3 3 0
Medical Jurisprudence and Public Health, . . . . .	<sup>1</sup> 4 4 0
Public Health Laboratory, . . . . .	6 6 0
Insanity, . . . . .	2 2 0

<sup>1</sup> Fee for a second or subsequent session, £3 3s.

<sup>2</sup> Students who have taken two winters and two summers of Practical Anatomy, as well as the Junior and Senior Lecture Courses, may afterwards enrol in Practical Anatomy at £1 1s.

<sup>3</sup> For students who have attended the Practical Physiology Class (summer and winter) the fee for any one of the three sections is £1 1s.

<sup>4</sup> Students who have attended Lectures or Laboratory Classes in Botany and paid fees amounting to at least £13 13s. in respect of such classes, may afterwards enrol in any Lecture or Laboratory Class in Botany for £1 1s.

The parallel holds in Zoology.

<sup>5</sup> This fee includes the Practical Physiology (General and Chemical) taken in the following winter session.

<sup>6</sup> This fee includes all charges.

<sup>7</sup> The course is open free to past or present members of the Classes in Botany and Zoology.



Fevers, . . . . .	£1	1	0
Diseases of Children, . . . . .	1	1	0
Ophthalmology, . . . . .	2	2	0
Diseases of the Ear, . . . . .	1	1	0
Diseases of the Throat and Nose, . . . . .	1	1	0
Dermatology, . . . . .	1	11	6
Vaccination, . . . . .	1	1	0

## CLASSES AT THE ROYAL INFIRMARY.

Practical Pathology, . . . . .	£3	3	0
Gynæcology (Systematic and Clinical), . . . . .	2	2	0
Operative Surgery, . . . . .	3	3	0
Clinical Surgery, . . . . .	1	15	0
Clinical Medicine, . . . . .	1	15	0

## II.—HOSPITAL FEES.

## ROYAL INFIRMARY.

1. Hospital Attendance, Dispensary, etc.:—For perpetual ticket in one payment, £7 ; season tickets, six months, £2 2s., three months, £1 1s.

Separate payments, amounting to £7 7s., entitle a student to a perpetual ticket on return of previous season tickets.

*All* students shall obtain from the Superintendent a ticket for Infirmary Attendance *before* enrolling for Clinical Instruction.

2. Clinical Instruction—For six months, £3 10s. ; for three months, £1 15s.

(a) Matriculated University students who propose to attend the classes of University Professors or Lecturers shall, on showing their Hospital tickets, be enrolled for Clinical Instruction at the University.

(b) Matriculated University students who propose to attend the classes of non-University Lecturers shall be enrolled at the infirmary.



## GLASGOW MATERNITY AND WOMEN'S HOSPITAL.

Fee £5 5s., which entitles students to attend the Hospital at any time during their undergraduate career. Rules on application to the House Superintendent, MR. WM. HILL, at the Hospital, Rottenrow.

## ROYAL HOSPITAL FOR SICK CHILDREN, AND DISPENSARY.

Fee £1 1s. for twelve months' attendance at Hospital or Dispensary, or both.

Information may be had from the House Physician, 45 Scott Street, Garnethill, or the Hon. Treasurer, 91 West Regent Street, Glasgow.

CITY OF GLASGOW FEVER HOSPITALS, BELVIDERE  
AND RUCHILL.

Fee for Course of Instruction in Fevers, £1 1s.

For enrolment, apply to MR. JAS. D. BORTHWICK, Treasurer of Fever Hospitals, Police Department, Municipal Buildings.



## REGULATIONS FOR THE STUDY OF MEDICINE.

### REGISTRATION OF MEDICAL STUDENTS.

The candidate for the Degrees of Bachelor of Medicine and Bachelor of Surgery must have been registered in the books of the General Medical Council at least five years prior to the date of her graduation. In order to be so registered she must transmit to James Robertson, Esq., the Scottish Branch Registrar, 54 George Square, Edinburgh, together with a printed form of application, which may be obtained from the Mistress, Queen Margaret College, a certificate of having passed the Preliminary Examination, and satisfactory evidence of the applicant having attained the age of sixteen years. This should be done immediately after the commencement of medical study, as, by the regulations of the General Medical Council, no period of study taken more than fifteen days before registration can be recognised.

### GRADUATION IN MEDICINE AND SURGERY.

The Degrees in Medicine and Surgery conferred by this University are all recognised by the Medical Acts as qualifying for practice throughout the British dominions, and for admission to the Army, Navy, and Public Medical Service.

Every student who began medical studies previous to 1st January, 1892, is entitled to graduate under the system in force before or after that date, according as he shall comply with the regulations in force in the University before<sup>1</sup> or after that date. All others must fulfil the requirements of the later ordinances—(Ordinance No. 14, Glasgow No. 1 and Ordinance No. 9—Regulations for Degrees in Medicine)—the principal provisions of which are as follows:—

### New Medical Ordinance.

The provisions of University Court Ordinance No. XXXI., Glasgow No. 9 [Regulations for Degrees in Medicine], which was approved by His Majesty in Council on 25th May, 1911, and came into operation on 1st October, 1911, are as follow:<sup>2</sup>

<sup>1</sup> These regulations may be found at pp. 188—192 of the *University Calendar* for session 1895-96, and in the *Calendars* for preceding sessions.

<sup>2</sup> The Rules, Conditions, etc., made by the Senate and approved by the University Court, marked \*\*, have been inserted after the various Sections to which they are related.



## DEGREES AND DIPLOMAS IN MEDICINE AND SURGERY.

I. Four Degrees in Medicine and Surgery shall be conferred by the University of Glasgow, namely, Bachelor of Medicine (M.B.), Bachelor of Surgery (Ch.B.), Doctor of Medicine (M.D.), and Master of Surgery (Ch.M.). The Degree of Bachelor of Surgery shall not be conferred on any person who does not at the same time obtain the Degree of Bachelor of Medicine, and the Degree of Bachelor of Medicine shall not be conferred on any person who does not at the same time obtain the Degree of Bachelor of Surgery.

II. Subject to Regulations to be made from time to time by the University Court, on the recommendation of or after consultation with the Senatus, the University may confer Diplomas in Special Branches of Medical and Surgical Practice on graduates in Medicine and Surgery of the University of Glasgow, and also on other legally qualified medical practitioners who shall have pursued a prescribed course of study in the University.

## ACADEMICAL YEAR.

III. The academical year shall commence on the first day of October. In each academical year there shall be one medical session, which shall include not less than thirty teaching weeks. The medical session shall be divided into three terms, each including about ten teaching weeks. Two such terms shall for the purpose of reckoning the duration of Medical study be deemed the equivalent of one winter session, and one such term shall be deemed the equivalent of one summer session. The days on which courses of instruction shall open and close in each term shall be determined by the Senatus, with the approval of the University Court.

## PRELIMINARY EXAMINATION.

IV. Before commencing his course of Medical study, each student shall pass a Preliminary Examination in (1) English, (2) Latin, (3) Mathematics, and (4) an Additional Language, namely, Greek, French, German, Italian, or such other language as the Senatus may approve: Provided always that, in the case of a student whose native language is other than English, an examination in any other classical language, for example, Sanskrit or Arabic, may be substituted for an examination in Latin, and an examination in the student's native language may be substituted for an examination in the Additional Language.

V. The extent and standard of the Preliminary Examination shall be determined by the Joint-Board of Examiners constituted under Ordinance No. 13, General No. 8 [Regulations as to Examinations] in accordance with the terms of that Ordinance.

VI. The Preliminary Examination shall be conducted in accordance with the provisions of Ordinance No. 13, General No. 8 [Regulations as to Examinations]; and subject to the provisions of the immediately succeeding Section hereof, a student shall be obliged to pass in all the required subjects at one or not more than two examinations; provided that he may offer himself for re-examination as often as may be necessary to satisfy this condition.



VII. A Degree in Arts or in Science (not being a Degree *honoris causa tantum*) in any of the Universities of the United Kingdom, or in any Indian, Colonial, or Foreign University specially recognised for the purpose by the University Court, shall exempt from the Preliminary Examination; and the Joint-Board of Examiners appointed under the provisions of Ordinance No. 13, General No. 8 [Regulations as to Examinations] shall have power to determine what examinations, other than those for the Degrees hereinbefore mentioned, shall be accepted, either in whole or in part, in place of the Preliminary Examination.

PROFESSIONAL EDUCATION FOR THE DEGREES OF BACHELOR OF  
MEDICINE AND BACHELOR OF SURGERY.

VIII. Candidates shall be admitted to the Degrees of Bachelor of Medicine and Bachelor of Surgery only after they have fulfilled the following conditions with reference to Medical study :

1. The candidate must have pursued Medical study for not less than five years by attending courses of instruction in the subjects of the Curriculum during not less than fifteen terms.
2. During each of twelve terms preceding the fifth or final year the candidate must have attended one or more of the prescribed courses of instruction in the subjects of the Curriculum.
3. During the fifth or final year of his Curriculum the candidate must have pursued Clinical study for at least nine months or three terms at one or more of such Public Hospitals or Dispensaries, British or Foreign, as may be recognised for the purpose by the University Court, after consultation with the Senatus.
4. The candidate must, during his Curriculum, have attended a course or courses of instruction in each of the following subjects of study, extending over not less than the number of terms specified in each case, and including such class examinations as may be prescribed in connexion with the several courses :

- |  |   |   |                       |
|--|---|---|-----------------------|
| 1. Chemistry (including Organic Chemistry),                          | - | - | 2 terms.              |
| with Practical Chemistry,  | - | - | 1 term.               |
| 2. Physics (with practical work),                                    | - | - | 1 term.               |
| 3. Botany (with practical work),                                     | - | - | 1 term.               |
| 4. Zoology (with practical work),                                    | - | - | 1 term.               |
| 5. Anatomy and Practical Anatomy,                                    | - | - | 5 terms.              |
| 6. Physiology and Practical Physiology,                              | - | - | 3 terms.              |
| 7. Materia Medica and Therapeutics (together or separately),         | - | - | each subject, 1 term. |
| 8. Pathology and Practical Pathology,                                | - | - | 3 terms.              |
| 9. Medical Jurisprudence and Public Health (together or separately), | - | - | each subject, 1 term. |
| 10. Midwifery and Diseases peculiar to Women and to Infants,         | - | - | 2 terms.              |
| 11. Surgery,   | - | - | 2 terms.              |
| 12. Medicine,  | - | - | 2 terms.              |



Provided always that—

(a) The Senatus, with the approval of the University Court, shall have power, after receiving through the Faculty of Medicine the opinion of the Board of Studies, to determine from time to time the number of meetings of which such courses shall consist, the cases in which two half-courses shall be deemed equivalent to a full course, and the cases in which the subjects of such courses may be subdivided or combined for the purposes of study.

(b) It shall be the duty of each of the Professors and Lecturers to submit to the Board of Studies annually before the end of the second term of the medical session a scheme specifying what proportion of the courses shall be devoted to lectures, practical work, examinations, and tutorial instruction respectively. The Board of Studies shall transmit the schemes to the Faculty of Medicine, who shall submit them to the Senatus, with such observations as the Faculty may think fit to make thereon. The Senatus shall transmit such schemes, with such observations and recommendations as it may think fit to make thereon, to the University Court for its approval.

(c) The University Court shall have power, by Regulations made from time to time, on the recommendation of or after consultation with the Senatus, to increase the number of terms over which a course of instruction in any subject of study shall extend, or to introduce into the Curriculum additional subjects of study, or to extend the duration of the Curriculum beyond the period of fifteen terms. The University Court shall communicate to the General Council all Regulations proposed to be so made; and any representations made thereon by the General Council within two months from the date of such communication shall be taken into consideration by the University Court before any such Regulation is made.

5. The candidate must have attended for at least three years or nine terms the Medical and Surgical Practice of a General Hospital in Glasgow or elsewhere, which accommodates not fewer than eighty patients, and possesses distinct staffs of Physicians and Surgeons, and is recognised for the purpose by the University Court, after consultation with the Senatus.
6. The candidate must have attended, in a General Hospital defined and recognised as hereinbefore provided, a course or courses of instruction in Clinical Surgery extending over nine months or three terms, or over such longer period as may from time to time be determined by the Senatus, with the approval of the University Court. These courses may be conducted by a Professor of Surgery, or by other Professors or Lecturers appointed for the purpose by the University Court, or by the Ordinary Surgeons of the Hospital, and shall consist of regular instruction at the bedside, together with Clinical Lectures or Demonstrations.

The University Court, after consultation with the Senatus, shall have power to prescribe, as a condition of recognition of any General Hospital in Glasgow where courses of instruction in



Clinical Surgery qualifying for graduation are conducted, that the number of students attending a class for regular instruction at the bedside shall not exceed a specified limit.

7. The candidate must have attended, in a General Hospital defined and recognised as hereinbefore provided, a course or courses of instruction in Clinical Medicine extending over nine months or three terms, or over such longer period as may from time to time be determined by the Senatus, with the approval of the University Court. These courses may be conducted by a Professor of Medicine, or by other Professors or Lecturers appointed for the purpose by the University Court, or by the Ordinary Physicians of the Hospital, and shall consist of regular instruction at the bedside, together with Clinical Lectures or Demonstrations.

The University Court, after consultation with the Senatus, shall have power to prescribe, as a condition of recognition of any General Hospital in Glasgow where courses of instruction in Clinical Medicine qualifying for graduation are conducted, that the number of students attending a class for regular instruction at the bedside shall not exceed a specified limit.

8. The candidate must have attended a course of instruction in Mental Diseases of such duration, and so apportioned between lectures, demonstrations, and clinical instruction, as the Senatus, with the approval of the University Court, may from time to time prescribe.

\* \* The course of instruction in Mental Diseases shall be given by a University Lecturer or by a recognised Teacher, and shall include not less than eighteen meetings of the class. Of these six may be for class-room lectures, and the remainder for demonstrations in the wards of an asylum for the insane.

9. The candidate must have attended a course of instruction in Practical Pharmacy, consisting of not less than twenty-five meetings, at a University or recognised Medical School, or have dispensed drugs for a period of three months in a Public Hospital or Dispensary, or in the establishment of any chemist and druggist or pharmacist or pharmaceutical chemist of Great Britain or any pharmaceutical chemist of Ireland who is registered in the books of the Pharmaceutical Society of Great Britain or of the Pharmaceutical Society of Ireland respectively.
10. The candidate must, under such conditions as the Senatus, with the approval of the University Court, may from time to time prescribe, have attended during six months or two terms the out-patient practice of a Public Hospital or Dispensary, and have acted during six months or two terms as Clinical Clerk in the Medical department and during six months or two terms as Clinical Clerk or Dresser in the Surgical department of a Public Hospital: Provided always that the Senatus, with the approval of the University Court, shall have power to extend any of the periods herein prescribed.



11. The candidate must have received at a Public Hospital or Dispensary, to such an extent and under such conditions as the Senatus, with the approval of the University Court, may from time to time prescribe, practical instruction in *post-mortem* Examinations, Infectious Diseases, Gynæcology, Diseases of Children, Ophthalmology, Diseases of the Ear and Throat, Dermatology, or such other special departments as may from time to time be determined by the same authority.

\* \* \* Courses of practical instruction in the following departments have been prescribed :

1. Demonstrations in the *post-mortem* room of a recognised hospital, with practical instruction in the method of making *post-mortem* examinations. Attendance at not less than twenty *post-mortem* examinations is required.

2. A course of clinical instruction in Fevers and other Infectious Diseases, including at least ten meetings of the class, at a hospital for infectious diseases containing not less than fifty beds.

3. Courses of practical instruction in Gynæcology, in Diseases of Children, and in Diseases of the Ear and Throat, including at least twenty meetings of the class, each meeting being for clinical and practical demonstrations. Where Diseases of the Ear and Diseases of the Throat are taught in separate courses, each separate course shall include at least ten meetings of the class.

4. A course of practical instruction in Ophthalmology, including at least twenty meetings of the class. Of these, six may be for class-room lectures, and the remainder for clinical demonstrations in the wards of a hospital recognised for the purpose, or partly in the wards of a hospital and partly in a dispensary, both recognised for the purpose.

5. A course of practical instruction in Dermatology, including at least ten meetings of the class, each meeting being for clinical and practical demonstrations.

12. The candidate must have conducted twenty cases of labour, under such conditions as the Senatus, with the approval of the University Court, may from time to time prescribe.

\* \* \* In accordance with the rules of the General Medical Council the following conditions are prescribed :

1. The candidate must previously have held the offices of Clinical Medical Clerk and Surgical Dresser, and have attended a course of lectures on Surgery and on Midwifery.

2. The candidate must *either*—

(a) Have regularly attended the indoor practice of a Lying-in Hospital, or the lying-in wards of a General Hospital, for a period of three months; and after having received therein practical instruction in the conduct of labour, under the personal supervision of a Medical Officer, have conducted twenty cases of labour under official medical supervision ; or



(b) Have conducted not less than twenty cases of labour, subject to the following conditions—

That he has, during one month, given regular daily attendance upon the indoor practice of a Lying-in Hospital, or the lying-in wards of a General Hospital or Poor-Law Infirmary having a resident Medical Officer recognised for that purpose by any of the Licensing Bodies, and that he has therein conducted cases of labour under the personal supervision of a Medical Officer of the Hospital or Infirmary, who shall, when satisfied of the candidate's competence, authorise him to conduct outdoor cases under official medical supervision.

13. The candidate must have been properly instructed in Vaccination, at a Public Vaccination Station, by a Public Vaccinator authorised by a proper Government Authority to grant Certificates of Proficiency in Vaccination.

14. The candidate must have been properly instructed in the Administration of Anæsthetics and in Operative Surgery, under such conditions as the Senatus, with the approval of the University Court, may from time to time prescribe.

\* \* The candidate must present a certificate from a Professor, Lecturer, or Teacher giving a course of instruction in Clinical Surgery, testifying that, after having received theoretical instruction in Anæsthetics, the candidate has acquired practical experience in their administration.

The course of instruction in Operative Surgery shall include not less than thirty hours of practical work, and shall extend over at least one month.

15. The Senatus, with the approval of the University Court, shall have power to prescribe the form of the certificate of attendance on any course of instruction, or on the practice of any Hospital or Dispensary, to be presented by the candidate : Provided always that no candidate shall be deemed to have attended a course of instruction for the purposes of graduation who does not present a certificate bearing not only that he has regularly attended the course, but also that he has duly performed the work thereof.

16. The Senatus, with the approval of the University Court, shall have power to require that the course of instruction in any of the subjects of the Curriculum shall include practical work, to prescribe the order in which the several courses of instruction shall be attended, and to limit the number of such courses that may be attended in any term or year.

\* \* The following rules shall be observed :

Of the courses of instruction specified in Section VIII., subsection 4—

No. 6, Physiology and Practical Physiology, shall not be taken till after the end of the candidate's third term ;



No. 7, *Materia Medica* and *Therapeutics*, and No. 8, *Pathology* and *Practical Pathology*, shall not be taken till after the end of the candidate's sixth term ;

No. 9, *Medical Jurisprudence* and *Public Health*, shall not be taken till after the end of the candidate's eighth term ;

No. 10, *Midwifery* and *Diseases peculiar to Women and to Infants*, No. 11, *Surgery*, and No. 12, *Medicine*, shall not be taken till after the end of the candidate's ninth term : Provided that a candidate who has passed the professional examination in the subjects of the second division (*Anatomy and Physiology*) may take the course in No. 11, *Surgery*, after the end of his sixth term.

The attendance on *Hospital Practice* required under Section VIII., sub-section 5, and the courses of instruction in *Clinical Medicine*, *Clinical Surgery*, etc., prescribed under sub-sections 6, 7, 8, 10, 11, 12, 13, and 14, shall not be taken till after the end of the sixth term.

IX. With respect to the Places and Institutions at which Medical study may be pursued, the following Regulations shall have effect :

1. Not less than two years or six terms of Medical study must be spent in attendance at the University of Glasgow on courses of instruction in the subjects of the Curriculum.
2. Subject to the provision of Section VIII, sub-section 3, the remaining three years or nine terms of Medical study may be spent in attendance on courses of instruction in the subjects of the Curriculum at any University of the United Kingdom, or at such Indian, Colonial, or Foreign University, or at such College incorporated with or affiliated to a University, or at such Medical Schools or under such Teachers, as may be recognised for the purpose by the University Court.
3. Of the subjects of study specified in Section VIII, sub-section 4, not less than one half the number must be studied at the University of Glasgow, or at some other University of the United Kingdom, or at a recognised Indian, Colonial, or Foreign University, or at a recognised College incorporated with or affiliated to a University.
4. Subject to the provision of sub-section 3 immediately preceding, the prescribed courses of instruction in any of the subjects of study specified in Section VIII, sub-section 4, may be attended at one or more recognised Medical Schools or under one or more recognised Teachers.
5. All candidates, not Matriculated Students of the University, attending, for the purposes of graduation in the University, the courses of instruction of recognised Extra-Academical Teachers in Glasgow, must, during each academical year in which such course or courses are attended, enrol their names in a book to be kept in the University for that purpose, paying a Fee of the same amount as the Matriculation Fee paid by



Matriculated Students of the University, and having, in respect of such payment, a right to the use of the Library of the University.

6. The Fee for attendance, for the purposes of graduation, on the courses of instruction of recognised Extra-Academical Teachers in Glasgow, shall be not less than the amount exigible for the corresponding courses in the University.
7. The University Court shall not recognise as qualifying for admission to examination in any of the subjects specified in Section VIII, sub-section 4, the course of instruction of any Teacher who is at the time a Teacher of more than one of the said subjects, except in those cases where Professors in the University are at liberty to teach two subjects: Provided always that a Professor or other Teacher in any endowed public College or Institution, who by the terms of his appointment is required to teach more than one subject of Medical study therein, may be recognised under sub-section 2 of this Section as a Teacher of any one of the subjects which he teaches.
8. A Teacher, attendance on whose course of instruction shall, before the date of the approval of this Ordinance by His Majesty in Council, have been recognised for the purposes of graduation in the University, shall not require to obtain a new recognition from the University Court; and attendance on the course of instruction of every such Teacher may continue to be recognised as heretofore.
9. It shall be in the power of the University Court, if it shall see cause, at any time to withdraw or suspend any recognition which it may have granted.
10. The University Court shall not grant or continue recognition to any Institutions or Teachers unless it shall be satisfied that their courses of instruction are equivalent to the courses prescribed for graduation in the University.

#### PROFESSIONAL EXAMINATION FOR THE DEGREES OF BACHELOR OF MEDICINE AND BACHELOR OF SURGERY.

X. The Examination for the Degrees of Bachelor of Medicine and Bachelor of Surgery shall include the following subjects, arranged in the following divisions, namely: *First*, Chemistry, Physics, Botany, and Zoology; *Second*, Anatomy, and Physiology; *Third*, Materia Medica and Therapeutics, and Pathology; *Fourth*, Medical Jurisprudence and Public Health, Surgery and Clinical Surgery, Practice of Medicine and Clinical Medicine, and Midwifery and the Diseases peculiar to Women and to Infants.

No candidate shall be admitted to examination in any subject until he has attended the prescribed course of instruction in that subject, and fulfilled the prescribed conditions with reference thereto.

The examination in each subject shall be conducted both orally and in writing; and in those subjects in which practical or clinical instruction is prescribed, and in which a practical or clinical examination may



suitably be held, the examination shall be such as to test the practical or clinical acquirements of the candidate. In determining the result of any practical or clinical examination the Examiners, under such conditions as the Senatus, with the approval of the University Court, may from time to time prescribe, may take account of the records of the practical or clinical work done by the candidate himself during his attendance on the prescribed course of instruction.

\* \* \* Such records of practical or clinical work shall not be taken into account unless they are certified, by the Teacher giving the course of instruction, to be the original records made by the candidate, which were submitted to and approved by the Teacher at the time the work was done.

XI. (a) The Senatus, with the approval of the University Court, shall have power to determine that a prescribed interval shall elapse between the time when a candidate passes the examinations in the subjects of one division and the time of his admission to examination in the subjects of a subsequent division, or that a candidate who has not passed the examinations in the subjects of one division shall be restrained from attendance on qualifying courses of instruction in any subject or subjects of a subsequent division, or that under prescribed conditions a candidate may pass the examinations in the subjects of any division singly or together, or that the examinations in the subjects of any division shall be taken in a prescribed order.

\* \* \* 1. A candidate who has not passed the examinations in two at least of the subjects of the first division shall not be allowed to attend any part of the qualifying course in Physiology, except the practical course in Histology in the third or summer term.

2. A candidate who has not passed the examinations in the subjects of the second division (Anatomy and Physiology) shall not be allowed to attend the qualifying course in Surgery till after the end of the ninth term.

3. A candidate may pass the examinations in the subjects of the first division taken singly or together, provided that, when he presents himself for the first time, he passes in at least two subjects (subject to Section XVIII.).

4. A candidate must (subject to Section XVIII.) pass the examinations in the subjects of the second division taken together.

5. A candidate may pass the examinations in the subjects of the third division taken singly or together.

6. A candidate may pass the examination in Medical Jurisprudence and Public Health separately from the examinations in the other subjects of the fourth division, but not earlier than the end of the twelfth term.

7. A candidate must (subject to Section XVIII.) pass the examinations in the other subjects—Medicine, Surgery, and Midwifery—of the fourth or final division taken together.



(b) The University Court shall have power, by Regulations made from time to time, on the recommendation of or after consultation with the Senatus, to alter the number of the divisions specified in Section X., to introduce additional subjects into any division, or to determine that particular subjects or parts of subjects shall for the purposes of examination be subdivided or combined or transferred from one division to another: Provided always that the final division shall in all cases include practical and clinical examinations in Medicine, Surgery, and Midwifery. The University Court shall communicate to the General Council all Regulations proposed to be so made, and any representation made thereon by the General Council within two months from the date of such communication shall be taken into consideration by the University Court before any such Regulation is made.

XII. The Senatus, with the approval of the University Court, shall have power, in the case of a candidate who at any other Scottish University has attended a qualifying course of instruction and passed the corresponding examination in any of the subjects prescribed for graduation (other than the subjects of Medicine, Surgery, and Midwifery), to determine that such examination shall be accepted as equivalent in whole or in part to the corresponding examination of the University of Glasgow: Provided always that in the judgment of the Senatus the course of instruction is equivalent to the course prescribed for graduation in the University of Glasgow, and that the standard of the examination is satisfactory.

XIII. A candidate who has attended the prescribed course or courses of instruction in any of the subjects comprised in the first division may be admitted to examination therein, at such time and under such conditions as the Senatus, with the approval of the University Court, shall determine.

In the case of a candidate who has, at any University of the United Kingdom, or at any other University specially recognised for the purpose by the University Court, completed a course of instruction and passed an examination in Chemistry, Physics, Botany, or Zoology, or in Biology (including therein Botany and Zoology), qualifying for a Degree in Science or in Arts or in Medicine, the Senatus shall have power to exempt him from passing the examination in the corresponding subject or subjects comprised in the first division: Provided always that in the judgment of the Senatus the course of instruction and the standard of examination are in each case satisfactory, and provided also that he has passed or obtained exemption from the Preliminary Examination in accordance with the provisions of this Ordinance.

XIV. A candidate who has passed the examinations in the subjects comprised in the first division may be admitted to examination in the subjects of the second division after the end of the sixth term of Medical study, or such other term as the Senatus, with the approval of the University Court, shall determine.

XV. A candidate who has passed the examinations in the subjects comprised in the second division may be admitted to examination in the subjects of the third division after the end of the ninth term of



Medical study, or such other term as the Senatus, with the approval of the University Court, shall determine.

XVI. A candidate who has passed the examinations in the subjects comprised in the third division may be admitted to examination in the subjects of the fourth or final division at such time and under such conditions as the Senatus, with the approval of the University Court, shall determine: Provided always that no candidate shall be admitted to the final examinations in Medicine, Surgery, and Midwifery until the end of the fifteenth term of Medical study.

XVII. If any candidate at any of the examinations be found unqualified in a subject or subjects he may not be again admitted to the examination unless he has pursued such further study, for such time and under such conditions, as the Faculty of Medicine may prescribe.

\* \* \* A candidate who has been found unqualified in any subject of the fourth or final division shall not be readmitted to examination unless he furnishes evidence of having further studied that subject for such a period as the Faculty of Medicine, on the report of the Examiners, may prescribe.

XVIII. If any candidate at any of the examinations be found to have passed in a subject or subjects with special merit, he may be exempted from re-examination in such subject or subjects, although he may have been found unqualified in a subject or subjects included in the same examination.

XIX. Every candidate for graduation must, on or before such day as the Senatus may from time to time determine, deliver to the Clerk of the Senatus a declaration, in his own handwriting, that he has completed his twenty-first year, or that he will have completed it on or before the day of graduation.

XX. After the candidate has fulfilled the prescribed conditions and has satisfied the Examiners in the subjects of the fourth or final division of the Examination, the Dean of the Faculty of Medicine shall on behalf of the Faculty report the result to the Senatus, by whose authority the candidate shall be admitted, on such day as the Senatus may from time to time appoint, to the Degrees of Bachelor of Medicine and Bachelor of Surgery, on payment of the required fees.

XXI. Candidates for graduation shall produce evidence of their having conformed to the Regulations which were in force at the time they commenced their course of Medical study, except in so far as is provided in Section XXVII. hereof.

#### PROFESSIONAL EXAMINATION FOR THE DEGREE OF DOCTOR OF MEDICINE.

XXII. 1. Subject to the conditions hereinafter specified, the Degree of Doctor of Medicine may be conferred on any candidate who has obtained the Degrees of Bachelor of Medicine and Bachelor of Surgery of the University of Glasgow, and is of the age of twenty-four years or upwards, and has produced a certificate showing that, after having received the Degrees of Bachelor of Medicine and Bachelor of Surgery, he has been engaged for at



least one year in attending the Medical Wards of an Hospital or in scientific work bearing directly on his profession, such as is conducted in the Research Laboratories of the University, or in the Naval, Military, Colonial, or Public Health Medical Services, or has been engaged for at least two years in Practice other than Practice restricted to Surgery.

2. Each candidate for the Degree of Doctor of Medicine shall be required to pass an examination in Clinical Medicine or in such special department of Medical Science or Practice professed by the candidate as the Senatus, on the recommendation of the Faculty of Medicine, may approve; and he may be admitted to the examination at such time, not sooner than one year after he has received the Degrees of Bachelor of Medicine and Bachelor of Surgery, as the Senatus may appoint for the purpose.
3. Each candidate for the Degree of Doctor of Medicine shall submit for the approval of the Faculty of Medicine a Thesis on any branch of knowledge, comprised in the several divisions of the Examination for the Degrees of Bachelor of Medicine and Bachelor of Surgery, which he may have made a subject of special study, excepting a subject that is exclusively surgical; and the Thesis, accompanied by a declaration signed by the candidate that the work has been done and the Thesis composed by himself, shall be lodged with the Dean of the Faculty of Medicine<sup>1</sup> on or before a date to be fixed by the Senatus (2nd June). The Faculty may, if it sees fit, before approving the Thesis, require the candidate to present himself for oral or other examination on the subject-matter thereof. If the Thesis is, in the judgment of the Faculty, of special merit, the Senatus may, on the recommendation of the Faculty, exempt the candidate from the whole or part of the examination prescribed in sub-section 2 of this Section.
4. A Bachelor of Medicine and Bachelor of Surgery, who produces to the Senatus satisfactory evidence of his intention of entering within twelve months after obtaining such Degrees on the practice of his profession in a British Possession or Colony, or in a Foreign Country, may, under such conditions as the Senatus may from time to time prescribe, be admitted to the examination in Clinical Medicine or in a special department of Medical Science or Practice prescribed in sub-section 2 of this Section, at such time after he has received such Degrees as the Senatus may appoint for the purpose: Provided always that in special circumstances the Senatus may, if it sees fit, on the recommendation of the Faculty of Medicine, exempt him from the whole or part of the examination; but the Degree of Doctor of Medicine shall not be conferred on him unless he shall produce a certificate showing that, after having received the Degrees of Bachelor of Medicine and Bachelor of Surgery, he has been engaged for at least one year in attending the Medical Wards of an Hospital or in scientific work bearing directly on his profession, such as is

<sup>1</sup> At the Registrar's Office.



conducted in the Research Laboratories of the University, or in the Naval, Military, Colonial, or Public Health Medical Services, or for at least two years in Practice other than Practice restricted to Surgery, and unless his Thesis, in the judgment of the Faculty of Medicine, is of special merit.

#### PROFESSIONAL EXAMINATION FOR DEGREE OF MASTER OF SURGERY.

- XXIII. 1. Subject to the conditions hereinafter specified the Degree of Master of Surgery may be conferred on any candidate who has obtained the Degrees of Bachelor of Medicine and Bachelor of Surgery of the University of Glasgow, and is of the age of twenty-four years or upwards, and has produced a certificate showing that, after having received the Degrees of Bachelor of Medicine and Bachelor of Surgery, he has been engaged for at least one year in attending the Surgical Wards of an Hospital or in scientific work bearing directly on his profession, such as is conducted in the Research Laboratories of the University, or in the Naval, Military, or Colonial Medical Services, or has been engaged for at least two years in Practice other than Practice restricted to Medicine.
2. Each candidate for the Degree of Master of Surgery shall be required to pass an examination in the following subjects: Surgical Anatomy, Operations upon the dead body, and Clinical Surgery or such special department of Surgery professed by the candidate as the Senatus, on the recommendation of the Faculty of Medicine, may approve; and he may be admitted to the examination at such time, not sooner than one year after he has received the Degrees of Bachelor of Medicine and Bachelor of Surgery, as the Senatus may appoint for the purpose.
3. Each candidate for the Degree of Master of Surgery shall submit for the approval of the Faculty of Medicine a Thesis on any branch of knowledge, comprised in the several divisions of the Examination for the Degrees of Bachelor of Medicine and Bachelor of Surgery, which he may have made a subject of special study, excepting a subject that is exclusively medical; and the Thesis, accompanied by a declaration signed by the candidate that the work has been done and the Thesis composed by himself, shall be lodged with the Dean of the Faculty of Medicine<sup>1</sup> on or before a date to be fixed by the Senatus. The Faculty may, if it sees fit, before approving the Thesis, require the candidate to present himself for oral or other examination on the subject-matter thereof. If the Thesis is, in the judgment of the Faculty, of special merit, the Senatus may, on the recommendation of the Faculty, exempt the candidate from the whole or part of the examination prescribed in sub-section 2 of this Section.
4. A Bachelor of Medicine and Bachelor of Surgery who produces to the Senatus satisfactory evidence of his intention of entering within twelve months after obtaining such Degrees on the practice of his profession in a British Possession or Colony, or in a Foreign

<sup>1</sup> At the Registrar's Office.



Country, may, under such conditions as the Senatus may from time to time prescribe, be admitted to the examination in the subjects specified in sub-section 2 of this Section, at such time after he has received such Degrees as the Senatus may appoint for the purpose: Provided always that in special circumstances the Senatus may, if it sees fit, on the recommendation of the Faculty of Medicine, exempt him from the whole or part of the examination; but the Degree of Master of Surgery shall not be conferred on him unless he shall produce a certificate showing that, after having received the degrees of Bachelor of Medicine and Bachelor of Surgery, he has been engaged for at least one year in attending the Surgical Wards of an Hospital or in scientific work bearing directly on his profession, such as is conducted in the Research Laboratories of the University, or in the Naval, Military, or Colonial Medical Services, or for at least two years in Practice other than Practice restricted to Medicine, and unless his Thesis in the judgment of the Faculty of Medicine is of special merit.

#### FEEES.

XXIV. The fee to be paid to the University of Glasgow for the Degrees of Bachelor of Medicine and Bachelor of Surgery shall be twenty-two guineas, and the proportion of this sum to be paid by a candidate at each division of the Examination shall be regulated from time to time by the University Court. The fee to be paid for the Degree of Doctor of Medicine shall be fifteen guineas. The fee to be paid for the Degree of Master of Surgery shall be fifteen guineas. The fee to be paid for a Diploma in a Special Branch of Medical or Surgical Practice shall be determined from time to time by the University Court. A candidate for any Degree in Medicine or Surgery, or for any Diploma, who has failed to pass any examination, or whose Thesis has not been approved, may, before re-admission to the examination or before again submitting a Thesis for approval, be required to pay such additional fee as the University Court may determine.

#### EXAMINERS.

XXV. The Examiners for graduation in Medicine in the University shall be the Professors constituting the Faculty of Medicine, together with such Lecturers in the University and such additional Examiners, to be appointed by the University Court, as the University Court shall deem necessary: Provided always that the Court shall make such provision as will ensure that every candidate shall be examined in each subject by at least two Examiners, of whom one shall be an additional Examiner appointed by the University Court. The examinations shall be conducted under Regulations made from time to time by the Senatus, with the approval of the University Court.

#### PROFESSOR OF NATURAL PHILOSOPHY TO BE A PROFESSOR IN THE FACULTY OF MEDICINE.

XXVI. Immediately after the words "Faculty of Medicine" in Ordinance No. 31, Section 1, sub-section 5, shall be inserted the words, "The Professor of Natural Philosophy."



## DATE OF COMING INTO OPERATION.

XXVII. Every student who began his course of Medical study before the date when this Ordinance comes into operation shall be entitled to graduate under the system in force before or after that date, according as he shall comply with the Regulations in force in the University before or after that date.

XXVIII. From and after the date at which this Ordinance comes into operation Ordinances numbered 14, 54, 156 of the Commissioners under the Universities (Scotland) Act, 1889, are hereby revoked as regards the University of Glasgow, and any reference made in existing Ordinances applicable to the University of Glasgow to the Ordinances so revoked shall be deemed to refer to this Ordinance.

XXIX. The provisions of this Ordinance shall come into operation at the beginning of the academical year next after the approval thereof by His Majesty in Council.

[Approved, 25th May, 1911.]

## DISTINCTIONS ATTAINABLE BY STUDENTS AND GRADUATES OF MEDICINE.

Candidates who have shown special merit in any subject or subjects at any of the Professional Examinations will be announced as having passed in such subject or subjects "with distinction."

Candidates who have shown special merit as indicated by the aggregate results of the four Professional Examinations will be announced, at the time of Graduation, as having obtained Commendation or Honours, according to the degree of excellence.

In connection with the Higher Degrees in Medicine and Surgery three grades of distinction are also awarded, viz., Commendation, High Commendation, and Honours. The Bellahouston Trustees have put it in the power of the University to award three Gold Medals yearly to those who, having gained Honours, are pronounced by the Senate on the Report of the Faculty of Medicine worthy of this highest distinction for the excellence of their Theses.

For Straits Settlements Gold Medal, see under Prizes, *University Calendar*.

Graduates in Medicine or Surgery to whom Honours are awarded for their Theses are requested to publish these Theses in Journals or otherwise, and to supply copies to the University for exchange with other Universities.

## GRADUATION.

The terms for conferring Medical and Surgical Degrees in Session 1912-13 are 10th October, 1912, and 21st April, 1913.

Candidates proceeding to graduation, if not already Members of the General Council of the University, are required by the Act 44 and 45 Vict., ch. 40, to pay to the Registrar of the General Council the Registration Fee, and furnish to him the particulars required for their enrolment in the General Council. This should in all cases be done at least two clear days before the day of graduation.



In accordance with the Promissory Oaths Act, 1868 a Declaration in the following English form is now substituted for the Latin Oath<sup>1</sup> formerly required to be taken and subscribed by every candidate on graduation :—

I make this solemn declaration in virtue of the Provisions of the Promissory Oaths Act, 1868, substituting a Declaration for Oaths in certain cases.

I do solemnly and sincerely declare, that, as a Graduate in Medicine of the University of Glasgow, I will exercise the several parts of my profession, to the best of my knowledge and abilities, for the good, safety, and welfare of all persons committing themselves, or committed to my care and direction; and that I will not knowingly or intentionally do anything or administer anything to them to their hurt or prejudice, for any consideration, or from any motive whatever. And I further declare, that I will keep silence as to anything I have seen or heard while visiting the sick which it would be improper to divulge.

#### REGISTRATION OF MEDICAL PRACTITIONERS.

Graduates should register as soon as possible with the Branch Registrar for Scotland, at 54 George Square, Edinburgh. Fee £5 2s. Additional qualifications, £1 each. Forms of application may be had from the Assistant-Clerk (Matriculation Office).

### Old Medical Ordinance.

#### ORDINANCE NO. 14, GLASGOW NO. 1.—REGULATIONS FOR DEGREES IN MEDICINE.

I. Four degrees in Medicine and Surgery are conferred by the University of Glasgow, viz., Bachelor of Medicine (M.B.), Bachelor of Surgery (Ch.B.), Doctor of Medicine (M.D.), and Master of Surgery (Ch.M.). The Degree of Bachelor of Surgery shall not be conferred on any person who does not at the same time obtain the Degree of Bachelor of Medicine, and the Degree of Bachelor of Medicine shall not be conferred on any person who does not at the same time obtain the Degree of Bachelor of Surgery.

II. Subject to regulations to be made from time to time by the University Court, the University may also confer diplomas in Special Branches of Medical and Surgical Practice on graduates of the University in Medicine and Surgery.

III. Before commencing his medical studies, each student shall pass a Preliminary Examination in (1) English, (2) Latin, (3) Elementary

<sup>1</sup> *The Oath was in these words:—*Testor Deum omnipotentem me hoc Iusjurandum pro virili servaturum; Victus rationem aegris commodam et salutarem praescripturum; nullius intercessione nec sponte noxium pharmacum cuiquam propinaturum; sed sancte et caste vitam artemque meam instituturum; In quascunque domos intravero ad aegrotantium duntaxat salutem ingressurum et ab omni injuria inferenda procul futurum: Quaecunque inter curandum videro audiverove siquidem ea efferre non expediat silentio suppressurum.



Mathematics, and (4) Greek or French or German : Provided always that, in the case of a candidate whose native language is not English, an examination in the native language of the candidate may be substituted for one in either French or German, and an examination in any other classical language for one in Latin or Greek.<sup>1</sup>

IV. The extent and standard of the Preliminary Examination shall be determined by the Joint-Board of Examiners constituted under Ordinance No. 13 (Regulations as to Examinations) in accordance with the terms of that ordinance.

Under this section the Joint-Board have directed that for the Medical Preliminary Examination the papers set in Latin, Greek, and Mathematics shall be the same as those set on the lower standard in these subjects in the Arts and Science Preliminary Examination.

In English, no set books shall be prescribed, nor shall a general knowledge of the life and works of the greater authors be expected of candidates, but one or two questions may be set, giving an opportunity to candidates to show a knowledge of famous literary works. The historical questions shall not be confined to any one period, but shall cover the whole of British History, and shall be set in such a way as to give an opportunity to candidates who have confined their studies to a single period to show their knowledge. A single three hours' paper shall be set, containing an Essay, a Paraphrase, two questions on History, two on Geography, four on Grammar (including correction of sentences, parsing, analysis of sentences, and derivations), two of a literary and general kind. Eight answers shall be required. The Essay, the Paraphrase, one answer on History and one on Geography shall be compulsory.

One paper shall be set in French and one in German. The papers shall be of a lower standard than those set in these subjects in the Arts and Science Preliminary Examination. The time allowed for each of these papers shall be three hours. The paper in each subject shall comprise questions in Grammar, translation into English, and Composition including a continuous passage and short sentences of an idiomatic character.

The papers set in examinations in the *native language* of a candidate (as a substitute for French or German) or in *another classical language* (as a substitute for Latin or Greek) shall conform, so far as possible, to the directions for setting papers in Modern Languages and in Latin or Greek respectively.

It shall be in the option of any candidate for the Medical Preliminary to take the papers set on the higher standard for the Arts Preliminary in any of the subjects.

Candidates who, having taken English or a Modern Language on the higher standard, as prescribed by the Arts Ordinance for

<sup>1</sup> Each applicant for examination in a special subject in the Preliminary Examination shall pay, in addition to the statutory fee for Preliminary Examination, the sum of One Guinea, and should the applicant be successful in passing the examination in the special subject he shall be entitled to recover the sum of One Guinea when he has become a matriculated student of the University, *i.e.*, has entered his name in the Matriculation Album, and has been enrolled in at least one University Class.



the Arts and Science Preliminary, have obtained a satisfactory percentage of marks, shall be held to have passed the Medical Preliminary in these subjects, provided that all the required subjects are passed at not more than two examinations.

It shall be at the Board's discretion at all times in the case of any candidate for the Medical Preliminary who professes all his four subjects at one time, and who has obtained in all a number of marks equivalent to the sum of the marks required for a pass in each, to allow such candidate a pass in the whole examination, provided that in no single subject he has obtained less than half of the marks required for a pass, and that the pass-mark be reached in the English paper. Special consideration is given, at the discretion of the Board, in the case of foreign candidates.

V. The Preliminary Examination shall be conducted in accordance with the provisions of Ordinance No. 13 (Regulations as to Examinations), and, subject to the provisions of the immediately succeeding section hereof, *a candidate shall be obliged to pass in all the required subjects at one or not more than two examinations; Provided that he may offer himself for re-examination as often as may be necessary to satisfy this condition.*<sup>1</sup>

The papers set in *Latin, Greek and Mathematics* will be the same as those set on the Lower Standard in the Arts Preliminary Examination.

LATIN and GREEK will comprise Grammatical Questions, Translation into English from Latin or Greek Authors not previously prescribed, and Translation of plain passages or easy sentences from English into Latin or Greek.

Candidates are required to satisfy the Examiners both in Composition and in Translation.

MATHEMATICS will comprise (1) Arithmetic, including Vulgar and Decimal Fractions, Proportion, Percentage, Square Root, Simple Interest; (2) Algebra, including Fractions, Factors, Square Root, Equations of the First Degree, Simultaneous Equations of the First Degree, Easy Quadratic Equations, Problems leading to the above Equations; (3) Geometry—Euclid, Books I., II., and III. (or their equivalents), with easy deductions. Demonstrations other than Euclid's will be accepted if they assume no propositions which in Euclid's order are subsequent to the proposition under consideration. The Joint Board has directed that each question in Geometry shall consist of two parts, of which one shall be an easy deduction or illustrative exercise on the proposition set as bookwork.

The paper in Mathematics on the Lower Standard will be devoted to the various subjects comprised in as nearly as possible the following proportions: four-ninths to Geometry, three-ninths to Algebra, and two-ninths to Arithmetic.

Candidates may obtain full marks by doing correctly about two-thirds of the questions set in each subject; but the Examiners will be entitled to reject a candidate who makes in any subject less than a certain minimum of the marks allotted to that subject.

*For Dates, etc., of Preliminary Examinations, see page 82.*

VI. A degree in Arts or in Science (not being a degree *honoris causa tantum*) in any of the Universities of the United Kingdom, or in any

<sup>1</sup> The words in *italics* are taken from Ordinance No. 156, Section I.



Colonial or Foreign University specially recognised for the purpose by the University Court, shall exempt from the Preliminary Examination; and the Joint-Board of Examiners appointed under the provisions of Ordinance No. 13 (Regulations as to Examinations) shall have power to determine what examinations, other than those for the degrees hereinbefore mentioned, shall be accepted, either in whole or in part, in place of the Preliminary Examination.<sup>1</sup>

The Joint-Board have issued the following rules under the heading:—  
Examinations accepted as exempting from the Preliminary Examination in Medicine: *Provided always that the regulations of the General Medical Council regarding the registration of students of Medicine be complied with:—*

1. In terms of the Medical Ordinances, “a degree in Arts or in Science (not being a degree *honoris causa tantum*) in any of the Universities of the United Kingdom, or in any Colonial or Foreign University, specially recognised for the purpose by the University Court, shall exempt from the Preliminary Examination.”

2. Any candidate who produces a certificate of having passed the Preliminary Examination in Arts or Science in any Scottish University, either at the University Examination or through the Leaving Certificate Examinations of the Scotch Education Department, or partly at the University Examination and partly through the Leaving Certificate Examinations, shall be held to have passed the Preliminary Examination for Medicine: *Provided* that the examination has included the specified subjects of General Education as required under the Regulations of the General Medical Council, and by Section III. of this ordinance.

3. A candidate who has passed the Arts and Science Preliminary Examination of the Joint-Board in any subject (Higher Standard where there is more than one) recognised for the Medical Preliminary Examination, shall be exempted from further examination in that subject in the aforesaid Preliminary Examination.

4. A candidate who passed in the Honours Grade, or who has passed in the Higher Grade in any subject of the Leaving Certificate Examinations of the Scotch Education Department recognised for the Medical Preliminary Examination shall be exempted from further examination in that subject in the aforesaid Preliminary Examination.

The regulation that all the subjects of the examination shall be passed at one or not more than two examinations shall not be held to apply to the above cases, 2, 3, and 4. But candidates complying with Rules 2, 3, and 4 must obtain a University Certificate specifying the examinations passed by them which have been accepted as equivalents to the Preliminary, and must present said certificate to the Medical Registrar in order to registration.

Further, each such candidate when applying for said certificate must, if he has not entered for any part of the Preliminary, produce a Matriculation Card from some one of the Scottish Universities.

<sup>1</sup> Applications for exemption on the ground of having passed examinations not included in the following list should be addressed to the Convener of the Board. As several Universities have to be consulted, a decision on a new case cannot be guaranteed in less time than from two to three weeks.



5. Passes in the lower Grade of the Leaving Certificate Examinations of the Scotch Education Department will not be accepted as exempting from the Medical Preliminary Examination unless the examinations in all the requisite subjects have been taken and passed at one or not more than two examinations.

The Intermediate Certificate of the Scotch Education Department shall be accepted in lieu of the Medical Preliminary Examination, provided that it includes the four requisite subjects. When all the necessary subjects are not included, passes in individual subjects may be accepted if the Department has notified to the Clerk of Senatus or to the Joint Board that a sufficient standard has been reached in such subjects.

6. The following English and Irish University Examinations will be accepted<sup>1</sup> (provided they include all the subjects required under the regulations of the General Medical Council, and prescribed by Section III. of this ordinance), viz.:—

OXFORD Responsions, or Moderations—provided the candidate pass the examination of the Joint-Board in English.

CAMBRIDGE Previous Examination—provided that candidates who have passed it prior to Michaelmas, 1896, shall pass the examination of the Joint-Board in English. If passed after Michaelmas, 1896, the Previous Examination will be accepted as exempting *in toto*.

OXFORD AND CAMBRIDGE SCHOOLS EXAMINATION BOARD.—The Passes in Latin, Greek, and Mathematics specified on p. 243, *Cal.*, as exempting from the Lower Standard in Arts and Science will exempt also from the Medical Preliminary in these subjects. The Pass in French or German for the Lower Certificate or for the 'School' or 'Leaving Certificate' will be accepted for a Pass in the Medical Preliminary in French or German. For English, the Board will accept (1) The Higher Certificate with English; (2) The 'School' or 'Leaving Certificate' in English, with *either* History or Geography; (3) The Lower Certificate in English, History, and Geography.

OXFORD Senior Local Examination will be accepted *pro tanto*, in subjects other than English; in English, if only a pass is offered, Composition must have been taken, with Literature or a Literary subject.

OXFORD Higher Local Examination will be accepted *pro tanto*.

CAMBRIDGE Senior Local Examinations will be accepted *pro tanto*, except that, in English, Composition must have been taken, with Literature or a Literary subject.

CAMBRIDGE Higher Local Examinations will be accepted *pro tanto*.

LONDON UNIVERSITY Matriculation Examination.

ROYAL UNIVERSITY OF IRELAND.—Matriculation Examination.

QUEEN'S UNIVERSITY OF BELFAST.—Matriculation Examination.

<sup>1</sup>The italicised words in Section V., page 61, shall be held to apply to the acceptance of these Examinations.



UNIVERSITIES OF MANCHESTER, LIVERPOOL, LEEDS, AND SHEFFIELD.—Joint Matriculation Examination (the whole examination must be passed, as required for admission to the Faculties of these Universities).

UNIVERSITY OF BIRMINGHAM Matriculation Examination will be accepted *pro tanto*.

By *pro tanto* is here meant that a certificate of having passed in the examination referred to, in any subject required for the Medical Preliminary Examination, shall, as regards that subject, exempt from further examination in the said Preliminary Examination, provided that all the remaining subjects shall be passed at one or not more than two examinations.

7. Provided the examinations include all the subjects required by the General Medical Council, and prescribed by the Medical Ordinances of the Scottish Universities Commissioners, see p. 304 of *Calendar*, Section III.—

#### BRITISH COLONIES AND DEPENDENCIES:—

Candidates from British Colonies and Possessions who present evidence that they have passed examinations which would admit them to Universities or to Technical Colleges affiliated to a University in their home country will be exempted, provided that the evidence shows that they possess a knowledge of English sufficient to enable them to follow the Lectures with profit.

#### CONTINENTAL COUNTRIES:—

Abiturienten-Examen, of (1) the Gymnasium, (2) Realgymnasium, and (3) Oberrealschule of Germany, and corresponding Entrance Examinations to the Universities of other countries will be accepted. [Students would do well to ascertain at the Office, Queen Margaret College, whether their Preliminary Examination is complete before beginning their medical studies.]

#### PROFESSIONAL EDUCATION.<sup>1</sup>

VII. Candidates shall be admitted to the Degree of Bachelor of Medicine and Bachelor of Surgery only after they have fulfilled the following conditions:—

1. The candidate must have been engaged in medical study for at least five years.
2. In each of the first four years the candidate must have attended at least two courses of instruction, in one or more of the subjects of study specified in Sub-section 4 hereof—each course extending over a session of not less than five months, either continuous or divided into two terms; or, alternatively, one such course, along with two courses, each extending over a session of not less than two and a half months.
3. During the fifth or final year the candidate shall be engaged in clinical study for at least nine months at one or more of such public hospitals or dispensaries, British or Foreign, as may be recognised for the purpose by the University Court.

<sup>1</sup> For Order of Study recommended, see p. 76.



4. The candidate must, during his curriculum, have attended a course or courses of instruction in each of the following subjects of study, including such examinations as may be prescribed in the various classes, viz. :—

1. ANATOMY, . . . . .	{ During a course of not less than five months.
2. PRACTICAL ANATOMY, . . . . .	{ During two courses of not less than five months each.
3. CHEMISTRY, . . . . .	{
4. MATERIA MEDICA and THERAPEUTICS, . . . . .	
5. PHYSIOLOGY OF INSTITUTES OF MEDICINE, . . . . .	
6. PRACTICE OF MEDICINE, . . . . .	
7. SURGERY, . . . . .	
8. MIDWIFERY and the DISEASES peculiar to WOMEN and INFANTS. Two courses of Midwifery, of three months each, provided different departments of Obstetric Medicine be taught in each of the courses, shall be reckoned equivalent to a course of not less than five months, . . . . .	{ During courses of not less than five months.
9. PATHOLOGY, . . . . .	{
10. PRACTICAL CHEMISTRY, . . . . .	
11. PHYSICS (including the DYNAMICS OF SOLIDS, LIQUIDS, and GASES, and the RUDIMENTS OF SOUND, HEAT, LIGHT, and ELECTRICITY), . . . . .	
12. ELEMENTARY BOTANY, . . . . .	
13. ELEMENTARY ZOOLOGY, . . . . .	
14. PRACTICAL PHYSIOLOGY, . . . . .	
15. PRACTICAL PATHOLOGY, . . . . .	
16. MEDICAL JURISPRUDENCE and PUBLIC HEALTH, . . . . .	{ During courses of not less than two and a half months.

Provided always, in so far as regards the University of Glasgow, that—

(a) It shall be the duty of the Senatus to determine from time to time [after receiving through the Faculty of Medicine the opinion of the Board of Studies] the number of meetings of which such courses shall consist, and in what cases two half courses shall be deemed equivalent to a full course; and to report the determination to the University Court for its approval.<sup>1</sup>

(b) It shall be the duty of the Professors and Lecturers to submit to the Senatus [after 1st October, 1894, the Board of Studies] annually at the end of the winter session a scheme specifying what proportion of the courses shall be devoted to lectures, practical demonstrations, examinations, and tutorial work respectively. [The Board of Studies shall transmit the schemes to the Faculty of Medicine, who shall submit them to the Senate with such observations as they may think fit to make thereon.] The Senatus shall transmit such schemes, with such observations as it may think fit to make thereon, to the University Court for its approval.<sup>1</sup>

(c) The University Court shall not grant or continue recognition to any institutions or teachers unless it shall be satisfied that their

<sup>1</sup>The Universities Commission, on 18th November, 1893, ordained that for the better carrying out of the purposes of these provisos the Senate should institute a board or Boards of Studies in the Faculty of Medicine. See Section I., Ordinance No. 42, which received the approval of Her Majesty in Council on 28th May, 1894. The provisions of this supplementary ordinance have, in the text, been combined with the provisions of the original ordinance, by means of square brackets.



courses of instruction are equivalent to the courses sanctioned in the Universities of Scotland.

5. The candidate must have attended for at least three years the Medical and Surgical Practice of a General Hospital at Glasgow or elsewhere, which accommodates not fewer than eighty patients, and possesses a distinct staff of physicians and surgeons, and is recognised for the purpose by the University Court.<sup>1</sup>
6. The candidate must have attended Clinical Surgery during a course or courses extending over not less than nine months. These courses may be conducted by the Professor of Clinical Surgery, or by Professors or Lecturers appointed for the purpose by the University Court, or by the ordinary surgeons of a general hospital defined and recognised as hereinbefore provided, and shall consist of regular instruction at the bedside, along with Clinical Lectures.
7. The candidate must have attended Clinical Medicine during a course or courses extending over not less than nine months. These courses may be conducted by the Professor of Clinical Medicine, or by Professors or Lecturers appointed for the purpose by the University Court, or by the ordinary physicians of a general hospital defined and recognised as hereinbefore provided, and shall consist of regular instruction at the bedside, along with Clinical Lectures.
8. The candidate must have attended a course of instruction in Mental Diseases, of such duration, and so apportioned between lectures, demonstrations, and clinical instruction, as the Senatus, with the approval of the University Court, may from time to time determine.  
Under this sub-section the Senate, with the approval of the University Court, has determined that each candidate for the Degree of M.B. and Ch.B. shall be required to attend a course of instruction in Mental Diseases, given by the University Lecturer or by a recognised teacher, consisting of not less than eighteen meetings. Six of these may be class-room lectures, and the others shall be demonstrations in the wards of an asylum for the insane.
9. The candidate must have attended a course of twenty-five meetings on Practical Pharmacy in a University or recognised School of Medicine, or have dispensed drugs for a period of three months in an hospital or dispensary, or in an establishment recognised by the Pharmaceutical Society, *i.e. in the establishment of any chemist and druggist or pharmaceutical chemist of Great Britain or any pharmaceutical chemist of Ireland, who is registered in the books of the Pharmaceutical Society of Great Britain or of the Pharmaceutical Society of Ireland respectively.*<sup>2</sup>
10. The candidate must have attended, for at least six months, by apprenticeship or otherwise, the out-practice of an hospital, or

<sup>1</sup> On 7th October, 1892, the University Court recognised every General Hospital in the United Kingdom which accommodates not fewer than eighty patients, and possesses a distinct staff of physicians and surgeons.

<sup>2</sup> The explanatory words in italics are taken from Ordinance No. 54, Section II issued by the Universities Commission on 18th July, 1894, which came into operation on 11th May, 1895, having been on that date approved by Her Majesty in Council.



the practice of a dispensary, or of a physician or surgeon, or of a member of the London or Dublin Society of Apothecaries. He must have acted as clerk in the medical and dresser in the surgical wards of a public hospital; and must also have availed himself, to such an extent as may be required by the Senatus, with the approval of the University Court, of opportunities of studying at an hospital or dispensary *Post-mortem* Examinations, Fevers, Diseases of Children, Ophthalmology, or such other special departments as may from time to time be determined.

Under this sub-section the Senate, with the approval of the University Court, has determined as follows:—

A. Each candidate for M.B. and Ch.B. shall be required to attend—

1. Demonstrations in the *post-mortem* room of a recognised hospital, with practical instruction in making *post-mortem* examinations. The student must have attended during his curriculum at least twenty examinations.
2. A course of clinical instruction in Fevers, consisting of at least ten meetings in a hospital for infectious diseases containing not less than fifty beds.
3. A practical course of instruction in Ophthalmology of not less than twenty meetings. Six of these may be classroom lectures, and the others shall be for clinical instruction in the wards of a recognised hospital,<sup>1</sup> or in the wards of a hospital and in a dispensary both recognised for the purpose. The course shall include sufficient practical instruction in the methods of examining the eye.

B. Each candidate is also recommended to attend the following:—(a) Diseases of Children, (b) Diseases of the Ear, (c) Diseases of the Throat and Nose, and (d) Diseases of the Skin, in short practical courses of ten meetings.

*N.B.*—This is not to be understood as preventing a teacher in any speciality giving a fuller course to such students as may desire to follow out more fully any particular branch.

11. The candidate must have attended, under the superintendence of a registered medical practitioner, twelve<sup>2</sup> cases of labour, or such additional number as the Senatus, with the sanction of the University Court, may from time to time determine; or have attended for three months the practice of a lying-in hospital, or of the maternity department of a general hospital or other public charitable institution, and have conducted personally six, or such an additional number of cases of labour as the Senatus, with the approval of the University Court, may from time to time determine.

<sup>1</sup> This means a hospital recognised *ad hoc*, after application to the University Court each case.

<sup>2</sup> The Senatus, with the sanction, on 11th June, 1908, of the University Court, determined to substitute the word "twenty" for the word "twelve." Of the twenty cases twelve at least must be attended independently. [This applies to students who began their medical studies on or after 1st October, 1908.]



12. The candidate must have been properly instructed in Vaccination at a Public Vaccination Station, by a Public Vaccinator, authorised by the proper Government Authority to grant Certificates of Proficiency in Vaccination.<sup>1</sup>
13. No candidate for a degree shall be deemed to have attended a class as part of the curriculum necessary for that degree who does not present a certificate bearing not only that he has given regular attendance, but also that he has duly performed the work of the class.

VIII. With respect to the places and institutions at which the studies of the candidate may be prosecuted, the following regulations shall have effect :

1. Two of the five years of medical study must be spent in the University of Glasgow, each year of study including always the attendances specified in Section VII., sub-section 2.
2. The remaining three years may be spent in any University of the United Kingdom, or in any Indian, Colonial, or Foreign University recognised for the purpose by the University Court, or in such medical schools or under such teachers as may be recognised for the purpose by the University Court, each year of study during the first four years including always the attendances specified in Section VII., sub-section 2.
3. Of the subjects of study specified in Section VII., sub-section 4, not less than eight must be taken in the University of Glasgow, or (subject always to the provisions as to attendance contained in the immediately preceding sub-sections) in some other University of the United Kingdom, or in some Foreign or Colonial University entitled to confer the Degree of Doctor of Medicine recognised for the purpose by the University Court, or in a College incorporated with, or affiliated to a University entitled to confer the Degree of Doctor of Medicine recognised for the purpose by the University Court: Provided always that where in any of said subjects of study two or more courses are required, the taking of one of those courses shall constitute a taking of the subject for the purpose of this sub-section.
4. The remainder of such subjects of study may (subject always as afore said) be taken in such medical schools or under such teachers as may be recognised for the purpose by the University Court.
5. All candidates, not Matriculated Students of the University availing themselves of the permission to attend the Lectures of Extra-Academical Teachers in Glasgow, must, at the commencement of each year of such attendance, enrol their names in book to be kept in the University for that purpose, paying a fee of the same amount as the Matriculation Fee paid by students of the University, and having, in respect of such payment, a right to the use of the Library of the University.

<sup>1</sup>The recognised Vaccine Departments in Glasgow are—Western Infirmary and Royal Infirmary.



6. The fee for attendance, for purposes of graduation, on the courses of instruction of recognised Extra-Academical Teachers in Glasgow shall be not less than the amount exigible for the corresponding courses in the University.
7. The University Court shall not recognise as qualifying for examination in any of the subjects specified in Section VII., sub-section 4, the class of any teacher who is at the time a teacher of more than one of the said subjects, except in those cases where Professors in the University are at liberty to teach two subjects: Provided always that a Professor or other teacher in any endowed public College or institution, who by the terms of his appointment is required to teach more than one subject of medical study therein, may be recognised under sub-section 2 of this section, as a teacher of any one of the subjects which he teaches.
8. A teacher, attendance on whose course of instruction shall, before the date of the approval of this ordinance by Her Majesty in Council, have been recognised for the purposes of graduation in the University, shall not require to obtain a new recognition from the University Court; and attendance on the course of instruction of every such teacher may continue to be recognised as heretofore.
9. It shall be in the power of the University Court, if it shall see cause, at any time to withdraw or suspend any recognition which it may have granted.

IX. In the University of Glasgow it shall be the duty of the Professors of the subjects specified in Section VII., sub-section 4, hereof (except Practical Anatomy and such other subjects as the Senatus, with the approval of the University Court, may from time to time determine), so to conduct the courses that Students may receive instruction sufficient for graduation in any one of the said subjects by attendance on one course of five or six months, or of two and a half or three months, as the case may be.<sup>1</sup>

X. If any candidate shall, before presenting himself for his Preliminary Examination, have attended in any University of the United Kingdom, or in any University or Institution specially approved, or under any Teacher specially recognised for the purpose by the University Court, a course or courses of instruction in Physics, Chemistry, Botany, or Zoology, equivalent in the judgment of the Senatus to the qualifying course in the same subject in the University of Glasgow,

<sup>1</sup> Doubt being entertained as to the construction of this Section, the question was submitted to the Universities Commissioners, and evoked from them the following deliverance:—

It is not intended to require of the Professor a complete course of instruction by lectures during each session, or to limit the examinations for degrees to subjects which shall be discussed in the lectures of the Professor at the time that the student attended the course. The word "instruction," as used in this Section, is to be held to include lectures upon such parts of the subject as the Professor may be able to undertake, supplemented by directions as to the use of text-books or other sources of information for the remainder of the subject: and it is also intended that the examinations may be taken over the whole field, even when the Professor has not been able to include it all in his course of lectures.



such attendance shall (notwithstanding anything hereinbefore ordained) be held as entitling him to be examined in these subjects; and if the candidate shall have attended such course or courses in each of the said subjects, he shall be held to have completed his first year of Medical Study: Provided always that the evidence of such attendance at such equivalent course or courses shall be presented to the Senatus at the time when the candidate presents himself for his Preliminary Examination; and the Senatus shall, if satisfied, grant a certificate to that effect: Provided also that *the provisions of this section shall not have effect except where the University Court shall allow their application after a report by the Senatus Academicus, setting forth special grounds therefor in the case of any candidate named in the report.*<sup>1</sup>

PROFESSIONAL EXAMINATION FOR THE DEGREES OF BACHELOR OF MEDICINE AND BACHELOR OF SURGERY.<sup>2</sup>

XI. Each candidate shall be examined both in writing and orally, and also clinically where the nature of the subject admits, in the following divisions, viz.:—*First*, in Botany, Zoology, Physics, and Chemistry; *Second*, in Anatomy, Physiology, and Materia Medica and Therapeutics; *Third*, in Pathology, and Medical Jurisprudence and Public Health; *Fourth*, in Surgery and Clinical Surgery, Practice of Medicine and Clinical Medicine, and Midwifery.

In subjects which admit of practical instruction, the examination shall be such as to test the practical acquirements of the candidate.

Provided always that if a candidate have obtained in a University of the United Kingdom, or other University specially recognised for the purpose by the University Court, a degree in Science or in Arts, granted in either case after a course of study and an examination in Botany, Zoology, Physics, and Chemistry, he shall be held to have passed his examinations in the said subjects.

Provided also that *if a candidate have completed in a University of the United Kingdom a course of study and passed an examination in Botany, Zoology, Physics, or Chemistry qualifying for a degree in Science or in Arts, he shall be held to have passed the examinations in such subject or subjects.*

*If a candidate have obtained a degree in Science or in Arts in any University other than a University of the United Kingdom, granted in either case after a course of study and an examination in Botany, Zoology, Physics, or Chemistry, it shall be in the power of the University Court to exempt such candidate from the examinations in such subject or subjects: Provided that the course of study and the standard of examination in each case are satisfactory in the judgment of the Senatus Academicus.*<sup>3</sup>

XII. Candidates who profess themselves ready to submit to an examination in the subjects comprised in the first division, viz.:—Botany,

<sup>1</sup> The proviso in italics is taken from Ordinance No. 54, Section V., issued by the Universities Commission on 18th July, 1894, which came into operation on 11th May, 1895, having been on that date approved by Her Majesty in Council.

<sup>2</sup> For Table of Fees and Dates of Examinations, see page 83.

<sup>3</sup> The words in italics are taken from Ordinance No. 54, Sections III. and IV., issued by the Universities Commission on 18th July, 1894, which came into operation on 11th May, 1895, having been on that date approved by Her Majesty in Council.



Zoology, Physics, and Chemistry, may be admitted to examination in all or any two of these subjects at any examination held after they have attended a full course in each of the subjects professed.

XIII. Candidates who have passed their examination in the subjects comprised in the first division may be admitted to examination in the second division at the end of the third winter session.

Provided that candidates who so desire may postpone their examination in Materia Medica and Therapeutics until the close of the summer session following.

XIV. Candidates who have passed their examinations in the subjects comprised in the first and second divisions may be admitted to examination in the third division at the end of the fourth winter session.

Provided that candidates who so desire may postpone their examination in Medical Jurisprudence and Public Health until the close of the summer session following.

XV. Candidates who have passed their examinations in the subjects comprised in the first, second, and third divisions may be admitted to examination in the fourth or final division when they have completed the fifth year of study.

XVI. If any candidate at these examinations be found unqualified in one or more subjects he shall not again be admitted to examination unless he has pursued his medical studies for such time, and subject to such conditions, as the Faculty of Medicine may prescribe.

Under this section the Faculty of Medicine, with the sanction of the Senate, has laid down the following rule: No student, who in the Final Professional Examination has been found unqualified in any subject, shall be re-admitted to examination without furnishing evidence of having further studied that subject for such a period as the Examiners may fix.

XVII. If any candidate at these examinations be found to have passed one or more subjects with sufficient merit, he shall not be liable to re-examination in such subject or subjects, although he may have been found unqualified in a subject or subjects comprised in the same division hereinbefore specified.

XVIII. Every candidate must deliver, on or before such day as the Senatus may from time to time determine, to the Dean of the Faculty of Medicine, a declaration, in his own handwriting, that he has completed his twenty-first year, or that he will have completed it on or before the day of graduation, and that he will not be, on the day of graduation, under articles of apprenticeship to any surgeon or other master.

XIX. After the candidate has satisfied the Examiners, the Dean of the Faculty of Medicine shall lay the proceedings before the Senatus, whose authority the candidate shall be admitted, on such day as the Senatus may from time to time appoint, to the Degrees of Bachelor of Medicine and Bachelor of Surgery, on payment of the required fees.<sup>1</sup>

XX. Candidates for graduation shall produce evidence of their having conformed to the regulations which were in force at the time they com-

<sup>1</sup> For Table of Fees and Dates of Examination, see page 83.



menced their medical studies: Provided that any student who began his medical studies before 1st January, 1892, shall be entitled to graduate under the system in force before or after that date, according as he shall comply with the regulations in force in the University before<sup>1</sup> or after that date.

#### PROFESSIONAL EXAMINATION FOR THE DEGREE OF DOCTOR OF MEDICINE.

- XXI. 1. Subject to the conditions hereinafter specified, the Degree of Doctor of Medicine shall be conferred on any candidate who has obtained the Degrees of Bachelor of Medicine and Bachelor of Surgery of the University of Glasgow, and is of the age of twenty-four years or upwards, and has produced a certificate of having been engaged subsequently to having received the Degrees of Bachelor of Medicine and Bachelor of Surgery for at least one year in attendance in the Medical Wards of an Hospital, or in scientific work bearing directly on his profession, such as is conducted in the Research Laboratories of the University, or in the Military or Naval Medical Services, or for at least two years in Practice other than Practice restricted to Surgery.
2. Each candidate for the Degree of Doctor of Medicine shall be required to pass an examination in Clinical Medicine and in such of its special departments as the Senatus, with the approval of the University Court, by Regulations framed from time to time, shall determine; and he may present himself for examination in Clinical Medicine at any period of examination subsequent to one year after he has received the Degrees of Bachelor of Medicine and Bachelor of Surgery.

Under this sub-section the following regulations have been framed by the Senatus, and approved by the University Court:—The Examination in Clinical Medicine for the Degree of Doctor of Medicine shall for each candidate consist of a written Report and Commentary, with any oral questions that may be considered desirable, upon at least three Medical cases. In the selection of the cases, special regard shall be given to the opportunities they afford for testing the candidate, not only in the ordinary methods of clinical investigation, but also in the more advanced methods requiring practical knowledge in the applications of the ophthalmoscope and laryngoscope, in the chemical and microscopical examination of excreta, the quantitative determination and microscopic characters of the chief constituents of blood possessing clinical importance, the recording by instruments of the condition of the circulation, the applications of electricity, etc.

Provided always that one of the cases on which a candidate is examined may, if the candidate on entering his name for the Examination declare a wish to that effect, be from one of the following departments, namely, Diseases of Women, Diseases of Children, Mental Diseases, Zymotic Diseases, Diseases of the Eye, Diseases of the Throat, Diseases of the Ear, Diseases of the Skin

<sup>1</sup> These regulations may be found at pp. 188—192 of the *University Calendar* for session 1895-96, and in the *Calendars* for preceding sessions.



Should the candidate specialise in one of these departments he will be expected to show high proficiency in it.

The examinations for M.D. will be held in the month of October, each Session. Candidates must enter their names and lodge their Theses with the Assistant Clerk (Matriculation Office), on or before 1st June.

3. Each candidate for the Degree of Doctor of Medicine shall submit for the approval of the Faculty of Medicine a Thesis on any branch of knowledge comprised in the second, third, or fourth examinations for the Degrees of Bachelor of Medicine and Bachelor of Surgery, which he may have made a subject of study after having received those Degrees, excepting subjects which are exclusively Surgical; and the Thesis, accompanied by a declaration signed by the candidate, that the work has been done and the Thesis composed by himself,<sup>1</sup> shall be lodged with the Dean of the Faculty of Medicine (at the Matriculation Office) on or before a date to be fixed by the Senatus (2nd June).
4. A Bachelor of Medicine and Bachelor of Surgery, who produces to the Senatus satisfactory evidence of his intention of entering within twelve months after obtaining such degrees on the practice of his profession in a British Possession or Colony, or in a foreign Country, may, under Regulations to be framed by the Senatus, be admitted to the examination in Clinical Medicine at any period of examination after he has received such degrees; but the Degree of Doctor of Medicine shall not be conferred on him unless he shall produce a certificate that, subsequently to having received the Degrees of Bachelor of Medicine and Bachelor of Surgery, he has been engaged for at least one year in attendance in the Medical Wards of an Hospital, or in scientific work bearing directly on his profession, such as is conducted in the Research Laboratories of the University, or in the Naval or Military Medical Services, or for at least two years in Practice which has not been exclusively surgical, and unless his Thesis in the judgment of the Faculty of Medicine is of exceptional merit.

*Bachelors of Medicine and Masters of Surgery of the University of Glasgow, who have graduated under the regulations in force before the fifth day of August, 1892, may proceed to the Degree of Doctor of Medicine under the provisions of this section, in the same manner as if they held the Degree of Bachelor of Surgery.*<sup>2</sup>

<sup>1</sup> The Faculty of Medicine give notice that no Thesis will be approved unless it gives evidence of original observation, or, if it deal with the researches of others, gives a full statement of the literature of the question, with accurate references and critical investigation of the views or facts cited: mere compilations will in no case be accepted.

The Senate, on 3rd June, 1909, resolved as follows:—In future a Thesis to be eligible as a Thesis for the Degree of M.D. shall be a dissertation written for the purpose, provided that the results of original observations already published in medical or scientific journals or in the transactions of learned societies or otherwise may be accepted in place of such a dissertation; as heretofore, the Thesis as submitted shall become the property of the University, and shall be deposited in the University Library.

<sup>2</sup> Taken from Ordinance No. 54, Section VI., which was issued by the Universities Commissioners on 18th July, 1894, and came into operation on 11th May, 1895, having on that date been approved by Her Majesty in Council.



## PROFESSIONAL EXAMINATION FOR DEGREE OF MASTER OF SURGERY.

XXII. 1. Subject to the conditions hereinafter specified the Degree of Master of Surgery shall be conferred on any candidate who has obtained the Degrees of Bachelor of Medicine and Bachelor of Surgery of the University of Glasgow, and is of the age of twenty-four years or upwards, and has produced a certificate of having been engaged, subsequently to his having received the Degrees of Bachelor of Medicine and Bachelor of Surgery, for at least one year in attendance in the Surgical Wards of an Hospital, or in scientific work bearing directly on his profession, such as is conducted in the Research Laboratories of the University, or in the Military or Naval Medical Services, or for at least two years in practice other than practice restricted to Medicine.

2. Each candidate for the Degree of Master of Surgery shall be required to pass an examination in the following subjects:—Surgical Anatomy, Operations upon the dead body, and Clinical Surgery, and in such of the special departments of Clinical Surgery as the Senatus, with the approval of the University Court, by Regulations framed from time to time, may determine; and he may present himself for examination in these subjects at any period of examination subsequent to one year after he has received the Degrees of Bachelor of Medicine and Bachelor of Surgery.

Under this sub-section the following regulations have been framed by the Senatus, and approved by the University Court:—The Examination in Clinical Surgery for the Degree of Master of Surgery shall for each candidate consist of a written Report and Commentary, with any oral questions that may be considered desirable on at least three Surgical cases.

Provided that one of the three Surgical cases on which a candidate is examined shall, if the candidate on entering his name for the Examination declare a wish to that effect, be from one of the following departments, namely, Surgical Diseases of Women, Diseases of the Throat, Diseases of the Eye, Diseases of the Ear. Should the candidate specialise in one of these departments he will be expected to show high proficiency in it.

3. Each candidate for the Degree of Master of Surgery shall submit for the approval of the Faculty of Medicine a Thesis on any branch of knowledge comprised in the second, third, or fourth Examinations for the Degrees of Bachelor of Medicine and Bachelor of Surgery, which he may have made a subject of study after having received those Degrees; excepting subjects that are exclusively medical; and the Thesis, accompanied by a declaration signed by the candidate that the work has been done and the Thesis composed by himself<sup>1</sup>, shall be lodged with the Dean of the Faculty of Medicine on or before a date to be fixed by the Senatus.
4. A Bachelor of Medicine and Bachelor of Surgery who produces to the Senatus satisfactory evidence of his intention of entering,

<sup>1</sup> See footnote on page 55.



within twelve months after obtaining such degrees, on the practice of his profession in a British Possession or Colony, or in a foreign Country, may, under Regulations to be framed by the Senatus, be admitted to examination in the subjects specified in Sub-section 2 of this section, at any period of examination after he has received such degrees; but the Degree of Master of Surgery shall not be conferred on him unless he shall produce a certificate that, subsequently to having received the Degrees of Bachelor of Medicine and Bachelor of Surgery, he has been engaged for at least one year in attendance in the Surgical Wards of an Hospital, or in scientific work bearing directly on his profession, such as is conducted in the Research Laboratories of the University, or in the Naval or Military Medical Services, or for at least two years in Practice which has not been exclusively medical, and unless his Thesis, in the judgment of the Faculty of Medicine, is of exceptional merit.

#### FEES.

XXIII. The fee to be paid for the Degrees of Bachelor of Medicine and Bachelor of Surgery shall be twenty-two guineas, and the proportion of this sum to be paid by a candidate at each division of the examination shall be regulated from time to time by the University Court. The fee to be paid for the Degree of Doctor of Medicine shall be ten guineas, exclusive of any stamp duty which for the time may be exigible. The fee to be paid for the Degree of Master of Surgery shall be ten guineas.

#### EXAMINERS.

XXIV. The Examiners for graduation in Medicine in the University of Glasgow shall be the Professors in that University, together with such Lecturers in the University and such additional Examiners, to be appointed by the University Court, as the University Court shall deem necessary: Provided that the Court shall make such provisions as will ensure that every candidate shall be examined in each subject by at least two Examiners, of whom one shall not be a Professor or Lecturer in the University. The examinations shall be conducted in writing and orally and also clinically, when the nature of the subject admits, under regulations framed by the Senatus subject to the approval of the University Court.



## CURRICULUM OF STUDY RECOMMENDED, WITH COLLEGE AND HOSPITAL FEES.

The Class and Hospital Fees, for the subjects enjoined by Ordinance as constituting a Five Years' Course of Study and Clinical Work, will amount to, say, £133 10s. 6d. To this must be added the University matriculation fees, viz., £1 1s. for each of five years, and the fees for the Degree Examinations, amounting to £23 2s., making a total of, say, £161 17s. 6d.

### CURRICULUM FOR M.B. AND CH.B. OF GLASGOW UNIVERSITY.

*Order of Study recommended by the Senate, according to  
New Regulations.*

Students completing their course under the Old Medical Ordinance should consult the Tutor in Medicine regarding their curriculum, which will differ from the following in certain details.

Students who propose taking these Degrees may begin their medical studies either in April or in October.

#### FOR STUDENTS COMMENCING IN SUMMER.

Academical  
Year.

##### I. *Third (Summer) Term—*

Physics, . . . . .	£3	3	0	
Practical Physics, . . . . .	2	2	0	
Botany, . . . . .	4	4	0	
Practical Botany, . . . . .	3	3	0	
	<hr/>			£12 12 0

*First Professional Examination (part)—Botany and Physics.*

##### II. *First (Winter) Term—*

Zoology, . . . . .	£4	4	0	
Practical Zoology, . . . . .	3	3	0	
Chemistry, . . . . .	4	4	0	
Practical Chemistry, . . . . .	5	5	0	
	<hr/>			£16 16 0



Academical  
Year.*Second (Winter) Term—*

Chemistry, . . . . .	£	—	
Practical Chemistry, . . . . .		—	
Anatomy, . . . . .	2	2	0
Practical Anatomy, . . . . .	3	3	0
			£5 5 0

*First Professional Examination (part)—Zoology and Chemistry.**Third (Summer) Term—*

Practical Anatomy, . . . . .	£2	12	6
<sup>1</sup> Practical Physiology (Histology), . . . . .	4	4	0
			£6 16 6

III. *First (Winter) Term—*

Anatomy, . . . . .	£2	2	0
Practical Anatomy, . . . . .	3	3	0
Physiology, . . . . .	4	4	0
<sup>2</sup> Practical Physiology, . . . . .		—	
			£9 9 0

*Second (Winter) Term—*

Practical Anatomy, . . . . .	£3	3	0
Physiology, . . . . .		—	
<sup>2</sup> Practical Physiology, . . . . .		—	
			£3 3 0

*Third (Summer) Term—*

Practical Anatomy with Embryology, . . . . .	£3	13	6
Pharmacy, . . . . .	3	3	0
Clinical Surgery (1 term), . . . . .	1	15	0
<sup>3</sup> Royal Infirmary Fee (1 term), . . . . .	1	1	0
			£9 12 6

*Second Professional Examination—Anatomy and Physiology.*IV. *First and Second (Winter) Terms—*

Materia Medica, . . . . .	£4	4	0
Pathology, . . . . .	4	4	0
<sup>4</sup> Surgery, . . . . .	4	4	0
Clinical Surgery (2 terms), . . . . .	3	10	0
Post-Mortem Examinations.			
<sup>3</sup> Royal Infirmary Fee (2 terms), . . . . .	2	2	0
			£18 4 0

<sup>1</sup> The fee for Histology includes Practical Physiology in the following winter terms.<sup>2</sup> The fee for Practical Physiology is included in Histology in the previous summer term.<sup>3</sup> For the different ways of paying the Royal Infirmary Fee, see under Hospital Fees—Royal Infirmary, p. 41.<sup>4</sup> May be attended only by those who have passed the Second Professional Examination



Academical  
Year.*Third (Summer) Term—*

Practical Pathology, . . . . .	£3	3	0
Vaccination, . . . . .	1	1	0
Insanity, . . . . .	2	2	0
Clinical Medicine (1 term), . . . . .	1	15	0
<sup>1</sup> Royal Infirmary Fee (1 term), . . . . .	1	1	0
			£9 2 0

*Third Professional Examination—Materia Medica and Pathology.*V. *First and Second (Winter) Terms—*

Medicine, . . . . .	£4	4	0
Clinical Medicine (2 terms), . . . . .	3	10	0
<sup>2</sup> Surgery, . . . . .	—		
Midwifery, . . . . .	4	4	0
Dispensary.			
<sup>1</sup> Royal Infirmary Fee (2 terms), . . . . .	2	2	0
			£14 0 0

*Third (Summer) Term—*

Medical Jurisprudence and Public Health, . . . . .	£4	4	0
Hospital Work, say, . . . . .	1	15	0
<sup>1</sup> Royal Infirmary Fee (1 term), . . . . .	1	1	0
			£7 0 0

*Final Professional Examination (part)—Medical Jurisprudence and Public Health.*VI. *First and Second (Winter) Terms—*

Hospital Work, say, . . . . .	£3	10	0
Practical Courses in Special Subjects.			£3 10 0

In addition to the courses specified above, each candidate must attend the following during the last six terms of the curriculum :

Operative Surgery, . . . . .	£3	3	0
Practical Gynaecology (1 term), . . . . .	1	15	0
Diseases of Children, . . . . .	1	1	0
Ophthalmology, . . . . .	2	2	0
Diseases of the Ear, . . . . .	1	1	0
Diseases of the Throat and Nose, . . . . .	1	1	0
Dermatology, . . . . .	1	11	6
Infectious Diseases, . . . . .	1	1	0
Practical Midwifery (Maternity Hospital), . . . . .	5	5	0
			£18 0 6

*Final Professional Examination (part)—Medicine, Surgery, and Midwifery.*

<sup>1</sup> For the different ways of paying the Royal Infirmary Fee, see under Hospital Fees—Royal Infirmary, p. 41.

<sup>2</sup> If not already taken.



## FOR STUDENTS COMMENCING IN WINTER.

Academical  
Year.I. *First (Winter) Term—*

Zoology, . . . . .	£4	4	0
Practical Zoology, . . . . .	3	3	0
Chemistry, . . . . .	4	4	0
Practical Chemistry, . . . . .	5	5	0
	<hr/> £16 16 0		

*Second (Winter) Term—*

Chemistry, . . . . .	£	—	
Practical Chemistry, . . . . .		—	
Anatomy, . . . . .	2	2	0
Practical Anatomy, . . . . .	3	3	0
	<hr/> £5 5 0		

*First Professional Examination (part)—Chemistry and Zoology.**Third (Summer) Term—*

Botany, . . . . .	£4	4	0
Practical Botany, . . . . .	3	3	0
Physics, . . . . .	3	3	0
Practical Physics, . . . . .	2	2	0
Practical Anatomy, . . . . .	2	12	6
	<hr/> £15 4 6		

*First Professional Examination (part)—Botany and Physics.*II. *First (Winter) Term—*

Physiology, . . . . .	£4	4	0
<sup>1</sup> Practical Physiology, . . . . .	4	4	0
Anatomy, . . . . .	2	2	0
Practical Anatomy, . . . . .	3	3	0
	<hr/> £13 13 0		

*Second (Winter) Term—*

Physiology, . . . . .	£	—	
Practical Physiology, . . . . .		—	
Practical Anatomy, . . . . .	3	3	0
	<hr/> £3 3 0		

<sup>1</sup>The fee for Practical Physiology includes Histology in the following summer term.



Academical  
Year.

*Third (Summer) Term—*

Pharmacy, . . . . .	£3 3 0	
<sup>1</sup> Practical Physiology (Histology), . . . . .	—	
Practical Anatomy with Embryology, . . . . .	3 13 6	
	<hr/>	£6 16 6

*Second Professional Examination—Anatomy and Physiology.*

III. *First and Second (Winter) Terms—*

Materia Medica, . . . . .	£4 4 0	
Pathology, . . . . .	4 4 0	
<sup>2</sup> Surgery, . . . . .	4 4 0	
Clinical Surgery (2 terms), . . . . .	3 10 0	
Post-Mortem Examinations.		
<sup>3</sup> Royal Infirmary Fee (2 terms), . . . . .	2 2 0	
	<hr/>	£18 4 0

*Third (Summer) Term—*

Practical Pathology, . . . . .	£3 3 0	
Vaccination, . . . . .	1 1 0	
Insanity, . . . . .	2 2 0	
Clinical Medicine (1 term), . . . . .	1 15 0	
<sup>3</sup> Royal Infirmary Fee (1 term), . . . . .	1 1 0	
	<hr/>	£9 2 0

*Third Professional Examination—Materia Medica and Pathology.*

IV. *First and Second (Winter) Terms—*

Medicine, . . . . .	£4 4 0	
Clinical Medicine (2 terms), . . . . .	3 10 0	
<sup>4</sup> Surgery, . . . . .	—	
Midwifery, . . . . .	4 4 0	
Dispensary.		
<sup>3</sup> Royal Infirmary Fee (2 terms), . . . . .	2 2 0	
	<hr/>	£14 0 0

<sup>1</sup> The fee for Histology is included in Practical Physiology in the previous winter terms.

<sup>2</sup> May be attended only by those who have passed the Second Professional Examination.

<sup>3</sup> For the different methods of paying the Royal Infirmary Fee, see under Hospital Fees—Royal Infirmary, p. 41.

<sup>4</sup> If not already taken.



Academical  
Year.

*Third (Summer) Term—*

Clinical Surgery (1 term), . . . .	£1 15 0	
Medical Jurisprudence and Public Health, . . . .	4 4 0	
<sup>1</sup> Royal Infirmary Fee (1 term), . . . .	1 1 0	
	<hr/>	£7 0 0

*Final Professional Examination (part)—Medical Jurisprudence and Public Health.*

*V. First, Second, and Third Terms—*

Hospital Work, say, . . . . .	£5 5 0	
Practical Courses in Special Subjects.		
<sup>1</sup> Royal Infirmary Fee (1 term), . . . .	1 1 0	
	<hr/>	£6 6 0

In addition to the courses specified above, each candidate must attend the following during the last six terms of the curriculum :

Operative Surgery, . . . . .	£3 3 0	
Practical Gynaecology (1 term), . . . .	1 15 0	
Diseases of Children, . . . . .	1 1 0	
Ophthalmology, . . . . .	2 2 0	
Diseases of the Ear, . . . . .	1 1 0	
Diseases of the Throat and Nose, . . . .	1 1 0	
Dermatology, . . . . .	1 11 6	
Infectious Diseases, . . . . .	1 1 0	
Practical Midwifery (Maternity Hospital), . . . .	5 5 0	
	<hr/>	£18 0 6

*Final Professional Examination—Medicine, Surgery, and Midwifery.*

<sup>1</sup> For the different methods of paying the Royal Infirmary Fee, see under Hospital Fees—Royal Infirmary, p. 41.



TABLE OF PRELIMINARY EXAMINATIONS FOR DEGREES IN MEDICINE TO BE HELD DURING  
SESSION 1912-13.

Fee. <sup>3</sup>	Names to be given in and Fees paid to the Mistress, Queen Margaret College. <sup>1</sup> Date. <sup>2</sup>	Subjects.	Dates and Hours of Examinations.	
			September, 1912.	March, 1913.
.	August 23rd, 1912. or February 21st, 1913.	English, - - -	Friday, Sept. 13th,	Friday, March 14th,
		Latin, - - -	Friday, Sept. 13th,	Friday, March 14th,
		Greek, - - -	Saturday, Sept. 14th,	Saturday, March 15th,
		Mathematics, -	Monday, Sept. 16th,	Monday, March 17th,
		French, - - -	Tuesday, Sept. 17th,	Tuesday, March 18th,
10s. 6d.		German, - - -	Wednesday, Sept. 18th,	Wed., March 19th,
			9-12 a.m.	9-12 a.m.
			3-6 p.m.	3-6 p.m.
			3-6 p.m.	3-6 p.m.
			3-6 p.m.	3-6 p.m.
			12-3 p.m.	12-3 p.m.
			3-6 p.m.	3-6 p.m.

<sup>1</sup> Forms of Application for admission to the Examinations may be had after August 16th or February 14th.

<sup>2</sup> Late entries cannot, under any circumstances, be received.

<sup>3</sup> As to the fee payable for examination in a special subject see footnote on p. 60.

The results will not be known till, at earliest, October 7th or April 13th.



TABLE OF EXAMINATIONS FOR DEGREES IN MEDICINE TO BE HELD DURING SESSION 1912-13.

Fees.	Names to be given in and Fees paid to the Mistress, Queen Margaret College. Date. <sup>1</sup>	Subjects of Examination.	DATES OF WRITTEN EXAMINATIONS AND HOURS AT WHICH THE DIFFERENT PAPERS WILL BE SET.	
			Printed Schedules with detailed instructions for filling up may be obtained from the Office, Queen Margaret College.	
			SEPTEMBER—OCTOBER, 1912.	MARCH, 1913.
Under the Old Regulations the Fee for each Professional Examination is £5 5s.; under the New, the Fees are—First, £6 6s.; Second, £6 6s.; Third, £5 5s.; Fourth, £5 5s.	23rd Aug., 1912 or 14th Feb., 1913	Practice of Medicine, Surgery, Midwifery,	Monday, 23rd Sept., 10—12 noon. Do., do., 2—4 p.m. Tuesday, 24th Sept., 10—12 noon.	Friday, 21st March, 10—12 noon. Do., do., 2—4 p.m. Sat., 22nd Mar., 10—12 noon.
	30th Aug., 1912 or 3rd Mar., 1913.	Botany, Materia Medica, Chemistry, Zoology, Anatomy, Physics, Physiology, Pathology, Medical Jurisprudence, Public Health,	Monday, 30th Sept., 9—11 a.m. Do., do., 9—11 a.m. Do., do., 2—4 p.m. Tuesday, 1st Oct., 9—11 a.m. Do., do., 9—11 a.m. Do., do., 12—2 p.m. Do., do., 12—2 p.m. Do., do., 12—2 p.m. Wed., 2nd Oct., 9—11 a.m. Do., do., 12—2 p.m.	Tues., 25th Mar., 9—11 a.m. Mon., 24th Mar., 9—11 a.m. Do., do., 2—4 p.m. Do., do., 9—11 a.m. Tues., 25th Mar., 9—11 a.m. Do., do., 12—2 p.m. Do., do., 12—2 p.m. Do., do., 12—2 p.m. Wed., 26th Mar., 9—11 a.m. Do., do., 12—2 p.m.

<sup>1</sup> When names are not given in and fees are not paid on or before the stated dates, a late Entry Fee of Twenty Shillings must be paid before the candidate can be enrolled for examination. A candidate is not held to be enrolled for examination until his name is entered, the fee paid, and all the necessary Certificates, etc., lodged. Late Entry Fees will not be accepted less than eight days before the date of examination. Every candidate must matriculate at the University for the session in which he enters for professional examination or for graduation.



## SCHOLARSHIPS AND BURSARIES.

1. The **Arthur Scholarship** of £20 for each of three years will be open to competition by Queen Margaret College Medical Students of First Year at the First Professional Examination in October, 1913. It is allowable to take part of the Examination in March, 1913. This Scholarship is the gift of Mrs. Arthur of Barshaw, and is restricted to Women Medical Students.

2. The **Mackintosh Mental Science Bursary**, value about £31, tenable for one year, is open for competition annually, in June, to Matriculated Students of Medicine of either sex who have attended the Lectures on Insanity; the Bursar to continue the practical study of the subject to the satisfaction of the Faculty of Medicine.

3. **THREE Armagh Bursaries**, annual value of each £52, tenable for three years in Medicine, are open to students who are presenting themselves for the Final Examination for the Degree of M.A. with Honours in the following rotation—(1) Classics, (2) Mental Philosophy, (3) Mathematics and Natural Philosophy. One open in 1912 to students taking Honours in Mental Philosophy.

4. **Denny Bursary**, annual value £30, tenable for four years, in any Faculty, for students from Dumbarton Burgh Academy.

5. **NINE Highland Society (Glasgow) Bursaries**, for students of Highland descent; annual value of each £25, tenable five years. Candidates to take the Medical Preliminary Examination. [Two open in 1912.] Apply to Mr. Hugh Brown, C.A., 58 St. Vincent Street, before 30th April. [Candidates for the Highland Society Bursaries are at liberty to take Celtic as a *fifth* subject of examination.]

6. **Logan Bursary**, annual value £16, tenable four years. Open in 1913 to students entering on their first Winter Session of study.

7. Two **Pratt Bursaries**, annual value £20 each, are tenable for four years in any Faculty. Open to sons or daughters of working men residing in or belonging to the united parishes of Wiston and Robertson and the parish of Lamington. Applications to be made to the Trustees' Agents, Messrs. Fyfe, Maclean & Co., 115 St. Vincent Street, Glasgow, not later than 30th April. [Two open in 1912.]



8. **William Gardiner Bursary**, annual value £14, tenable for two years, will be awarded in October, 1912, for proficiency in Physiology, Chemistry, and Physics. See *University Calendar*.

9. **Dr. Thomas Gibson Bursary**, annual value £36, tenable for four years. Open to Medical students entering on their second winter who are preparing for service as medical missionaries. It will be awarded to the qualified candidate who has gained the highest number of marks in the First Professional Examination. See *University Calendar*.

10. **Andrew and Bethia Stewart Bursaries**, each £50 for three years, tenable in Medicine or Law. Candidates must be M.A. of Glasgow. Special Examination. Apply to Messrs. Steuart & Gillies, 204 West George St., before 1st Sept. [One in Medicine open in 1912.]

11. **Brunton Memorial Prize**, of about £10, is awarded to the most distinguished graduate in Medicine of the year.

12. **McCunn Research Scholarships**, annual value £100, tenable for one year, subject to reappointment for another year in the discretion of the Trustees. Open to Graduates in Medicine of a Scottish University, provided that not more than three and a half years shall have elapsed since the candidate has taken his or her degree. See *University Calendar*.

For information regarding **Carnegie Scholarships and Fellowships** in Medicine and Science, see *University Calendar*.

For UNIVERSITY PRIZES and MEDALS, see *University Calendar*, pp. 513-533.

### STUDENTS' LOAN FUND.

Loans, not exceeding £25, may be granted to students, who are daughters of professional men, either for payment of class fees or for maintenance while preparing for the teaching or other profession. Applications should be made two months before the loan is required to the Hon. Secretary of the Loan Fund Committee, Mrs. M'Callum, 7 Bute Mansions, from whom the conditions of repayment and other particulars may be obtained.



## THE CARNEGIE TRUST FOR THE UNIVERSITIES OF SCOTLAND.

The Trust is empowered to pay the whole or part of the University ordinary Class Fees of students under the following Regulations :—

### REGULATIONS FOR THE PAYMENT OF CLASS FEES.

I. AGE.—An applicant must be over sixteen years of age.

II. NATIONALITY.—Applicants must be of Scottish birth or extraction, or must have given two years' attendance after the age of fourteen at a school or institution under inspection of the Scotch Education Department.

*∴ The Executive Committee admit the claim of Scottish extraction in the case of an applicant who can give evidence of Scottish birth of one or other of his parents or grandparents.*

III. PRELIMINARY EDUCATION.—Applicants qualified under the two previous Regulations will be eligible for payment of Class Fees if they have obtained the Leaving Certificate of the Scotch Education Department, provided that it bears evidence of such preliminary education as is required by the Universities for their respective graduating curricula.

*∴ Applicants who have not obtained the aforesaid Leaving Certificate may be considered eligible upon production of evidence of a preliminary education of equivalent standard. But no applicant will be considered eligible who has to pass any further preliminary examination before completing his graduating curriculum.*

IV. COURSE OF STUDY.—Applicants must have had their course of study for each academic year approved by the University Adviser of Studies, or, in Faculties where no Adviser of Studies has been appointed, by the Executive Committee of the Trust.

*∴ The Executive Committee reserve the right, after consideration of the special circumstances of each case, to make such further conditions as in their opinion will best secure the educational interests of the applicant in question.*

V. ORDINARY CLASSES.—An applicant shall not be eligible for payment of fees of classes belonging to a further stage



of his curriculum until he has passed the graduation examinations belonging to a previous stage.

*∴ In the Faculty of Medicine the Executive Committee will make exceptional provision for cases where observance of this regulation is practically impossible.*

VI. EXTRA-ORDINARY CLASSES.—Applicants are not eligible for assistance in the payment of fees of other than ordinary qualifying classes until they have passed the ordinary graduation examination in the relative subject.

*∴ Special application forms for fees of other than Ordinary Classes will be supplied by the Secretary to applicants qualified under this regulation.*

VII. REPORTS ON ATTENDANCE AND WORK.—A beneficiary comes under an obligation to submit to the Executive Committee at the end of each session particulars as to his attendance and work, any distinctions they may have gained, and any graduation examinations they may have passed.

VIII. CLASS CERTIFICATES.—A beneficiary also comes under an obligation to refund the fee of any class in which he has failed to obtain a certificate that they have given regular attendance and duly performed the work of the class during the session.

*∴ No payment will be made of fees of classes in which such certificates are not issued by the teacher.*

Applications for the payment of fees must be made on forms to be obtained from the Secretary of the Carnegie Trust, Sir W. S. M'Cormick, The Merchants' Hall, 14 Hanover Street, Edinburgh, which must be filled up and returned to him.

NOTE.—Applicants, in writing to the Secretary of the Trust for Application Forms, must name the University and Faculty in which they intend to study, and must state whether they have or have not previously obtained the benefits of the Trust.

The Committee have power to withhold payment of fees from any student who is guilty of misconduct, or who fails within a reasonable time to pass the ordinary examinations of the University or any of them.

For information as to Endowment by the Carnegie Trust of Post-Graduate Study and Research, see the *University Calendar*, pp. 206 to 216.



The following excerpt from a letter written by Mr. Carnegie to the Earl of Elgin, Chairman of the Trust, explains the intention of the Founder :

“ LONDON, 7th June, 1901.

“ MY DEAR LORD ELGIN,

“ As your Lordship is aware, my desire throughout has been that no capable student should be debarred from attending the University on account of the payment of fees. I believe that the conditions of application ensure a sufficient standard of merit, and I hope that the honest pride for which my countrymen are distinguished will prevent claims from those who do not require assistance, and that the invidious task of enquiring into the circumstances of each candidate need not be imposed upon the Trustees. But, to further mark my personal belief and hope in this matter, I have made provision in the Trust Deed that the Trustees may receive funds from others to be administered along with the funds placed by me. I consider this a valuable clause, believing, from my own experience with young men, that some students in after life may value the privilege of repaying advances received from the Trustees, although these are free gifts. I hope the Trustees will gladly welcome such repayments, if offered, as this will enable such students as prefer to do so to consider the payments made on their account merely as advances which they resolve to repay if ever in a position to do so, and that this will protect and foster the spirit of manly independence so dear to the Scot.

“ Very truly yours,

“ ANDREW CARNEGIE.”

## HALL OF RESIDENCE FOR STUDENTS.

Queen Margaret Hall, a House of Residence for women students, situated near the College, was opened in October, 1894. For information regarding terms, etc., see separate prospectus, which may be obtained from The Mistress, MISS MELVILLE, Queen Margaret College, Glasgow, or from the Warden, MISS SPENS, Queen Margaret Hall, Bute Gardens, Glasgow.

## REGISTER OF LODGINGS FOR WOMEN STUDENTS.

By authority of the Senate of the University of Glasgow a list of lodgings suitable for women students has been printed, and may be had from the Mistress, MISS MELVILLE, Queen Margaret College.



## COLLEGE SOCIETIES.

Queen Margaret College Section of Students' Representative Council.

Convener—MISS E. L. MACINTOSH, Ingleholm, 5 Dalziel Drive, Pollokshields.

Queen Margaret College Students' Union.

Hon. Secretary—MISS LOIS YOUNG, The Union, 67 Ann Street.

Resident Secretary—MRS. NIVEN, The Union, 67 Ann Street.

Queen Margaret College Parliament.

Convener—MISS E. L. MACINTOSH, Ingleholm, 5 Dalziel Drive, Pollokshields.

Queen Margaret College Literary and Debating Society.

Hon. Secretary—MISS E. C. WALLACE, Queen Margaret Hall, Bute Gardens.

Queen Margaret College Christian Union.

Hon. Secretaries— $\left\{ \begin{array}{l} \text{Arts,} \\ \text{Medicine,} \end{array} \right.$  MISS EVELYN SLOAN, 2 Crown Circus.

Inter-Collegiate Secretary—MISS C. M. MCKINNON, Loudon Bank, Shawlands.

Queen Margaret College Branch of the Student Volunteer Missionary Union.

Hon. Secretary—MISS GLADYS MACKENZIE, St. Ninian's Manse, Stirling.

Queen Margaret College Medical Club.

Hon. Secretary—MISS GLADYS MONTGOMERY, Queen Margaret Hall, Bute Gardens.

Queen Margaret College Conservative Club.

Hon. Secretary—MISS J. A. WALLACE, The Union, 67 Ann Street.

Queen Margaret College Liberal Club.

Hon. Secretary—MISS JANET HISLOP, 14 Princes Gardens.

Queen Margaret College Suffrage Society.

Hon. Secretary—MISS MARY BAIRD, 28 Arlington Street.

Queen Margaret College Hockey Club.

Hon. Secretary—MISS ETHEL M'ADAM, 28 Glasgow Street.

Queen Margaret College Students' Union Association.

Convener—MRS. RIDDOCH, 5 Eton Terrace.

Association of Women Graduates of Glasgow University.

Hon. Secretaries— $\left\{ \begin{array}{l} \text{MISS M. L. ARTHUR, M.A., 24 Royal Crescent.} \\ \text{MISS K. C. DEWAR, M.A., The Settlement, 77 Port} \\ \text{Street, Anderston.} \end{array} \right.$

Queen Margaret College Settlement Association.

Hon. Secretaries— $\left\{ \begin{array}{l} \text{MISS MAUD MAY, M.A., 15 Athole Gardens.} \\ \text{MISS H. O. LINDSAY, M.A., 1 Park Gate.} \end{array} \right.$

Warden—MISS MARION RUTHERFURD, Queen Margaret Settlement, 77 Port Street, Anderston.

Sub-Warden—MISS D. SPENCE ALLAN, M.A., Queen Margaret Settlement, 77 Port Street, Anderston.



REGISTERED MEDICAL WOMEN, WHO HAVE BEEN STUDENTS OF QUEEN  
MARGARET COLLEGE SCHOOL OF MEDICINE.

GRADUATES of the University of Glasgow—Doctor of Medicine (M.D.).

1900 M'Iloy, Annie Louise, M.B., Ch.B., D.Sc. Ross, Marion Jamieson, M.B., Ch.B. (Mrs. Macdonald)	With Commendation
1901 Chaplin, Ursula, M.B., C.M.	
1902 Blackadder, Agnes Forbes, M.A., M.B., Ch.B. (Mrs. Savill)	
M'Call, Eva, M.B., Ch.B.	
Prowse, Jean Effie, M.B., Ch.B. (Mrs. Budden)	
1904 Bennett, Daisy Annabelle, M.B., Ch.B. (Mrs. M'Gregor)	
1905 Davidson, Sarah, M.B., Ch.B.	
1906 Fraser, Lizzie Thomson, M.B., Ch.B.	With Honours (Bellahouston Gold Medal)
Gordon, Helen Mary, M.B., Ch.B. (Mrs. Clark)	
Maclean, Madge Speirs, M.B., C.M.	
Martin, Anna Pollock, M.B., Ch.B.	
Pirret, Mary Janet, M.B., Ch.B.	
1908 Spencer, Maud Hamilton, M.B., Ch.B. (Mrs. M'Naughton)	
1909 Hannay, Mary Baird, M.B., C.M.	With Commendation
Goodrich, Edith Ellen, M.B., C.M.	
1910 Buchan, Martha Maclean, M.B., Ch.B. (Mrs. Wilson).	



GRADUATES OF THE UNIVERSITY OF GLASGOW—Bachelors of Medicine and Masters of Surgery  
(M.B., C.M.) or Bachelors of Medicine and Bachelors of Surgery (M.B., Ch.B.).

M.B., C.M.

1894 Gilchrist, Marion

Cumming, Alice Lillian Louisa (Mrs. Robson)

Dewar, Margaret Cochran (Mrs. Allan Porter)

Lyness, Elizabeth Dorothea (Mrs. Chalmers Smith)

1895 Stuart, Emmeline Marie

1896 Maclean, Madge Speirs

Goodrich, Edith Ellen

Hannay, Mary Baird

Ransome, Mildred (Mrs. Sims)

Stewart, Roberta Henrietta Margueretta (Mrs. Jull)

1897 Anderson, Agnes Jane (Mrs. M'Laren)

Anderson, Annie Kirby (Mrs. Watson)

Graham, Mary Philip

Kemp, Norah

Vakil, Merbai Ardesir, B.A.

Chaplin, Ursula

1898 Fraser, Christina

1897 Smith, Jessie Hawksworth (Mrs. Beveridge)

Macfarlane, Minna Amelia (Mrs. Benner)

Bennett, Daisy Annabelle (Mrs. M'Gregor)

1898 Blackadder, Agnes Forbes, M.A. (Mrs. Savill)

Gardner, Mary (Mrs. Ellis)

With High Commendation

With Commendation  
With Honours

5 Buckingham Terrace, Glasgow.

10 Park Terrace, Cambridge, Medical Examiner,  
Board of Education.

254 Beacon Street, Boston, U.S., America.

13 Broompark Drive, Dennistoun.

C.M.S. Medical Mission, Julfa, Persia.

85 Beverley Road, Hull, Medical Inspector of  
Schools, Hull.

Resident Medical Officer, The Asylum, Menston,  
Yorkshire.

Formerly Assist. to Professor of Pathology,  
Royal Infirmary, Glasgow.

Clinical Assistant, New Hospital for Women,  
London.

Perth, West Australia.

Oughtibridge, Sheffield.

Redlands, Bloomfield Avenue, Belfast.

Hazelwood, Bridge of Weir.

Resident Medical Officer, The Retreat, York.

Marine Lines, Bombay, India.

35 Park Square, Leeds.

c/o Richmond, 386 Byres Road, Glasgow.

M.B., Ch.B.

U.F. Manse, Roseneath.

Rose Villa, Killarney.

11 Woodside Place, Glasgow.

66 Harley Street, London, W., Assistant Physi-  
cian, Skin Hospital, Leicester Square.

Clareview, Mount Street, Taunton.



1898 Grant, Jane

Longmire, Mary  
M'Call, Eva

Poulter, Mabel Catherine

Prowse, Jean Effie (Mrs. Budden)  
Ross, Marion Jamieson (Mrs. Macdonald)  
Gilmore-Cox, Martha Jane (Mrs.)

Pearson, Mary M'Mullen  
Lorimer, Jane (Mrs. Hawthorne)  
M'Iloy, Annie Louise

M'Neil, Margaret Wallace Howie

Robson, Agnes Renton (Mrs. D. Fraser)

1899 Walker, Edythe Marjorie Stewart (Mrs. Lindsay)

Boyes, Auguste  
Davidson, Sarah  
Granger, Jessie Downie (Mrs. Evans)

M'Neill, Ina Lochhead  
Smith, Catherine Love

Whiteford, Sara

Original Secession Medical Mission, Seoin, Chapara, C.P., India.

C.E.Z. Mission, Khammamet, Hyderabad, India.  
Medical Inspector of Schools, Burslem, near Stafford.

C.M.S. Medical Mission, Hok-Chiang, Fuh-kien, China.

Dunach, Cable Road, Hoylake, Cheshire.

23 Cheyne Court, Cheyne Walk, Chelsea, London.

39 Westbank Terrace, Hillhead, Glasgow, Inspector of Midwives.

63 Harley Street, London, W.

23 Sandyford Place, Glasgow, Gynaecologist, Victoria Infirmary, and District Physician to Western Branch of Glasgow Maternity Hospital; Assistant to the Muirhead Professor of Obstetrics and Gynaecology, University of Glasgow.

Med. Mission, U.F.C.S., Royapuram, Madras, India.

Med. Mission, London, West Nyassa, British Central Africa.

Melbourne House, Aldershot.

Medical Inspector of Schools, Shropshire. Ebenezerfield, Busby.

75 Craven Park Road, Harlesden, Willesden, London, N.W., Clinical Assist., New Hospital for Women, London.

24 Tottenhall Road, Wolverhampton.

Waterloo House, North Allingham, Newark, Yorkshire.

218 Stratford Road, Sparkbrook, Birmingham. Co-anaesthetist, Birmingham and Midland Hospital for Women.



Robertson, Sara Maud (Mrs. M'Dougall.  
Died 1907).  
Spencer, Maud Hamilton (Mrs. M'Naughton)  
1900 Buckley, Lucy, B.Sc. (Mrs. Pinniger)  
  
Clark, Daisy Annabella Murdoch, B.Sc.  
(Mrs. Gale)  
Fraser, Lizzie Thomson  
  
Gordon, Helen Mary (Mrs. Clark)  
Liston, Mary Forbes  
Ritchie, Margaret Mitchell (Mrs. Sinnette)  
Smith, Christian Cleland Wood (Mrs.  
Matthews)  
Taylor, Gertrude Florence Fleetwood (Mrs.  
Outram)  
Campbell, Gertrude Jane  
Greig, Lila Stephenson  
  
Marshall, Jean Marion Farie  
Sinclair, Agnes Brymner (Mrs. M'Gregor)  
Talbot, Mabel  
1901 Adams, Martha  
Hardie, Mabel  
Moorhouse, Alice (Mrs. C. H. Moreland)  
Pirret, Mary Janet  
  
Sloan, Agnes Bankier  
Sloan, Elizabeth Macfarlane (Mrs. Chesser)  
Higgins, Janet Bilsland  
Myhre, Karen Margrethe  
Potter, Mary Emma (Mrs. Hamman)  
Ross, Elizabeth Ness MacBean  
Young, Henrietta Fraser (Mrs. James)  
1902 Bryson, Edith Margaret

73 Barlow Moor Road, Didsbury, near Manchester.  
94 Waterloo Street, Oldham, Medical Inspector  
of Schools, Oldham.  
Hong-Kong.  
  
Scotstoun, 47 Maxwell Drive, Pollokshields, Assist.  
Bacteriologist, Royal Infirmary, Glasgow;  
Beit Memorial Fellow, 1912-15.  
401 Old Kent Road, London.  
Medical Officer, Merryflatts Hospital, Govan.  
44 Brisbane Street, Greenock.  
Elmwood, High Park, Ryde, Isle of Wight.  
  
Radlett, near London.  
  
U.F. Mission Hospital, Royapuram, Madras.  
Medical Inspector of Schools for Staffordshire,  
263 Tettenhall Road, Wolverhampton.  
Gordon House, Derby Street, Bolton.  
Hong-Kong, China.  
Medical Mission, Poona, India.  
Medical Officer, The Infirmary, Lurgan, Ireland.  
577 Finchley Road, Hampstead, London.  
Christ's College, Christchurch, New Zealand.  
Medical Inspector of School Children for Wig-  
townshire.  
Mission Hospital, Gujerat, India.  
Beauchamp House, near Gloucester.  
20 High Street, Paisley.  
Laxevaag, Bergen, Norway.  
Victoria West, Cape Colony, South Africa.  
c/o Dr. Aganoor, Ispahan, Persia.  
3 Theodore Road, Port Talbot, Wales.  
E. P. Mission, Engchun, *via* Amoy, South China.



1902 Miller, Janet Thomson	
1903 Bostock, Gertrude Dorman, B.Sc.	
Scott, Martha Hunter	
Auld, Jeanie (Mrs. M'Crae)	
Baird, Helen Stephen, B.A. (Mrs. Cowie)	
Cameron, Mary Charlotte (Mrs. Allan)	
Campbell, Jane	
Duncan, Jessie Galloway	
Fraser, Kate, B.Sc.	
Gilmour, Jane Reid Foulds	
MacEwen, Jessie Seath (Mrs. Muir)	
Martin, Anna Pollock	
Miller, Eliza Jane (Mrs. MacKenzie)	
Mitchell, Isabel Deane	
Ritchings, Mary Ann Thompson	
Smith, Elizabeth Helen	
Maclean, Alice Wesley	
Smart, Margaret Hossack	
Wallace, Edith Christine (Mrs. Burley)	
1904 Cameron, Agnes Wallace	
Alexander, Bethia Shanks	
Campbell, Roberta	
Lochhead, Ethel Macleod (Mrs. Leitch)	

Senior Res. Medical Officer, East Poorhouse Hospital, Dundee.	
Research Scholar, Physiological Department, Glasgow University.	
Warrnambool, Victoria, Australia.	
Mallaig, Inverness-shire.	
Perry Street, Masterton, New Zealand.	
Southbank, Links Road, Epsom.	
Commercial Bank House, Dumbarton.	
Assist. Medical Officer of Health, Birmingham.	
53 Hagley Road, Edgbaston, Birmingham.	
1 Clifton Street, Glasgow, Medical Inspector, Govan School Board.	
The Craggs, Duntocher.	
22 Hazlewood Road, Putney, London, S.W.	
5 Alloway Place, Ayr.	
Laioyang, Manchuria, China.	
Irish Presbyterian Mission, Newchwang, Manchuria, China.	
27 St. Helen's Road, Swansea, Wales.	
2 Holyrood Crescent, Assist. Phys., Moncur St. Mission; Assistant Surgeon, Lock Hospital, Glasgow.	
53 Hagley Road, Edgbaston, Birmingham.	
4 Balmoral Crescent, Queen's Park, Crosshill.	
8 Bellahouston Terrace, Ibrox.	
9 Lynedoch Place, Glasgow, Assistant Lecturer, on Hygiene to Glasgow Provincial Committee, Extra Physician, Dispensary, Sick Children's Hospital.	
Assistant Medical Officer of Health, Nicol Street, Kirkcaldy.	
Zenana Mission, Ajmere, Rajputana, India.	
Edinburgh.	



Yates, Annie May (Mrs. Middlebrook)  
 Black, Annie M'Caig

Hardy, Margaret (*died* 1906).  
 M'Iroy, Jane Hamilton, M.A., B.Sc.  
 (M'Cunn Research Scholar and Barbour  
 Scholar), D.Sc.

Waddell, Janet Gardner

1905 Clark, Jeannie Thomson (Mrs. Gilmour)  
 Baird, Annie Agnes, M.A.  
 Chapman, Ethel Lily (Mrs. Stanley)  
 Gallagher, Mary Theresa (Mrs. S. J.  
 Moore)

Shaw, Jane Reid

Smellie, Lily (Mrs. Clark)  
 Talbert, Elizabeth Taylor (Mrs. Macfarlane  
 Wright)

M'Lauchlan, Jane Stark

M'Neill, Margaret Elizabeth  
 M'Neill, Mary Lauchline  
 Pryce, Ethel Jane Mildred

Spence, Mary

1906 M'Vail, Elizabeth Maud

Mann, Florence

Oversby, Edith (Mrs. David Shannon)  
 Picken, Agnes, M.A.

Reis, Vera Dagmar (Mrs. R. Bruce)  
 Hird, Annie Rennie (Mrs. Hall)

With Commendation

10 Brooklyn Terrace, Mumbles, Swansea.  
 c/o Dr. Elizabeth Wilks, 24 Lower Clapton Road,  
 Hackney, London, N.E.

23 Sandyford Place, Glasgow, Medical Inspector,  
 Glasgow School Board.

6 Wellmeadow, Paisley.

Graaf Reinet, Cape Colony, South Africa.  
 Spey Street, Invercargill, New Zealand.  
 Med. Mission, Jerusalem.

27 Buckingham Terrace, Glasgow.

Medical Officer, County Board, Stoke-upon-  
 Trent.

24 Park Gardens, Broomhill, Glasgow.  
 U.F. Manse, Busby.

Assistant Medical Officer, Smithston Asylum,  
 Greenock.

Medical Mission, Ewanchantau, Manchuria.  
 U.F. Manse, Holm West, Kirkwall, Orkney.  
 St. Aidan's Mission House, Durban, Natal, South  
 Africa.

Medical Officer, Women's Hospital, Derby.  
 Lady Inspector, Local Government Board for  
 Scotland, 27 Polwarth Terrace, Edinburgh.  
 Assistant to Medical Officer of Health, Glasgow,  
 37 Partickhill Road.

270 Bath Street, Glasgow.

Muirhead, Baillieston, Glasgow, Tutor in Medi-  
 cine, Demonstrator of Anatomy, Queen  
 Margaret College Medical School.

27 Burnbank Gardens, Glasgow.  
 Bruntsfield, Uddingston.



1906	Hudson, Rose Isobel Thomlinson, Christina Gibson (Mrs. G. I. Pirie)	7 Learmonth Terrace, Edinburgh. Eynhallow, Thorn Drive, Bearsden.
1907	Andrew, Jeannie Montgomery Buchan, Martha Maclean (Mrs. A. A. Wilson) Forrest, Margaret Gardner (Mrs. Hogg) Hill, Ella Smith, M.A. M'Corrie, Annie Macvea, Janet Annie Rankin, Jessie Deans, M.A., B.Sc. (Mrs. C. Macfie Campbell) Robertson, Jane Isabel, M.A. Taylor, Margaret Baillie (Mrs. G. Mason)	Medical Missionary, China. Prescott Road, St. Helens, Lancashire. Underbank, Cambuslang. Isalea, Ayr. 181 Queen's Drive, Crosshill. Lyndenburgh, Transvaal, South Africa. Ward's Island, New York.
1908	Darroch, Margaret Baird Sproul Russell, Jessie Capie	Zoological Laboratory, Glasgow University.
1909	Lucas, Katharine Robina Margaret Stewart, Jeanie Hinshaw (Mrs. Moffat) Robertson, Margaret Eason	Hospital Appointment, Sunderland. Resident Medical Officer, Stobhill Hospital, Glasgow.
	Gallagher, Florence Ann (Mrs. E. L. Ward) Hay, Euphemia Adamson M'Whirter, Jeanie Douglas, M.A. (Mrs. F. Macaulay) Mitchell, Mary Cochran (Mrs. M'Intyre) Rankin, Jessie Deans (Mrs. F. Y. Steel) Ross, Winifred Margaret Walters, Ethelwyn Mary	11 Clarendon Place, Stirling. 34 St. Vincent Crescent, Glasgow. Assistant in Pathological Department, Royal Infirmary, Glasgow. Glasdir, Merthyr Tydvil, Wales. 7 Clydeview, Dumbarton Road, Partick. 7 Keighley Road, Colne, Lancashire.
1910	M'Michael, Agnes Mary Keer, Honoria Somerville Muir, Margaret (Mrs. W. W. Rorke) Pilliet, Mary Amelia	Fassiefern, Roxbury, Connecticut, U.S.A. Cehbin-el-Kanatu, Egypt. Resident Medical Officer, Parochial Hosp., Paisley. S.P.G. Mission, Ramnud, Tinnavelly, S. India. Sanatorium, Ashapura, near Naisirabad, Rajputana. Resident Physician, Royal Asylum, Gartnavel, Glasgow. Rosedale, 65 Wellwood Rd., Leytonstone, London. Inspector of Midwives, London County Council. Assistant Medical Inspector, King's Norton,



Wylie, Marion Aitken, M.A.  
 Alexander, Mary, M.A.  
 Dodge, Louisa Emma  
 Rutherford, Margaret Elizabeth  
 Sexton, Florence Elizabeth  
 Auchencloss, Agnes Barr  
 Barrowman, Christina  
 Beard, Marie Alexina Annette  
 Rutherford, Barbara Grace  
 Sutherland, Barbara, M.A.  
 Inglis, Isabel  
 Macgregor, Barbara

Macphail, Katherine Stewart  
 Orr, Ellen Brown  
 Shearer, Christina Hamilton  
 Stark, Isabel Jane  
 1912 Ross, Lucy MacBean  
 (164)

## DIPLOMA in Public Health (D.P.H. Camb.).

Cumming, Alice Lilian Louisa (Mrs. Robson),  
 M.B., Ch.B.  
 Greig, Lila Stephenson, M.B., Ch.B.  
 M'Vail, Elizabeth Maud, M.B., Ch.B.  
 Bostock, Gertrude Donnan, B.Sc., M.B.,  
 Ch.B.  
 Cameron, Agnes Wallace, M.B., Ch.B.  
 Pirret, Mary Janet, M.B., Ch.B., M.D.  
 (6)

Medical Missionary, Cape Colony, S. Africa.  
 Madras.

Kalyari Hospital, Mylapore, Madras, India.

Private Practice, Jersey.

Resident Surgeon, Kilmarnock Infirmary.

Staneacre, Hamilton.

Jamaica.

Swallow Nest, near Sheffield.

Resident Surgeon, Elder Memorial Hospital.

17 Kersland Street.

Resident Assistant, Gynaecological Department,  
 Royal Infirmary.

Outdoor Assistant, Royal Infirmary, Glasgow.

Outdoor Assistant, Royal Infirmary, Glasgow.

Lewes Road Hospital, Brighton.

Resident Surgeon, Samaritan Hospital, Glasgow.

Resident Surgeon, Samaritan Hospital, Glasgow.



LICENTIATES of the Conjoint Examination of the Royal College of Physicians and Royal College of Surgeons of Edinburgh and the Faculty of Physicians and Surgeons of Glasgow (L.R.C.P. and S., Ed., and L.F.P. and S., G.).

- 1893 Howie, Catherine (Mrs. Meston)  
 Paton, Katherine Kirk (Mrs. Stobie)  
 Wells, Jennie Russell, M.D. Brux. (Mrs. Macphail)  
 Campbell, Susan
- 1894 Horner, Mary Campbell  
 Lillingston, Amy Gordon
- 1895 Cornford, Henrietta Kate, M.D. Brux. (Mrs. Trevithick)
- 1897 Boyes, Jane  
 Chaplin, Ursula. (See also M.B. List)  
 Buckley, Lucy (Mrs. Pinniger). (See also M.B. List)
- 1899 Fox, Louisa, M.D. Brux., L.M. Dublin  
 M'Neill, Margaret Elizabeth. (See also M.B. List)
- 1900 Macdonald, Ellen S.  
 Miles, Alice (Mrs. Kirke)
- 1903 Chapman, Katherine Mary
- 1907 Cassels, Effie (Mrs. H. Swann)  
 Malabari, Phiroza Behramji  
 (17)

- Died 1905.  
 Kai Yuan, Newchwang, Manchuria.  
 U.F. Medical Mission, Chakai Moughr, Bengal.
- Medical Mission, U.F.C.S., Ajmere, Rajputana, India.
- Medical Mission, U.F.C.S., Mukden, Manchuria.  
 Medical Mission, C.E.E.M.S., Bangalore, India.  
 Gesireh Palace Gardens, Cairo, Egypt.
- 7 Union Place, Rutherglen.
- c/o B. Fox, Esq., District Judge, Hissar, India.
- 52 High Street, Inverness.  
 The Manse, Ryan Street, Charters Towers, Queensland, Australia.  
 5 Buckingham Terrace, Glasgow, Assistant Medical Electrician, Royal Infirmary.



# LICENTIATES in Dental Surgery of the Faculty of Physicians and Surgeons of Glasgow.

1901 Simmers, Minnie (Mrs. Scrimgeour)  
 1904 Bark, Annie  
 1905 Jones, Ceinwen Saron  
 Wands, Mary L. (Mrs.)  
 Campbell, Jane, M.B., Ch.B.  
 Yates, Ethel Margaret  
 (6)

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Portsoy.  
 54 Rodney Street, Liverpool.  
 54 Rodney Street, Liverpool.  
 218 Bath Street, Glasgow.  
 Commercial Bank House, Dumbarton.



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