Coláiste na mBráithre, Gaillimh

Féilire

oo

1926-1927.

Ollsgoil Náisiúnta na hÉireann.

Coláiste na hOllsgoile, Gailliṁ.

Riaġlaċas ag baint le Gráḋaiṁ ⁊ Réimeanna Oideaċais.

THE NATIONAL UNIVERSITY OF IRELAND.

University College, Galway.

REGULATIONS FOR DEGREES AND COURSES.

[Proposed by University College, Galway, and approved by the Senate of the National University of Ireland.]

DUBLIN:
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1924.

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GENERAL REGULATIONS.

1. Courses in Arts, Science or Commerce, cannot be taken out by a student beginning his University studies, until he submits evidence to the Registrar that he has consulted the Dean of the Faculty in reference thereto.

2. It is the duty of a student to attend every lecture in each subject of his Course, unless prevented by some unavoidable cause of absence. Attendance at not fewer than three-fourths of the total number of lectures given in each subject during the Session is required to qualify for examination.

3. Subject to the Regulations of the University, candidates may be tested orally, as well as by written papers, in any examination.

The absence of a candidate from an Oral Examination in a subject shall render the candidate liable to be rejected at the whole Examination in that subject.

4. A student may, in certain cases, obtain exemption in a subject on account of his having previously passed an equivalent examination in that subject in the University. Application for such exemption should be made to the Registrar, The National University of Ireland, Dublin.

THE FACULTY OF ARTS, including PHILOSOPHY.

1923–1924.

Dean of the Faculty—
PROFESSOR MCELDERRY.

Professors.

Irish Language, Philology, and Literature—
TOMAS O MAILLE, M.A. (Manchester); PH.D. (Freiburg).

Ancient Classics—
ROBERT KNOX MCELDERRY, M.A. (late Fellow of St. John's College, Cambridge).

English Language and English Literature—
WILLIAM A. BYRNE, M.A.

History—
MRS. M. J. D. O'SULLIVAN, M.A.

Philosophy—
JOHN HOWLEY, M.A.

Romance Languages—
LIAM O'BRIAIN, M.A.

German—
MARGARET M. COOKE, M.A.

Geography—
JAMES MITCHELL, B.Sc., B.E., F.G.S.

Mathematics—
MICHAEL POWER, M.A., B.Sc.

Physics—
ALEXANDER ANDERSON, M.A., Hon. LL.D. (Glasgow), Hon. D.Sc., late Fellow of Sidney Sussex College, Cambridge, President of the College.

Education—
REV. T. O'KELLY, M.A., B.D., H. Dip. in Ed.

Economics—
FRANCIS MCBRYAN, M.A., H. Dip. in Ed.

Celtic Archæology—
REV. J. HYNES, M.A., B.D.

Lecturers.

Modern Irish—
SEAGHAN PADRAIC MACENRI, M.A., M.D., B.Ch. (Dublin).

Assistants

Mathematics—
(To be appointed at the beginning of the Session).

REGULATIONS FOR COURSES OF STUDY AND EXAMINATIONS LEADING TO THE DEGREE OF B.A.

1. After Matriculation, candidates for the Degree of B.A. are required to pass the First University Examination and the Degree Examination.

2. At least three terms, or one academic year, must elapse between Matriculation and the First University Examination, and at least six terms, or two academic years, between the First University Examination and the Degree Examination; excepting as provided in regulation 7 *infra*.

FIRST UNIVERSITY EXAMINATION.

3. The following are the subjects of the First University Examination:—

Botany.
Chemistry.
Economics.
English.
Experimental Physics.
French.
German.
Greek.
Irish.
Italian.
Latin.
Logic.
Mathematical Physics.
Mathematics.
Modern History.
Physical Geography.
Spanish.
Zoology.

4. Students must present themselves for examination at the end of their first academic year in *five* of the subjects named above, chosen according to the following grouping:

I. English *or* Irish *or* Latin.

II. Any *three* of the following subjects, provided that *one* at least be a language, and that not more than *two* be Modern Continental Languages:—Economics; English, if not already chosen; French; German; Greek; Irish, if not already chosen; Italian; Latin, if not already chosen; Logic; Mathematical Physics; Mathematics; Modern History; Spanish.

III. *Any one* of the following:—Botany; Chemistry; Experimental Physics; Logic, if not already chosen; Mathematical Physics, if not already chosen; Mathematics, if not already chosen; Physical Geography; Zoology.

Students must have previously attended a course of three terms' lectures in each subject chosen.

5. There will be separate ordinary and honour papers at the First University Examination in all subjects.

6. The Examination must be passed as a whole.

7. Candidates who fail to pass the Examination at the end of their first academic year may nevertheless (provided that the Academic Council grants permission) attend the courses for an ordinary degree (but not for a degree with honours) in their second year; but such attendance shall not be reckoned as qualifying for the Degree Examination unless the First University Examination is passed at the end of the second academic year.

B.A. DEGREE EXAMINATION.

8. The subjects for the Degree Examination are as follows:—

GROUP A.	GROUP B.
Celtic Archæology.	Ethics.
Economics.	Jurisprudence.
Education.	Logic.
English.	Metaphysics.
French.	Politics.
German.	Psychology.
Greek.	
Irish.	GROUP C.
Italian.	Roman Law.
Latin.	Equity.
Mathematical Physics.	Law of Property.
Mathematics.	
Modern History.	GROUP D.
Spanish.	Experimental Physics.

9. Candidates may present themselves for the Degree of B.A. either as an ordinary Degree or as a Degree with Honours, after passing the First University Examination.

10. The Degrees of B.A. and B.Sc. cannot be obtained simultaneously, or at separate examinations in the same groups or in groups which are partly the same.

Nevertheless—

"(*a*) a student who having passed the Degree Examination of either B.A. or B.Sc. Pass Degree and subsequently proceeds to the Pass Degree of B.Sc. or B.A. shall, if he has credit for subjects by the Rules applying to Exemptions, be required to present two additional subjects only for the Degree Examination subsequently taken;

(*b*) a student who having passed the Honours Degree Examination of either B.A. or B.Sc. Degree and subsequently proceeds to the Pass Degree of B.Sc. or B.A. shall, if he has credit for subjects by the Rules applying to Exemptions be required to present two additional subjects only for the Pass Degree Examination subsequently taken."

11. Candidates who chose for their Degree subjects which occur on the list of subjects for the First University Examination and who have not passed that examination in these subjects must first satisfy the Academic Council, on the recommendation of the Professors concerned, that they are competent to profit by the Second Year lectures in the subjects so chosen.

EXAMINATION FOR THE ORDINARY DEGREE.

12. Candidates for an Ordinary Degree must attend lectures in:—

(*a*) any four subjects from Group A.

or (*b*) any three subjects from Group A, and any two from Group B.

or (*c*) any two subjects from Group A, and any four from Group B.

or (*d*) any one subject from Group A, and six from Group B.

or (*e*) Mathematics, with either Mathematical Physics or Experimental Physics; and any one other subject from Group A, or any two from Group B.

13. For subjects chosen from Groups A and D, attendance at the degree courses for two academic years is required; for subjects chosen from Group B attendance for one academic year is sufficient.

14. Candidates must pass an examination in the chosen subjects as a whole.

EXAMINATION FOR DEGREE WITH HONOURS.

15. Candidates for a Degree with Honours, except in Legal and Political Science, must present themselves for examination in two principal subjects; and in one or two subsidiary subjects, as specified in 17 infra.

16. In each principal subject candidates must attend lectures during two academic years after passing the First University Examination, except that, in Legal and Political Science, candidates are required to attend lectures for one year only in each subject of the course.

17. Principal subjects must be chosen according to the following grouping:—

I. Any two of the following:—Celtic Archæology, English Literature, French, German, Greek, Irish, Italian, Latin, Modern History; or,

II. Modern History, with *either* Economics *or* Ethics and Politics; or,

III. Mathematics, Mathematical Physics; or,

IV. Logic and Psychology, Metaphysics and Ethics:

or

V. Legal and Political Science—(Modern History,

Politics, Economics or Economic History, Constitutional History, Jurisprudence or Roman Law, and Law of Property or Equity).

18. One subject from Group A or two from Group B must be chosen as subsidiary, and no more than this number may be chosen in either case. In these subjects the second year lectures alone will suffice, and the examination therein may be taken at the end of the second academic year.

19. The standard required in subsidiary subjects will be that of the examination for the ordinary Degree. But candidates may present themselves for Honours provided that they attend the full Honours course of lectures, and that the Academic Council gives permission not later than the end of the previous session.

20. Candidates in Legal and Political Science are not required to take a subsidiary subject.

21. Honours shall be awarded on the Group and not on separate subjects, except in the case of Modern Languages when the class of Honours shall be stated in respect of each subject.

22. A Pass Degree may be awarded to an Honours Candidate who obtains marks nearly approaching the Honours Standard.

DETAILS OF COURSES FOR B.A. DEGREE.

IRISH LANGUAGE AND LITERATURE.

First Year.

Honours.

1. The speaking of Irish. (This includes a course of instruction on Irish phonetics).
2. Irish Composition and Essay-writing.
3. The following works:—

*Oide Choimne Cuipeann, nó, Oide Choimne Uirnigh:

Ó Máille, Naoi nGábad an Giolla Duib.

Ó Seocháda, Eachtra Chuig Mhic Céin, nó, An Gaoi Aniar (Ó Máille).

Cnoc na nGaba. Cuid a III. (M. Breathnach) *or* Cogaid Mac Rígh nÉirinn (M. Ó Máille).

Iorgán (P. Mac Piarais).

Seilg i Measg na nAlp (M. Breathnach).

Mac Énrí, Láimh-leabhar na Gaeilge (Gramadach agus Cumadóireacht).

*4. The literature of (late) Modern Irish.

5. The Grammar of Modern Irish.

6. Prosody: the metre of the poems in the texts.

Pass.

As for Honours, with the omission of books and subjects marked with an asterisk.

Second and Third Years.

Honours.

Courses in the following subjects are arranged:—

1. The speaking of Irish.

2. Original Irish Composition and translation into Modern Irish.

3. The following works:—

Imirleabhar Fiorúin (Ó Neachtain). Cuid a dó.

Amhrán Diadha Chúige Connacht. Imirleabhar a dó.

Aodh Ónéill (M. Mag Ruaidhrí).

Laoi Oirfin ar Chíar na nÓg.

Keating, Forus Feasa ar Éirinn (selections).

*Duile Suibne, or *Longes mac n-Uisnig.

Ó Máille, An Sgoil Sinsir, or alternative.

*Old Irish Treatise on Psalter, and other Old and Middle Irish texts in Hibernica Minora, or an equivalent amount from Windisch, Irische Texte I.; or (as partial alternative), Strachan, Stories from the Táin. Selections from Dottin's Manuel, Part II.

NOTE.—In the Pass Course: Old and Middle Irish texts: at the discretion of the Professor.

*4. The literature of Modern Irish. The literature of the Red Branch Cycle in Early Irish. The principal Middle Irish poets and prose writers. The legends of the Irish Kings.

5. Irish Phonetics.

6. The Grammar of Modern Irish. The Grammar of Old Irish.

Text-books for Old Irish; Strachan's Paradigms; *O'Connell's Grammar of Old Irish; *Pokorny's Old Irish Grammar.

7. Prosody: The principal Irish metres.

*8. Celtic Philology: Comparative Grammar of Old Irish.

*9. Irish Folk-lore—Proverbs, Traditional Stories, Customs and the like.

Pass.

As for Honours, omitting books and subjects marked with an asterisk.

In sub-heads 6 and 7 an elementary knowledge of Old Irish Grammar and Prosody will be sufficient for Pass Candidates.

GREEK.

First Year.

Pass.

1. Passages from unprescribed books for translation into English.

2. The following works:—

Homer, Odyssey, vi.-viii.

Demosthenes, de Chersoneso and Philippica, iii; Plato, Ion.

3. Sentences and easy prose for translation into Greek.

4. Outlines of Greek history, Temple Primer.

5. Outlines of Greek literature, Jebb's Primer.

Honours.

1. More difficult passages from unprescribed books for translation into English.

2. In addition to the works prescribed for pass:—

Euripides, Bacchae.

Herodotus, vi.

Plato, Meno.

3. Prose Composition.

4. History to 431 B.C. (Bury).

5. Literature, Jebb's Primer.

Second and Third Years.

Pass.

1. Passages from unprescribed books for translation.

2. The following works:—

Bacchylides (Jebb's text).

Sophocles, Antigone.

Aristophanes, Frogs.

Thucydides, vii.

Plato, Republic, x.

Demosthenes, Leptines.

3. Composition in Greek prose.

4. History, from 509 to 431 B.C. (Bury).

5. Literature, Gilbert Murray's History of Ancient Greek Literature.

Honours.

1. More difficult passages from unprescribed books for translation into English.

2. In addition to the books prescribed for pass:—

Aeschylus, Agamemnon.

Sophocles, Oedipus Tyrannus.

Pindar, Nemeans.

Plato, Phaedo.

Aristotle, The Constitution of Athens, and the Poetics.

Theocritus, i.-xv.

3. Composition in Greek prose.

4. History, 431 to 322 B.C. (Bury).

5. Literature, as for Pass.

LATIN.

First Year.

Pass.

1. Passages in prose and verse from unprescribed books for translation into English and explanation.

2. The following works:—

Livy, Book i.

Vergil, Aeneid, i.

3. Outlines of Latin Literature (Temple Primer).

4. Easy Prose composition, and questions in grammar.

5. Outlines of Roman History (Temple Primer).

Honours.

In addition to the Pass Course:—

1. The following works:—

Cicero, Philippic ii.

Vergil, Aeneid, ii.

Horace, Selected Odes, and Ars Poetica.

2. History—Pelham's Outlines.

Second and Third Years.

Pass.

1. Passages in prose and verse from unprescribed books for translation into English and explanation.

2. The following works:—

Catullus, Selections (Simpson).
Juvenal, Satires, 1, 3, 4, 10, 13, 14.
Cicero, Letters, Tyrrell's Selection.
Suetonius, Augustus.
Pliny, Epistulae Selectae (Merrill).
Tacitus, Histories i., ii., iii.

3. Mackail's Latin Literature.

4. History—Bury's Student's Roman Empire, chapters i.-xviii., inclusive.

5. Easy prose composition.

Honours.

In addition to the Pass Course:—

1. The following works:—

Plautus, Rudens, Mostellaria.
Lucretius, v.
Cicero, Orator.
Tacitus, Agricola.

2. Prose composition.

3. History—Bury's Student's Roman Empire, from chapter xix. to end.

ENGLISH LANGUAGE AND LITERATURE.

First Year.

Pass.

The following works are prescribed:—

Shakespeare, A Midsummer Night's Dream.
Wordsworth, Poetry and Prose (Clarendon Press).
S. Gwynn, Masters of English Literature.
W. H. Low, The English Language (6th Ed.)

Honours.

Candidates for Honours will be examined on the same text-books, of which they will be expected to show more advanced knowledge; and, in addition, on

Golden Treasury: Book IV.

Keats: The Odes. Weekes: Tutorial Press.

Boswell's Life of Johnson (abridged edn.).

Hazlitt: Essays (1–71; 126–150) Sampson: Cambridge Press.

Second and Third Years.

Pass.

The following will be the subjects of study:—

Old English Grammar (as in Cook's First Book in Old English).

History of English Literature in general. Special subject: Lyric Poetry.

Chaucer: Prologue.

Marlowe: Dr. Faustus.

Shakespeare: Hamlet, Othello, Twelfth Night.

Sir Thomas Browne: Religio Medici.

Milton: L'Allegro, Il Penseroso, Lycidas.

Pope: The Rape of the Lock.

Johnson: Rasselas.

Shelley: Select Poems (Harrap & Co.).

Keats: Poems of 1820 (ed. Young).

Honours.

The above, and in addition:—

Cook's First Book in Old English (Ginn and Co.)

Beowulf (1–1250).

History of English Literature: 1797-1850.

XIV Century Verse and Prose, IV., V., VI., VIII., XV. (Sisam: Clarendon Press.)

Chaucer: The Nuns' Priest's Tale, Parliament of Fowls. (Drennan.)

Shakespeare: King Lear, Much Ado.

Webster: Duchess of Malfi. (Temple Dramatists.)

Milton: Samson Agonistes.

Golden Treasury: Book III.
Clarence Mangan: Poems (Selected).
M. Arnold: Sohrab and Rustum; Thyrsis.
D. G. Rossetti: Selections.
Francis Thompson: Selections.
W. Morris: Defence of Guenevere (ed. R. Steele).
M. Arnold: Essays in Criticism.
English Prose, Vol. V. (World's Classics).

MODERN HISTORY.

First Year.

Pass.

English History from 1100 to 1600.
Irish History from 1100 to 1600.

Honours.

In addition to a fuller knowledge of Pass Course, Outlines of General History of Western Europe, 1100-1600.

The following books will be found useful:—

Gardiner—Students' History of England.
Walpole—Kingdom of Ireland.
Robinson—History of Western Europe.

Second and Third Years.

Pass.

The course will comprise the History of Great Britain and of Ireland from 1500 to 1815; and in less detail, Continental History of the same period. Acquaintance with the course prescribed for the First University Examination will be presumed.

Honours.

The course will include the Pass course, and will extend to 1878. Students will also be lectured and examined in Constitutional History. Special study will be made of the Tudor Period and the French Revolutionary and Napoleonic Period.

The following books will be found useful:—

Innes—England under the Tudors.

Seeley—The Growth of British Policy.

Seeley—The Expansion of England.

Henderson—Sidelights on English History, 1558-1815.

Lecky—The History of England in the Eighteenth Century.

Macaulay—Critical and Historical Essays.

Orpen—Ireland under the Normans.

Philip Wilson—The Beginnings of Modern Ireland.

"Ireland under Elizabeth," edited by Henry Morley.

Prendergast—The Cromwellian Settlement in Ireland.

Prendergast—Ireland from the Restoration to the Revolution.

"Two Centuries of Irish History," edited by James Bryce.

Lecky—Ireland in the Eighteenth Century.

Revington—Periods of European History, edited by Hassal.

Fisher—The Mediaeval Empire.

Henderson—Historical Documents of the Middle Ages.

Lavisse et Rambaud—Histoire Générale.

Taine—Les Origines de la France Contemporaine.

Sorel—L'Europe et la Révolution Française.

Rose—The Revolutionary and Napoleonic Era

Burke—Reflections on the French Revolution.

Arthur Young—Travels in France.

Rousseau—Le Contrat Social.

Anson—Law and Custom of the Constitution.

Ball—Irish Legislative Systems.

CELTIC ARCHÆOLOGY.

Second and Third Years.

Pass.

(1) The Stone, Bronze, and Iron Ages.

(2) The Celts—their Origin, Distribution, Organization, Laws, Religion, Art, and Place Names.

(3) The Early Christian Period.

Honours.

A more extensive knowledge of the Pass Course.

LOGIC

First Year Pass and Honours.

I. Nature and sphere of Logic. The Laws of Thought.

II. Concepts and Terms: their nature and kinds. Abstraction. The Predicables. The Predicaments. Definition. Division. Classification.

III. Judgments and Propositions. Predication. Import of Propositions. Divisions of Judgments. Truth and Falsehood. Assent. Belief. Doubt. Opinion.

IV. Inference, immediate and mediate. The Syllogism. Demonstration. Axioms and necessary truths. Fallacies.

V. Induction: its nature and ground; its relation to Deduction. Kinds of Induction. The Uniformity of Nature. Observation and Experiment. Experimental Canons. Hypotheses, Analogy, Scientific Explanation.

SECOND AND THIRD YEARS.

LOGIC.

Pass.

I. Nature and sphere of Logic. Its history. The Laws of Thought.

II. Concepts and Terms: their nature and kinds Abstraction. Controversies concerning Universals. The Predicables. The Predicaments. Definition. Division. Classification.

III. Judgments and Propositions. Predication. Import of propositions. Theories on the nature of judgment. Divisions of judgments Truth and Falsehood. Assent. Belief. Doubt. Opinion.

IV. Inference, immediate and mediate. The Syllogism. Demonstration. Axioms and necessary truths. Theories on the nature of Inference. The Logic of probability. Fallacies.

V. Induction. Its presuppositions. Its relation to Deduction. Theories of Induction. The Uniformity of Nature. The Law of Causation. Observation and Experiment. Experimental Canons. The special methods of inquiry in the various sciences. Hypothesis. Analogy. Scientific Explanation. Laws of Nature.

Honours Course.

A fuller treatment of the subjects in the Ordinary Course.

PSYCHOLOGY

Pass.

I. Scope of Psychology: its history; its branches, Methods of Psychology.

II. Life: its general nature, properties and grades. Characteristics of vegetable, animal, and rational life. Consciousness.

III. Sensation: Its conditions and attributes. Classification and measurement of sensation. The special senses. The connexions of sensations. Perception of extension, distance, motion, succession, rhythm. The inner senses. Commor

sensibility. Imagination. Memory. Association. Instinct. Growth of sense perception Theories of perception of the external world.

IV. Appetency and Feeling: their nature and kinds. Pleasure and pain. Movement. Habituation. Fatigue.

V. Intellectual Knowledge: conception, judgment, reasoning. Apperception. Attention.
The emotions, sentiments, and passions
The Will. Controversies as to Freedom of Will.

VI. The Soul: its nature and properties; its origin. Unity, simplicity, substantiality, and spirituality of the soul. Soul and body. Immortality.

Honours.

In addition to the Pass Course:—

I. (*a*) *Consciousness.*—Nature of consciousness. The "field." "Marginal areas." The sub-conscious, co-conscious and unconscious. Depth in consciousness. Unity.

(*b*) *States of Consciousness.*—Continuity and dissociation. Elements and linkages. Centre of consciousness. Sleep and dreams. Hypnotic and hypnoidal states. Hysteria and psychastenia. Multiple "personality." Unity of consciousness.

(*c*) *The Affirmations of Consciousness.*—The self. Unity in diversity. The other and the self. The beyond. The sense of identity, of action and passivity, of knowledge, effort and feeling.

II (*a*) *The Self in Experience.*—Direct and reflex consciousness. The "I." Degrees of self-consciousness. The morbid self. The disintegration of self. Monoideism and aideism. Psychic passivity. The self in its somatic and psychic manifestations. Illusion.

(*b*) *The Self behind Experience.*—Unity in consciousness. Our knowledge of the real self. The "ground" of the mystics. Introversion and metanoesis.

(*c*) *The Self Life.*—The life of sense, the psychic life, spiritual life. Interdependance and synthesis in the global personal life. The self and character. Temperament, habit and orientation. Multipli city and single-mindedness. The "converted" man. The mystic. The quest of reality.

METAPHYSICS.

Pass.

I. *General Metaphysics or Ontology*:

An elementary knowledge of Being; Existence; Essence; Potentiality and Actuality. The "Transcendentals" and the Categories.

II. *Special Metaphysics*:

(*a*) *Natural Theology.*—Exposition of the Nature and Attributes of God; Proofs of God's existence; Theism and Pantheism.

(*b*) *Cosmology.*—The Cosmos: its ultimate Character and Conditions; Matter; Motion; Time; Space. The Aristotelian theory of Matter and Form; of Entelechy and End.

(*c*) *Human Personality.*—The Problems concerning Personality.

III. *Metaphysics of Knowing*:

Theories of Truth and its Criteria. Controversies concerning origin, limits and validity of knowledge.

Honours.

A more detailed treatment of the Ordinary Course with reference to metaphysical controversies in ancient, mediaeval, and modern schools of philosophy.

ETHICS.

Pass.

I. *General Ethics*:

(1) Province and method of Ethics. Human acts. The final end.

(2) Good and evil. Natural distinctions of good and evil.

(3) Moral obligation. Conscience and the moral sentiments. Relation of freedom to Ethics.

(4) The moral criteria. Hedonism and Utilitarianism.

(5) The virtues. Merit. Punishment, and theories of punishment.

(6) Law: its nature and kinds. Right and its relation to Law.

II. *Special Ethics*:

Duties to God; to self; to other men.

The principles of Justice. Applications. Property. Duty of Veracity.

Ethics of homicide. Self-defence. Suicide. Duelling.

Society: its nature and ground. The family. Marriage and its attributes.

The State: its end and ground. The Social Contract Theory.

Honours.

A more detailed treatment of ethical controversies.

POLITICS.

Pass.

(1) Aim and Scope of Politics: its relation to History and Ethics.

(2) The State: its nature, origin and end. The State as a moral individual. Mass psychology and ethics. Autonomy, political and moral.

(3) Authority of the State. Properties of authority. State authority and civic duty. Rebellion. Source of authority. Scope of authority. Civil and religious liberty. Industrial freedom. Militarism. Socialism.

(4) The people. Question of citizenship and of aliens. Nationality as a formative principle of the State. Nature of nationality and its ultimate values. Area of government. Local autonomy.

(5) Law: its various kinds and their relations. Laws of State; their end, conditions and binding force. Constitutional law, its source and control.

(6) Forms of government: Representative government Questions of electorates, modes of election, the *referendum*, *initiative* and *recall*.

(7) Functions of government: legislative, executive and judicial. Two-chamber system. Cabinet government. Civil service and administration. Taxation.

(8) The State in its relation to other states. War and peace. Right of conquest. Federation of states. Imperialism. The Ethnarchy.

(9) Existing forms of government and administration in Great Britain, United States, France, Germany, Switzerland, Belgium and Italy.

Honours.

The same, but in greater detail and with fuller treatment of controversies.

EDUCATION.

The course in Education for the Ordinary Degree of B.A. extends over two years. Three Lectures on the course are given each week.

The subject-matter of the Course is the same as that prescribed for the Diploma in Education (see *infra*). At the Degree Examination the whole of the special subjects and special branches of method, as lectured on during the two preceding years, must be presented by each candidate.

FRENCH.

First Year.

Pass.

1. The following works:—
   Deux contes par Prosper Mérimée; Mateo Falcone et Le Coup de Pistolet.
   (Oxford French plain texts; Clarendon Press.)
   Carter, Chez les Français (A. & C. Black, London).
2. Grammar.
3. Practical exercises in the use of the spoken and written language.

Honours.

In addition to the Pass Course:—
Racine, Athalie.
Sandeau, Sacs et Parchemins.
Molière, Les Précieuses ridicules.

Second and Third Years.

Pass.

1. The following works:—
   Boileau—L'Art Poétique.
   Racine—Andromaque.
   Corneille—Le Cid.
   Lafontaine—Select Fables (Edition Hugon, Oxford, Clarendon Press).
   Molière—Le Bourgeois Gentilhomme.
   Taine—L'Ancien Régime, Bks. 1, 2 and 3.
2. History of French literature during the age of Louis XIV.
3. Darmesteter, Cours de Grammaire historique, Première Partie (Phonétique).

4. Practical exercises in the use of the spoken and written language.

Honours.

In addition to the Pass Course:—

Molière: Le Misanthrope; Les Femmes Savantes; L'Impromptu de Versailles.

Racine: Phèdre; Bérénice.

Corneille: Polyeucte.

Le Sage: Turcaret (Edition Thompson, Cambridge, University Press).

Marivaux: Le jeu de l'Amour et du Hasard.

La Bruyère; Caractères (Des Femmes, De la Société et de la Conversation, De l'Homme).

Oxford Book of French Verse—Selections from André Chénier, Lamartine.

Hugo, De Vigny, De Musset.

Sainte-Beuve—Selected Essays (Tilley, Cambridge Press).

(Except those on Bayle, Mme. Geoffrin, Montaigne and Taine.)

Chanson de Roland—Extraits (Gaston Paris).

Chefs-d'oeuvres des Poètes du XVIe siècle.

Ed. Lemercier (Hachette, Classiques français) (the selections from Ronsard).

Darmesteter, Cours de Grammaire historique Deuxieme Partie (Morphologie).

History of French literature, 1700-1850.

Essay.

GERMAN.

First Year

Pass.

1. The following works:—

The Oxford Book of German Verse (Clarendon Press): Poems of Goethe, Schiller, Uhland.

Gustav Freytag: Die Ahnen, Part I. Edited by Otto Ingo Siegsmann.

2. German Grammar and Syntax.

3. Phonetics applied to the study of German.

W. Viëtor: Deutsches Lesebuch in Lautschrift. Part ii. (Teubner, Leipzig).

4. Practical Exercises in the use of the spoken and written language.

H. S. Beresford-Webb: Manual of German Composition. (Longmans, Green & Co.)

Honours.

In addition to the Pass Course:—

1. The following works:—

The Oxford Book of German Verse (Clarendon Press): Volkslieder and nos. 212-446.

Lessing: Minna von Barnhelm. Edited by Buchheim.

2. Outlines of the History of German Literature during the 18th Century.

Second and Third Years.

Pass.

1. The following works:—

Lessing: Emilia Galotti. Edited by M. Winkler. (George Harrap and Co.).

Schiller: Wallensteins Lager, Die Piccolomini. Edited by K. Breul, Litt.D. (Pitt Press Series).

Schiller: Wallensteins Tod. Edited by K. Breul, Litt.D. (Pitt Press Series).

Schiller: Geschichte des dreissigjährigen Kriegs. Buch III. Edited by K. Breul, Litt.D. (Pitt Press Series).

Goethe: Iphigenie auf Tauris. Edited by K. Breul, Litt.D. (Pitt Press Series).

Goethe: Faust, Part I. Edited by C. Thomas. (Heath and Co.).

Die Schönsten Novellen Unserer Romantik. Edited by W. von Molo.

2. Middle High German:—

J. Wright: A Middle High German Primer, 3rd edition. (Clarendon Press).

3. German Prose Composition:—

E. Ehrke: A Guide to Advanced German Prose Composition. (Clarendon Press).

4. History of German Literature from 1748 to 1848.

Honours.

In addition to the Pass Course:—

1. The following works:—
   Lessing: Laokoon. Edited by A. Hamann and L. E. Upcott. (Clarendon Press).
   Schiller: Die Braut von Messina.
   Selections from the correspondence of Schiller and Goethe. Edited by J. G. Robertson. (Ginn and Co.).
   Friedrich Hebbel: Agnes Bernauer. Edited by M. B. Evans.
   Grillparzer: Sappho. Edited by W. Rippmann. (Macmillan and Co.).
   R. von Liliencron: Deutsches Lehen im Volkslied um 1530 (Kürschners Deutsche National-literatur).
2. Old High German:—
   J. Wright: An Old High German Primer. (Clarendon Press).
3. History of German Literature from 1170 to 1300 and 1700 to 1800.

ITALIAN.

First Year.

Pass.

1. The following works:—
   Goldoni, Il vero amico.
   Amicis, La Vita Militare (Selections).
2. Grammar.
3. Practical exercises in the use of the spoken and written language.

Honours.

In addition to Pass Course—

Metastasio, La clemenza di Tito.

Carcano, La madre e il figlio.

Second and Third Years.

Pass.

Manzoni, I Promessi Sposi (Hachette).
Alfieri, Oreste.
Tasso, La Gerusalemme Liberata, i.-iv.
History of Italian Literature: Il Trecento.
Elementary Phonetics applied to the study of Italian sounds.
Practical exercises in the use of the spoken and written language.

Honours.

Dante, L'Inferno.
Petrarca, I Trionfi.
Machiavelli, Istorie Fiorentine, Books i.-iv.
La vita italiana nel Trecento (Trèves).
History of Italian Literature: Il Quattrocento.
History of the Italian Language: Morphology.
Essay.

SPANISH.

First Year.

Pass.

1. The following works:—

Calderon, El Principe Constante.
Azorín, Lecturas Españolas (Nelson).

2. Spanish Grammar, including Etymology of easy words.

3. Practical exercises in the use of the spoken and written language.

Honours.

In addition to the Pass Course.

1. The following works:—

Luis de Ulloa y Pereyra, Raquel
Quintana, Francisco Pizarro.

Second and Third Years.

Pass.

Moreto, El Desden con el Desden.
Calderon, La Vida es Sueño.
Cervantes, Don Quijote, Part i.
History of Spanish literature during the eighteenth century.
Elementary phonetics applied to the study of Spanish sounds.
Practical exercises in the use of the spoken and written language.

Honours.

In addition to the Pass Course:—

Cervantes, Don Quijote, Part ii.
Lope de Vega, La Estrella de Sevilla.
Calderon, La Cena de Baltasar.
History of the Spanish language: Morphology.
Spanish literature during the seventeenth century.
Essay-writing.

ECONOMICS.

First Year.

Pass.

The Course for 1st year in the Faculty of Commerce.

Honours.

The Pass Course, also Economic History as set forth in the 1st year in the Faculty of Commerce.

Second Year.

Pass.

The Course as detailed for the 2nd year in the Faculty of Commerce.

Honours.

The Pass Course, also Course 3 (*a*) *and* (*b*) in the 2nd year of the Faculty of Commerce.

Third Year.

Pass.

Course 1 (*a*), (*b*), and (c) in 3rd year of the Faculty of Commerce.

Honours.

The Pass Course, also Course 2 (*a*) and (*b*) in the 3rd year of the Faculty of Commerce.

JURISPRUDENCE.

Second and Third Years.

Pass.

Jurisprudence (analytical and historical), principles of jurisprudence, analysis of law, sovereignty, positive law, sources of law, definition and classification of rights, early history of legal conceptions.

For reference and further study the following books are recommended:—

Salmond, Jurisprudence.
Maine, Ancient Law.
Maine, Early History of Institutions.

Honours.

In addition to Pass Course—theory and principles of legislation.

For reference and further study:—
Graham, English Political Philosophy.
Green, Principles of Political Obligation.
Coulanges, La Cité Antique.

LEGAL AND POLITICAL SCIENCE.

Second Year.

(*a*) *Modern History.*—European History and History of England and Ireland from 1500 to 1815.

(*b*) *Politics.*—(1) Aim and scope of Politics; its relation to History and Ethics.

(2) The State: its nature, origin, and ends. Authority of the State. Properties of Authority. The People. Question of

Citizenship and of Aliens. Nationality as a formative principle in the State. Area of Government.

(3) Law: its various kinds and their relations. Laws of State: their end, conditions and binding force.

(4) Form of Government. Representative Government. Questions of Electorates. Modes of election. The *referendum* and *initiative*.

(5) Functions of Government: legislative, executive, and judicial. Two-chamber system. Cabinet Government.

(*c*) *Economics*.—Scope and Method. Fundamental Notions. Wealth, Value, &c. Factors of Production. Land, Labour, and Capital. Theories of Value. International Trade. The Foreign Exchanges. Rent. Interest. Profits and Wages.

Books recommended:

Marshall, Principles of Economics.

Gide, Political Economy.

Or,

Economic History—Economic History of Great Britain and Ireland, with special reference to England and Ireland in the eighteenth and nineteenth centuries.

Third Year.

(*a*) Constitutional History:

Constitutional History of England and Ireland

(*b*) Jurisprudence:

Scope and Method. Sources of Law. Early History of Legal Conceptions. Sovereignty.

Books recommended—Maine, Ancient Law; Salmond, Jurisprudence.

Or,

Roman Law—Historical Development of Roman Law.

Book recommended—Sohm, Institutes of Roman Law.

(*c*) Law of Real and Personal Property.
Book recommended—Strahan and Baxter, Law of Property.

Or,

Equity—Maxims of Equity. Trusts. Mortgages and Specific Performance.
Book recommended—Asburner, Principles of Equity.

MATHEMATICS.

The courses for the Examinations in the Faculty of Arts are the same as those for the corresponding Examinations in the Faculty of Science.

MATHEMATICAL PHYSICS.

The courses are the same as those for the corresponding Examinations in the Faculty of Science.

EXPERIMENTAL PHYSICS.

First Year.

The courses for the First University Examination in Arts are the same as those for the First University Examination in Science.

BOTANY AND ZOOLOGY.

First Year.

The courses for the First University Examination in Arts are the same as those for the First University Examination in Science.

CHEMISTRY.

First Year.

The courses for the First University Examination in Arts are the same as those for the First University Examination in Science.

PHYSICAL GEOGRAPHY

First Year.

The Courses for the First University Examination in Arts are the same as those for the First University Examination in Science.

REGULATIONS FOR COURSES OF STUDY AND EXAMINATIONS FOR THE DEGREE OF M.A.

1. Candidates for the Degree of M.A. are by the University Statutes divided into three classes, namely:—

CLASS I.—Bachelors of Arts of at least three terms' standing, who after graduation have pursued for one year an approved post-graduate course in Arts, and have presented a satisfactory dissertation based upon their work during that year, and have performed such other exercises as may be prescribed.

CLASS II.—Bachelors of Arts of at least three terms' standing, who, after obtaining the Degree—

(*a*) shall have pursued for three terms an approved post-graduate course of study in Mathematics or Mathematical Physics, or in both Mathematics and Mathematical Physics; and

(*b*) shall have passed a special Examination for the Degree of Master of Arts on the approved post-graduate course of study which they shall have pursued. Candidates will be at liberty to submit a dissertation on any branch of Mathematics or Mathematical Physics, and such dissertation may be taken into account by the Examiners in making their recommendations.

CLASS III.—Bachelors of Arts of at least six terms' standing, who after graduation have presented a satisfactory dissertation, and have passed a special examination for the Degree of Master of Arts, and have performed such other exercises as may be prescribed.

GENERAL REGULATIONS FOR CANDIDATES FOR THE DEGREE OF M.A.

(1) All Candidates for the Degree of M.A. must notify to the Dean of the Faculty of the College the subject chosen for the dissertation, at least six months before the date of the Examination.

(2) Three copies of dissertations must be sent to the Supervisor of Examinations, University College Galway.*

3) There shall be orals in Greek, Latin, Modern Foreign Languages and Irish.

(4) First and Second Class Honours shall be awarded.

REGULATIONS FOR CANDIDATES IN CLASS I.

Candidates in this Class are Bachelors of Arts who desire to take the Degree of Master of Arts as the result of original research. They shall—

(1) propose to the Academic Council, after consultation with the Dean of their Faculty, the courses of post-graduate study which they desire to pursue, and shall indicate the methods of study which they contemplate following during the period of one year's post-graduate study. The Academic Council, if satisfied that such courses are of sufficient scope and standard, shall approve the same with or without modifications ;

(2) present a satisfactory dissertation on the work done by them during the year ;

and (3) pass a general qualifying examination, except as provided in the following paragraph.

Candidates in any subject who have obtained Honours in that subject at the examination for the Primary Degree shall be exempt from the general qualifying examination. Candidates who have not so obtained Honours shall be required to attain an Honours standard at a general qualifying examination as specified below. But Candidates in Ancient Classics and Archaeology who devote two or more years to their Dissertation may be exempted from such examination, even if they have not obtained Honours at the examination for the Primary Degree.

* These three copies will not be returned, and candidates are advised to keep any copies they may require.

The particulars of the written examination to be required under Mode I. from candidates who did not obtain Honours at their Primary Degree are as follows :—

(1) In Ancient Classics, papers for translation of unprescribed matter into English, and papers for composition or translation from English.

(2) In Mathematical Science, as in Mode 2, provided that candidates have attended Honours Course for Primary Degree to the satisfaction of the Professors and Lecturers concerned.

(3) In English Language and Literature, and in Modern Languages and remaining subjects in the Faculty of Arts—a paper or papers on the whole or such part of the subject matter of the syllabus of the course for Mode 3 as the Professors and Lecturers may determine.

Regulations for Candidates in Class III

(1) Candidates who fulfil the requirements of the Statute as set forth above shall be required—(*a*) to present a satisfactory dissertation; (*b*) to pass an examination in one of the following branches of study :—(1) Ancient Classics—*i.e.*, Greek and Latin, with Ancient History. (2) Celtic Studies; Early, Mediaeval, and Modern Irish Language and Literature, and Welsh. (3) English Language and Literature. (4) French Language and Literature, and Romance Philology. (5) Italian Language and Literature, and Romance Philology. (6) German Language and Literature and Teutonic Philology. (7) Mathematical Science. (8) Modern History. (9) Economics. (10) Logic and Psychology Metaphysics and Ethics. (11) Educational Science; and (*c*) must give six months notice to the Dean of the Faculty concerned of the branches of study in which they intend to present themselves for Examination.

(2) The following are the Courses for Candidates in Class III. :—

CELTIC STUDIES.

For the course of study and the Examination Course for M.A. in Celtic Studies see p. 47.

CLASSICS (GREEK AND LATIN).

A. Any *three* of the following groups :—

I. Thucydides, and Tacitus, Annals.

II. One Greek Dramatist, and Plautus (a selection).

III. Homer, Iliad or Odyssey, and either Vergil or Lucretius.

IV. Plato's Republic or Aristotle's Politics, and Cicero's de Re Publica and Tusculan Disputations.

V. Pindar, and either Terence or Catullus with Horace's Lyrics.

VI. Aristotle's Rhetoric and Poetics; Longinus on the Sublime; Cicero's de Oratore and Orator.

B. Either (*a*) Greek and Roman History; Greek to 323 B.C.; Roman, from 133 B.C. to A.D. 180; a general knowledge will be required, including history of literature.

Or, (*b*) Classical Philology.

C. A dissertation on some subject connected with the course pursued by the Candidate.

Candidates are recommended to consult the respective Professors before selecting their course. Some modifications of the groups of authors may be permitted.

ENGLISH LANGUAGE AND LITERATURE.

The Courses of study and Examination are :—

1. The History of English Literature from its beginnings to 1850.

2. Special knowledge of Elizabethan Drama, based upon the works of Shakespeare, Marlowe, and Ben Jonson.

3. History of the English Language and Philology, including the study of Old-English as seen in Sweet's Anglo-Saxon Reader.

The Dissertation may be upon any subject arising out of 1, 2, or 3.

FRENCH LANGUAGE AND LITERATURE AND ROMANCE PHILOLOGY.

1. The following works:—

   La Chanson de Roland.
   Taine: Le Régime Moderne.

2. The History and Philology of the French Language, Romance Philology.
3. History of French Literature.
4. Special subject of study: The French Drama of the Age of Louis XIV.
5. Essay in French.
6. A Thesis, in French, on a subject to be selected from French Literature or Romance Philology.

ITALIAN LANGUAGE AND LITERATURE AND ROMANCE PHILOLOGY.

1. The Works of the following authors:—

   Dante, Petrarca.

2. The History and Philology of the Italian Language, Romance Philology.
3. The Literature of the Nineteenth Century. First-hand acquaintance with the leading prose authors of the Nineteenth Century.
4. Special study: The Italian Drama in the Nineteenth Century.
5. An Essay in Italian.
6. A thesis in Italian on a subject to be selected from Italian Literature or Romance Philology.

GERMAN LANGUAGE AND LITERATURE.

1. Thesis on any subject connected with German Literature or Philology.
2. History of German Literature.
3. History of the German Language (including a knowledge of Gothic.
4. Special Study of:—Walther von der Vogelweide, Das Nibelungenlied, Kudrun.
5. Essay in German.
6. Special Study of:—The German Drama in the Nineteenth Century.

MATHEMATICAL SCIENCE.

The candidate will be examined in any *two* of the following subjects:—

Geometry of Two Dimensions.
Geometry of Three Dimensions.
Theory of Functions of a Real Variable.
Theory of Functions of a Complex Variable.
Mathematical Theory of Electricity and Magnetism.
Dynamics.
Hydrodynamics.
Physical Optics.
Mathematical Theory of Elasticity.

The candidate's dissertation may be on any part of Pure or Applied Mathematics.

MODERN HISTORY.

The General Course in Modern History will comprise European History from A.D. 800 to A.D 1878.

The Course in Constitutional History will be an extension of the B.A. Honours Course.

ECONOMICS.

1. Economic principles and their application to present-day economic conditions.
2. History and development of Economic Ideas.
3. Economic History of Ireland and Great Britain from 1760

4. Special Subject—One of the following :—
   (*a*) History, Theory, and Organisation of Banking and Currency.
   (*b*) History, Theory, and Organisation of Transport.
   (*c*) Taxation and Public Finance.
   (*d*) Foreign Trade.
5. Dissertation.

MENTAL AND MORAL PHILOSOPHY.

Class I.

Post-Graduate Course of Three Terms.

I. A general range of Studies, under the direction of the Professor, in any of the following subjects: — Logic, Psychology, Ethics, Metaphysics, and Politics.

II. Lectures on questions or problems as set forth under each subject.

The subject of the Dissertation presented by a Candidate shall be selected from the lists of special subjects, or from subjects of like nature and difficulty in that branch of study which the Candidate is pursuing.

Logic.

(1) The problem of Universals.
(2) Logic of Science.

Psychology.

(1) Theories of Consciousness and the Sub-Conscious.
(2) The psychology of the individual and the crowd.

Ethics

(1) Current Ethical Theories.
(2) The Pre-suppositions of Ethics.
(3) Conscience.

Politics

(1) The Individual and the State.

Metaphysics

(1) Selected dialogues of Plato.
(2) Aristotle: De Anima.
(3) Plotinus: selections from the Enneads
(4) The Idea of God in Philosophy.

CLASS III.

Examination at least Six Terms after B.A. Degree.

The subjects of the Examination are any three of the following:—

Logic, Psychology, Ethics, Politics, and Metaphysics.

Candidates must show in the subjects chosen for Examination a wide and detailed acquaintance with the Honour Courses for B.A., with special reference to the more important philosophical controversies in ancient, mediaeval, and modern times.

EDUCATIONAL SCIENCE.

Post-Graduate Course of Three Terms.

Graduates entering on this Course who have not obtained the Higher Diploma in Education of the University, or an equivalent post-graduate qualification in another University chartered under the Crown, shall attend as part of this Course the lectures in the Higher Diploma Course, and shall also perform the exercises connected with that Course.

I. *Psychology.*

(*a*) The history, methods, and results of Experimental Psychology as applied to Education.
(*b*) Scientific method as applied to Education.

II. *Educational Theory.*

A detailed critical knowledge of the Educational Theory of Plato, and its application to the discussion of modern educational problems.

III. *History of Education.*

(*a*) The development of the Mediaeval University System, with special reference to the range of studies and teaching methods in the faculty of Arts.

(*b*) The development of State Control of Education since the Industrial Revolution, with special reference to Ireland, Great Britain, France, and Germany.

IV. *Educational Practice.*

A detailed critical knowledge, theoretical and practical, of the methods applicable in one usual subject of class-teaching in all degrees of education. An advanced knowledge of the subject, and of the history of its development and educational uses, will be required.

Candidates must declare their choice of a special subject in this section when entering for the Examination.

The Dissertation to be presented for the Degree of M.A. in Educational Science should lie within the departments of study specified for the Degree, or in cognate studies. The Dissertation should be of such scope as to afford adequate opportunity for the treatment of philosophical principles and methods, of historical development, and of contemporary practice relating to the topics selected.

Examination at least six terms after B.A. Degree.

The subjects are those set forth in the general range of Studies prescribed for the Post-Graduate Course as above, in

I. Psychology;
II. Educational Theory;
III. History of Education;
IV. Educational Practice;

and, in addition, the subject-matter of the course prescribed for the Higher Diploma in Education in respect

of the Academic year next preceding the Examination for the M.A. Degree.

Candidates who have obtained the Higher Diploma in Education of this University, or an equivalent qualification in another University, shall, at the discretion of the Professor of Education, be exempt from Examination in the subject-matter of the Higher Diploma Course, as part of the Examination for the M.A. Degree. The subject-matter of the Dissertation to be presented should lie within the departments of study specified for the Examination or in cognate studies.

DIPLOMAS IN EDUCATION

I.—The Higher Diploma in Education.

The courses for the Higher Diploma extend over three terms. Examinations for the Higher Diploma are held in Summer and in Autumn. The Higher Diploma shall be awarded to students of the College who shall have attended the full Course of Lectures in the Theory and Practice of Education, and shall have, in addition, performed such other exercises, in the Practice of Education as shall have been prescribed, and shall have passed the Higher Diploma Examination not less than three terms after obtaining a primary degree.

The course for the Higher Diploma shall be that set forth at the end of these regulations.

The other exercises required for the Higher Diploma shall be:—

1. The preparation, under direction, of at least two papers during each term, on educational questions;
2. The preparation, under direction, of plans of work and of notes of lessons;
3. Participation in criticism lessons and in discussions in model lessons;
4. Teaching, under supervision and direction, for at least one hundred hours during the year preceding the completion of the course. Candidates for the Higher Diploma are strongly advised to make arrangements for undertaking regular work as teachers, extending

over the whole *school* year preceding the completion of the Course, and amounting to about two hundred hours in all.*

Attendance at the final Ordinary Course in Education, for the Degree of B.A., and passing of the Degree Examination in that subject, shall not be a ground of exemption from any part of the Higher Diploma Course.

COURSE FOR THE HIGHER DIPLOMA IN EDUCATION.

Lectures will be delivered during five hours each week on:—

I. *Philosophy as applied to Education*: viz.:—
Educational Psychology, Logic, Ethics; Character formation; Experimental tests; critical study of the tenets of leading Educational writers.

II. *The History of Education* with particular reference to the range of the Curriculum and to the development of Theory, Method, &c., at various epochs. Special study of the following works:—
1. *Aristotle on Education* (Burnet: Pitt Press).
2. *Newman*: Three Discourses in *The Idea of a University*, viz.:—Knowledge its own and—Knowledge viewed in relation to Learning—Knowledge viewed in relation to Professional Skill.

III. *The Principles of School Management, Organisation and Hygiene.*

IV. *General and Special Teaching Method*, including lectures on the general principle of teaching school subjects and on the special methods of teaching for particular branches of study. The lectures on Special Method will vary with the requirements of Candidates.

* Facilities for class-room practice are provided in Galway by arrangement with the Heads of the various Educational Establishments

II.—The Diploma in Education.

A. Course for the Diploma in Education.

1. Outlines of Philosophy applied to Education.
2. Outlines of the History of Education since the close of the Middle Ages, especially as illustrating the development of Elementary, Industrial and Technical Education in Ireland
3. Outlines of General Educational Method and Organisation, with their special application to important branches of the school curriculum

B. The Examination for the Diploma in Education is held once in each year, and is open to

(*a*) Students of the College who shall have—

(1) Completed satisfactorily a two-year course of training in a Training College recognised by the Board of National Education, or such other training course as the University may accept as equivalent thereto.

(2) Attended lectures for Three Terms in the Philosophy, History and Practice of Education and in any *two* of the following *Honours* Courses of the First Year, and passed the corresponding University Examination with Honours, or reached a standard approximate to that required for Honours: Irish, English, French, Latin, Mathematics, Logic, Modern History, Experimental Physics, Chemistry, Botany, Zoology, Economics and Economic History.

(Provided that, with the approval of the Professor of Education, one or more of these Courses may be replaced by an equal number of Honours

or Pass Courses of subsequent years and that Candidates for the Diploma shall be at liberty to present the Pass Course in *Mathematics*, and shall be adjudged to have qualified for the Diploma in respect of that Course, in case of obtaining 50 per cent. of the total number of marks assigned to that Course. A Course in Celtic Archæology has been approved of for this purpose by the Professor of Education.)

(3) performed the other exercises prescribed for the Diploma.

(*b*) Matriculated students of the University who, having passed the First Examination of the University in any Faculty, shall have attended the lectures in Education for Six Terms and shall have performed the other exercises prescribed for the Diploma.

The other exercises required for the Diploma shall be—

(1) The preparation, under direction, of three papers during each term on educational questions;

(2) The preparation, under direction, of plans of work and notes of lessons;

(3) Teaching under supervision and direction, with criticism lessons and model lessons, for at least sixty hours during the Course.*

Provided that a candidate who has obtained the full certificate of the Board of National Education may, at the discretion of the Professor of Education, be exempted from this exercise in whole or in part.

National Teachers who have been engaged in teaching for at least five years, provided that they pass a special Entrance Examination for admission to the Diploma Course, will not be required to attend lectures throughout Three Terms. They will be required to attend during Michaelmas Term—

(1) A special course in the Philosophy, History and Practice of Education.

* Facilities for class-room practice are provided in Galway by arrangement with the Heads of the various Educational Establishments.

(2) Honours Lectures in *two* of the courses mentioned above, or Pass Lectures in Mathematics and Honours Lectures in one of the Courses mentioned above, B (2), and such additional Supplemental Lectures in other Courses than the First Arts Courses as may be suitable to the requirements of the students.

To obtain the Diploma, Candidates must pass the Diploma Examination in Education, and attain, or approximately attain, the Honours standard at the University Examination in the two Courses selected, or attain 50 per cent. in the Pass Course in Mathematics, and attain, or approximately attain, the Honours standard in the Honours Course selected.

The Entrance Examination for such students to be passed previously to admission to the Diploma Course will be in three subjects from the following list:—Latin, English, French, Irish, Mathematics, Experimental Physics, Botany, History and Geography, Logic, Chemistry, Physiology and Hygiene.

The Entrance Examination shall be the College Entrance Scholarship Examination, provided that in the case of subjects in which less advanced papers are set for Candidates for Agricultural Scholarships such papers may be taken.

THE FACULTY OF CELTIC.

(1923–1924).

Dean of the Faculty—

PROFESSOR O MAILLE.

Professors.

Irish Language, Philology, and Literature—

TOMAS O MAILLE, M.A. (Manchester), Ph.D. (Freiburg).

History—

M. J. D. O'SULLIVAN, M.A.

Celtic Archæology—

REV. J. HYNES, M.A., B.D.

Lecturers.

Modern Irish—

SEAGHAN PADRAIC MAC ENRI, M.A., M.D. (Dublin).

The Degree of Master of Arts in Celtic Studies may be obtained on the following conditions:—

Class I. The candidate must be a Bachelor of Arts of at least one year's standing, who

(*a*) shall have pursued for one year a prescribed post-graduate Course in Celtic Studies;

(*b*) shall have written and presented a satisfactory dissertation based upon the work done, or the study pursued, by him during the year; and

(*c*) shall have performed such other exercises as may be prescribed to that end;

Or,

Class III. The candidate must be a Bachelor of Arts of at least two years' standing, who, after graduation,

(*a*) shall have written and presented a satisfactory dissertation;

(*b*) shall have passed a special examination for the Degree; and

(*c*) shall have performed such other exercises as may be prescribed for that end.

Post Graduate Courses.

For students wishing to take a Degree in the Faculty of Celtic, Courses will be arranged in the following subjects:—

1. Modern Irish Dialects.
2. Old- and early Middle-Irish texts.
3. Middle and Modern Welsh texts.
4. Celtic Philology.
5. Celtic Archæology.
6. Irish History.

Times will be set apart for the discussion of Degree dissertations.

Examination Courses.

The subjects of Examination are:—

Any two of the following:—Early and Mediaeval Irish, Modern Irish, Welsh, Celtic Archæology, Irish History.

The Dissertation may be on a subject connected with one of the languages selected.

Early and Medieval Irish.

An Examination in the following texts:—

The Würzburg Glosses in the Thesaurus Palaeohibernicus.
Táin Bó Cuailnge (Strachan and O'Keefe).
Aislinge Meic Conglinne (Meyer).
Acallamh na Senórach.
The Grammar of Early and Mediaeval Irish.
Comparative Grammar of Old Irish; or, Irish Historical Grammar.
Irish Metrics.

Modern Irish.

An Examination in the following books:—

Keating's History, vol. i.—Edited by Comyn.
Keating's History, vols. ii and iii.—Edited by Dineen.

Alasdair Mac Colla (Lloyd).
Pierce Fitzgerald's Poems.
Dánta Grádha (O'Rahilly).
Raftery's Poems (Hyde).
The Carolan collection of poems (O Máille).
Hyde's Literary History of Ireland.
The speaking of Irish to be judged by an oral test.
An Essay in Irish, and translation into Irish.

Welsh.

Welsh Philology.

The following works:—
Pedeir Keinc y Mabinogi.
Breuddwyd Maxen.
Cyfranc Lludd a Llevelys
Dafydd ap Gwilym a'i Gyfoeswyr (Ifor Williams selections).
Tudur Aled and William Llyn (selected poems).
Welsh Literature, from its beginnings down to 1550

Celtic Archaeology.

The Stone, Bronze and Iron Ages. The Celts: their Origin, Distribution, Organisation, Laws, Religion, Art, and Place Names. The Early Christian Period.

Irish History.

The subjects for Examination are:—

A. The Courses in Mediæval and Modern Irish History as set forth in the Syllabus of Honours Courses for the B.A. Degree in History. Candidates will be required to show a minute knowledge of the subject-matter and a knowledge of the sources;

or,

B. Ancient Irish History, including the following:—
The political and social institutions of Ancient Ireland.
The events and sequence of Ancient Irish history, political and ecclesiastical.
The learning, arts and industries of Ancient Ireland.
An acquaintance, with the results of recent researches on the subject.

DIPLOMA IN IRISH STUDIES.

(1) The Diploma in Irish Studies will be awarded to teachers or matriculated students who:—

(a) pass the prescribed entrance Examination in Irish;

(b) attend for one Session a prescribed course, and pass the preliminary examination; and

(c) attend subsequently for a second session a further prescribed course, and pass the final examination.

NOTE.—The lectures will deal with the Course outlined in the following syallabus, but no guarantee can be given that the whole course will be covered by these lectures.

(2) *Entrance Examination in Irish.*

This examination will be oral and written. The course for the written examination is the course in Irish prescribed for the Matriculation or Senior Grade Intermediate Examination. The following are exempted from the written examination:—

(*a*) teachers who have passed in Irish at the King's Scholarship Examination, or who possess a certificate from a Gaelic Training College; and

(*b*) Students who have passed in Irish at the Senior Grade Intermediate or Matriculation Examination.

(3) *Preliminary Examination.*

1. *Irish* :—

(*a*) The speaking of Irish. (This includes a course of instruction on Irish phonetics).

(*b*) Irish Composition and Essay-writing.

(*c*) The following works :—

Oiɔe Cloinne Tuireann, nó, Oiɔe Cloinne Uisniġ.

Ó Máille, Naoi nGáɓaɔ an Ġiolla Ɗuiɓ.

Ó Seoċnaɔa, Eaċtra Ċaiɔġ Mic Céin, nó, An Ġaoċ Aniar (Ó Máille).

Tíġ na nIongantas (Ó Conaire).

Iosaġán (P. Mac Piarais).

Lúb na Caillige (Mag Ruaiɔrí).

Mac Énrí, Láim-leaɓar na Gaeɔilge (Gramaɔaċ agus Cumaɔóireaċt).

(*d*) The literature of (late) Modern Irish.

(*e*) The Grammar of Modern Irish.

(*f*) Prosody : the metre of the poems in the texts.

2. *Irish Archaeology.*

The Preliminary Examination will be conducted exclusively in Irish.

(4) *Final Examination.*

1. Irish.

(*a*) The Speaking of Irish.

(*b*) Original Irish Composition and Translation into Modern Irish.

(*c*) The following Works :—

Imtheachtaí Fhíonsúin (Ó Neachtain). Cuid a dó.

Aodh Ó Néill (Mag Ruaidhrí).

Laoi Oirín ar Chíp na nÓg.

Cnoc na nGabha. Cuid a III. (M. Bheachnach).

Keating. Forus Feasa ar Eirinn (Selections).

Strachan's Stories from the Táin.

Strachan's Selections from the Glosses.

(*d*) Irish Literature.

(*e*) Irish Phonetics.

(*f*) The Grammar of Modern Irish. The Grammar of Old Irish.

(*g*) Historical Irish Grammar.

(*h*) Irish Folk-lore.

(*i*) Candidates must submit to the Examiners one or more articles of not less than 1,000 words written in Irish and published in some recognized Irish periodical such as "An Stoc," "Fáinne an Lae," "An Sguab," etc. Articles not published, but submitted to the Examiners at least one month before the Examination may in some cases be accepted.

2. Teaching, through the medium of Irish, of two of the following subjects :—

1. History and Geography.
2. Latin or Greek.
3. French or German.
4. English.
5. Mathematics.

The Final Examination will be conducted exclusively in Irish. With the approval of the Celtic Faculty a thesis or work of research (to include translation of scientific works or Classics from other languages) may be accepted in lieu of portion of the Final Examination.

THE FACULTY OF SCIENCE.

(1923-1924).

Dean of the Faculty—
PROFESSOR POWER.

Professors.

Mathematics—
MICHAEL POWER, M.A , B.Sc.

Physics—
ALEXANDER ANDERSON, M.A., Hon. LL.D. (Glasgow), Hon. D.Sc., late Fellow of Sidney Sussex College, Cambridge, President of the College.

Chemistry—
THOMAS DILLON, M.A., D.Sc.

Natural History—
JOSEPH MANGAN, M.A., F.R.C.Sc.I.

Anatomy—
STEPHEN SHEA, M.B., B.Ch., B.A.O.

Physiology—
JOSEPH F. DONEGAN, B.Sc., M.B., B.Ch., B.A.O.

Pathology—
THOMAS WALSH, M.A., M.D., B.Ch., B.A.O., D.P.H, H. Dip. in Ed.

Electrical Engineering—
WILLIAM G. GRIFFITH, B.Sc. (London), A.M.I.E.E

Geology and Mineralogy—
JAMES MITCHELL, B.Sc., B.E , F.G.S.

Assistants and Demonstrators.

Demonstrator in Chemistry—
MISS R. CLARKE, B.A., D.Sc , F.I.C.

Demonstrator in Anatomy—
(To be appointed at the beginning of the Session).

Assistant in Pathology—
(To be appointed at the beginning of the Session).

Assistant in Physics—
John J. McHenry, B.A., M.Sc.

Assistant in Natural History—
MISS H. CLARKE, M.Sc.

Assistant in Mathematics—
(To be appointed at the beginning of the Session).

REGULATIONS FOR COURSES OF STUDY AND EXAMINATIONS LEADING TO THE DEGREE OF B.Sc.

1. After Matriculation, candidates for the degree of B.Sc. are required to pass the First University Examination and the Degree Examination.

2. At least three terms, or one academic year, must elapse between Matriculation and the First University Examination, and at least six terms, or two academic years, between the First University Examination and the Degree Examination; excepting as provided in regulation 7 *infra*.

First University Examination.

3. The following are the subjects of the First University Examination:—

Group A.	*Group B.*
Mathematics.	Irish.
Mathematical Physics.	Greek.
Experimental Physics.	Latin.
Chemistry.	English.
Botany.	French.
Zoology.	German.
Logic.	Italian.
Physical Geography.	

4. Students must present themselves for examination at the end of their first academic year either in *five* subjects, of which four shall be taken from Group A and one from Group B, or in four subjects selected as follows:—

(*a*) Mathematics;
(*b*) Mathematical Physics;
(*c*) Experimental Physics *or* Chemistry;
(*d*) A subject from Group B.

Students must have previously attended a Course of three terms' lectures in each subject chosen.

5. There will be separate ordinary and honours papers at the First University Examination in all subjects.

6. The Examination may be taken in two parts:—

Part I.—A Language from Group B.
Part II.—The Science subjects from Group A.

7. Candidates who fail to pass the Examination at the end of their first academic year may nevertheless (provided that the Academic Council grants permission) attend the courses for an ordinary degree (but not for a degree with honours) in their second year; but such attendance shall not be reckoned as qualifying for the Degree Examination unless the First University Examination is passed at the end of the second academic year.

B. Sc. Degree Examination.*

8. The subjects for the Degree Examination are as follows:—

Mathematics.	Geology and Mineralogy.
Mathematical Physics.	Anatomy and Anthropology.
Experimental Physics.	Physiology.
Chemistry.	Electrical Engineering.
Zoology.	Pathology and Bacteriology.
Botany and Plant Physiology.	

9. Candidates may present themselves for the Degree of B.Sc. either as an ordinary Degree or as a Degree with Honours, after passing the First University Examination.

10. The Degrees of B.Sc. and B.A. cannot be obtained simultaneously, or at separate examinations, in the same groups or in groups which are partly the same.

Nevertheless—

"(*a*) a student who having passed the Degree Examination of either B.A. or B.Sc. Pass Degree and subsequently proceeds to the Pass Degree of B.Sc. or B.A. shall, if he has credit for subjects by the Rules applying to Exemptions, be required to present two additional subjects only for the Degree Examination subsequently taken.

(*b*) a student who having passed the Honours Degree Examination of either B.A. or B.Sc. Degree and subsequently proceeds to the Pass Degree of B.Sc. or B.A. shall, if he has credit

* See "B.Sc. in Public Health."

for subjects by the Rules applying to Exemp tions be required to present two additional subjects only for the Pass Degree Examination subsequently taken."

11. Candidates for an ordinary Degree must attend lectures in three subjects for at least two academic years, and must pass an examination in the chosen subjects as a whole.

12. Candidates for a Degree with Honours must attend lectures in two subjects extending over two Sessions after passing the First University Examination and must pass an examination in the chosen subjects as a whole.

The Academic Council may, in exceptional circumstances, permit a student to take one of the above subjects as a **major** subject and one other of the above subjects (or part thereof) as a **minor** subject.

But this permission will not be given unless on the recommendation of the Professors concerned and of the Faculty of Science.

The standard required in the **minor** subject will be higher than that in the examination for the ordinary Degree.

13. Candidates who choose for the Degree subjects which occur on the list of subjects for the First Science Examination and who have not passed that Examination in those subjects must first satisfy the Academic Council, on the recommendation of the Professors concerned, that they are competent to profit by the second year lectures in the subjects so chosen

14. At the Degree Examination each candidate for Honours will be required to translate at sight from an original paper, on one of his subjects, in French or German or Italian. (The language and subject to be selected by the candidate.)

Note.—In practical examinations involving laboratory work the examiners will take into account the practical work done by the candidate while preparing for the examination, as shown by the certified records of his work, such as notebooks, laboratory specimens and preparations, &c., which must be sent in for inspection.

DETAILS OF COURSES.

MATHEMATICS.

N.B.—Each Course is to be taken as including the subjects in all the Courses which precede it.

The subjects of examination are—

First Year.

Pass.

Arithmetic—(Algebraic symbols may be employed).

Algebra—Definitions and explanation of algebraical signs and terms. Addition, subtraction, multiplication and division. Fractions. Simple and quadratic equations in one or more unknowns. Determination of common factors. Ratio, proportion and variation, involution and evolution. Indices. Surds. Arithmetical, geometrical and harmonic progressions. Annuities. Permutations and combinations. Binomial theorem for a positive integral exponent. Nature and use of logarithms. Graphical methods. Problems.

Geometry—Euclid, Books i., ii., iii., iv., vi., and the definitions of Book v., or the subjects thereof.

Questions may be set in Practical as well as Theoretical Geometry. The figures should be drawn accurately. Every candidate shall provide himself with a ruler, graduated in inches and tenths of an inch, and in centimetres and millimetres, two set squares, a protractor, compasses, and a hard pencil. In particular questions the use of certain instruments may be forbidden.

Trigonometry—Methods of measuring angles. Definitions of the trigonometrical ratios. Values of the trigonometrical ratios of the simpler angles. The easier analytical formulæ for one or more angles. Solution of plane triangles. Mensuration of the triangle and circle. Use of tables.

Honours.

Algebra—The Pass course treated more fully. Elementary properties and simpler transformations of equations. Approximate solution of numerical equations. Algebraic solution of cubic equations. Determinants.

Pure Geometry—Euclid, Books i., ii., iii., iv., vi., with definitions of Book v., or the subjects thereof. Deductions. Euclid, Book xi., propositions 1 to 21, inclusive. Deductions. Elementary properties and mensuration of the Prism, Pyramid, Cone of Revolution, and Sphere. Geometrical treatment of Conic Sections.

Analytical Geometry—The straight line and circle. Equations of the Conic Sections deduced from their geometrical definitions, with their elementary properties. Problems.

Trigonometry—The Pass Course treated more fully. Properties of circumscribed, inscribed, and escribed circles of a triangle. Quadrilaterals. Heights and Distances.

Differential Calculus—Differentiation of functions, explicit and implicit of a single variable. Tangents and normals to plane curves. Maxima and minima of functions of a single variable.

Second and Third Years.

Pass.

(The Course extends over two years).

The subjects contained in the First Year Pass Course, and

Algebra—Simpler methods of summation of series. Elements of Determinants. First Principles of the Theory of Equations.

Pure Geometry—Euclid, Book xi., propositions 1 to 21, inclusive. Easy deductions. Elementary properties and mensuration of the Prism, Pyramid, Cone of Revolution, and Sphere. Plane Sections of the Right Cone and Cylinder. Simpler Geometrical properties of Conic Sections.

Plane Trigonometry—Properties of circumscribed, inscribed, and escribed circles of a triangle. Quadrilaterals. Heights and distances. De Moivre's Theorem.

Spherical Trigonometry.

Analytical Geometry—Elementary applications of co-ordinates to the straight line and circle. Equations of the Conic Sections deduced from their geometrical

definitions, with their elementary properties. Easy problems. Application of co-ordinates to the plane and sphere. Simpler properties of the surfaces of the second degree.

Differential Calculus—Differentiation of functions, explicit and implicit. Expansions of functions of a single variable. Maxima and minima of functions of a single variable. Tangents, normals, and curvature of plane curves. Envelopes.

Integral Calculus—Integration of functions of a single variable. Reduction formulæ. Quadrature and rectification of plane curves. Quadrature and cubature of solids of revolution.

Honours.

(The Course extends over two years).

Algebra—Summation of Series. Inequalities. Continued Fractions. Theory of Numbers. Determinants. Theory of Equations.

Geometry of Two Dimensions—Reciprocal polars and projection; curve tracing; general properties of plane algebraic curves; poles and polars; singular points and Plücker's equations; theory of the number of points necessary to determine a curve of given degree; deficiency; unicursal curves; the simpler properties and classification of plane cubic curves.

Trigonometry—Plane and Spherical Trigonometry.

Geometry of Three Dimensions—Equations of the first and second degrees; classification and properties of quadrics; confocal and concyclic systems of quadrics; homogeneous co-ordinates; tangential equations; reciprocation; curvature of surfaces; curvature and torsion of curves; differential and functional equations of the simpler families of surfaces.

Analysis—Theory of infinite series, and in particular of the binomial, exponential, and logarithmic series; expansions of functions in power series; differentiation of functions of two or more variables; total differentials; Jacobians (functional determinants) change of the independent variable in differentiation; Taylor's series for functions of two or more variables; maxima and minima of functions of two or more vari-

ables, and of implicit functions; mean-value theorems for definite integrals; rules for differentiating and integrating under the integral sign; rigorous treatment of the commoner definite integrals (including such as cannot be calculated by direct integration); double and triple integrals; Green's theorem; transformation of the independent variables in double and triple integrals; geometrical applications.

Differential Equations—Meaning of an ordinary differential equation; complete solutions in finite terms of equations of the first and second orders; theory of singular solutions of equations of the first order; linear homogeneous equations, and linear equations with constant co-efficients; easy simultaneous linear equations; solutions of linear equations in series of powers of the independent invariable; partial differential equations of the first order and degree with two independent variables.

MATHEMATICAL PHYSICS.

First and Second Year.

Pass.

Statics, dynamics, hydrostatics, geometrical optics, and astronomy as treated by the simpler mathematical methods.

First and Second Year.

Honours.

A fuller knowledge of the Pass Course will be aimed at.

Third Year

Pass.

Same as Second Year Honour Course.

Third Year

Honours.

Statics, attractions, omitting the attraction of ellipsoids, dynamics of a particle, rigid dynamics as applied to the motion of rigid bodies in a plane, hydrostatics, geometrical optics, and spherical astronomy.

EXPERIMENTAL PHYSICS.

First Year.

Pass.

The elements of mechanics, hydrostatics, heat sound, light, electricity, and magnetism, and a Course of Practical Physics, embracing experiments and measurements in these subjects.

First Year

Honours.

A more detailed knowledge of the Pass Course.

Second Year.

Pass.

General physics, sound and heat, and a course of practical physics, embracing experiments and measurements in these subjects.

Second Year.

Honours.

A more detailed and extensive knowledge of the Pass Courses.

Third Year.

Pass.

Light, electricity and magnetism, and a course of practical physics, embracing experiments and measurements in these subjects.

Third Year.

Honour.

A more detailed and extensive knowledge of the subjects of the Pass Courses.

CHEMISTRY.

First Year.

Pass and Honour.

General physical properties of solids, liquids, and gases; Laws of Boyle and Charles; vapour pressure of liquids and solids; liquefaction of gases; diffusion of gases.

Homogeneous and heterogeneous bodies; elements and compounds; fundamental laws of chemical combi-

nation; Dalton's atomic theory; Avogadro's hypothesis; determination of molecular and atomic weights; valency; chemical symbols and equations.

Solutions; solubility curves; fractional distillations; electrical conductivity of solutions; laws of electrolysis; the ionic theory; osmosis; Van't Hoffs law; colloids and colloidal solutions.

Chemical equilibrium; law of mass action; speed of reactions; catalysis; balanced reactions; thermal dissociation; thermo chemical change.

Classification of the elements: the Periodic law.

Radioactive change; atomic structure; atomic numbers.

Spectra of the elements; spectrum analysis.

The above principles will be developed by a detailed study of the common elements and their chief compounds. In the case of the compounds of carbon only the oxides. sulphides, cyanogen derivatives, hydro carbons and methyl and ethyl alcohol will be considered.

Practical Chemistry.

The practical class meets for three hours on two days a week. The course of practical work is arranged as far as possible to illustrate the theoretical course. It consists of:—

(*a*) The preparation and purification of simple inorganic compounds;

(*b*) The qualitative analysis of simple inorganic salts;

(*c*) Quantitative analysis: simple gravimetric and volumetric estimations; acidimitry and alkalimetry.

Second Year.

Pass and Honour.

Laboratory Course, six hours weekly, three Terms.

Qualitative identification of the constituents of mixtures of inorganic substances; quantitative determination by gravimetric and volumetric methods of the constituents of inorganic compounds and mixtures,

both natural and artificial; the preparation of specimens of inorganic and organic compounds; and the general methods of experimental study of organic compounds.

Lecture Course and prescribed reading, three lectures weekly, three Terms—1st, The hormathic (fatty) compounds: composition, molecular weight, and constitution; methanes, ethylenes, acetylenes; monohydric alcohols, aldehydes, ketones, alkylcarboxyllic acids and derivatives; haloid and other esters, amines; dihydric alcohols and derivatives; trihydric and polyhydric alcohols and derivatives; carbo-hydrates; cyanogen compounds. 2nd, A review of physical and general chemistry. 3rd, A study of a group of researches to be specially selected.

Third Year.

Pass and Honour.

Laboratory Course, six hours weekly, three Terms—A selected series of physical chemistry experiments; relative molecular weight determinations by gaseous density and other methods; preparation of specimens of organic compounds; determination of the elementary composition of organic compounds and an experimental study of their intramolecular structure.

Lecture Course and prescribed reading, three lectures weekly, three Terms—1st, The cyclic (aromatic) compounds: benzene, isomerism of derivatives, homologous benzenes, haloid benzenes, nitrobenzenes, phenols, alcohols, ketones, quinones, carboxyllic acids, hydroxycarboxyllic acids; naphthalene and derivatives; anthracene and phenanthrene and derivatives; pyridines, quinolines, acridines, alkaloids. 2nd, A review of the history of chemistry. 3rd, A study of a group of researches to be specially selected.

Post-Graduate Study.

Students desiring to proceed to the higher Degrees of M.Sc. and D.Sc. will receive all possible assistance from the Professor, who will direct their reading and, if he thinks it desirable, institute courses of lectures. Such students may also be admitted by the Professor

to take part in any experimental inquiries which may be in progress in the laboratories, or they may, under his supervision, conduct independent investigations.

Students who avail themselves of these opportunities for Post-Graduate study will be expected to work in the Laboratory for a period of at least three Terms, four full days a week.

PHYSICAL GEOGRAPHY.

First Year.

Pass.

The earth as a member of the solar system. Composition and structure of the earth. The atmosphere; climate and weather. Atmospheric phenomena. Weather forecasts. Map reading. The principles of map construction and projection. Diagrammatic representation of geographical data. The oceans; beds of oceans and marine deposits. Volcanoes. Earthquakes. Movements of elevation and subsidence. Work of the atmosphere, rain, rivers, lakes, underground water, ice, sea and organic agents. Land-forms and their mode of production by denudation. Scenery. Weathering of rocks and formation of soils. Nature of soils. Plant food in soils. Soil fertility. Elements of plant geography. Distribution of natural vegetation and cultivated plants. Man in nature. Civilisation and environment. Geographical factors in human activities.

Honours.

A fuller knowledge of Pass Course will be required.

GEOLOGY.

Second and Third Years.

Pass.

I. *Palæontology.*

Value and scope of the subject. Classification of fossil Plants and Animals. Characters of the various classes.

II. *Stratigraphy.*

Development of modern Geology. Principles of Stratigraphy. Classification of strata. Geological maps and sections. Stratigraphy of the British Isles.

III. *Mineralogy.*

Introduction. Crystallography. Physical properties. Optical properties. Chemical composition. Classification. Occurrence. Genesis.

IV. *Petrology.*

Classification of rocks. Occurrence. Rock structures. Igneous action. Petrographical provinces. Rockmagmas. Magmatic differentiation. Crystallization of rock-magmas. Thermal and Dynamic metamorphism. Pneumatolysis. Metasomatism. Secondary Changes in rocks and minerals.

V. *Economic Geology.*

The Geology of Coal, Water, Petroleum, and Ore-deposits.

VI. *Practical Work.*

Practical crystallography. Identification of fossils, rocks, and minerals. Micro-petrography. Geological maps and sections. Geological surveying.

BOTANY.

First Year.

Pass.

1. Morphology of the root, stem, leaf, flower, fruit and seed of a flowering plant.

2. Structure and life-history of the Yeast Plant, a Bacillus, Pleurococcus, Fucus, Spirogyra, Mucor, Aspidium, Pinus.

3. Classification of plants. The floral characters of about ten families of the Angiospermae.

4. Plant Metabolism. Elementary physiology of a flowering plant.

5. Heredity.

Second and Third Years.

Pass.

(This Course extends over two Sessions.)

1. The morphology, including the ontogeny and phylogeny, of the chief groups of plants, and of their more important sub-divisions.

2. The physiology of plants.
3. Geographical distribution of plants—Oecology.
4. Heredity. Evolution.

Laboratory Course.

The study of suitable types, including the preparation of material for examination by the usual methods. Experiments bearing upon the more important aspects of Plant Physiology.

The identification of flowering plants collected in the field.

Honours.

A more critical acquaintance with the subject-matter of the Pass Course.

ZOOLOGY

First Year.

Pass.

1. The Rabbit, Frog, Dog-fish, and Amphioxus as types of the Chordata. The structure and functions of simple vertebrate tissues.

2. The characteristics of the Invertebrata as typified by Amœba, Paramœcium, Monocystis, Euglena, Hydra, Obelia, Lumbricus, Tænia, Distomum, Astacus, Periplaneta.

3. Animal Metabolism. Protoplasm. Reproduction. Sex.

4. The Embryology of Amphioxus, the Frog, the Chick.

5. The classification and natural relationships of Animals. Evolution. Heredity.

Honours.

Honour Students must possess a more critical acquaintance with the subject-matter of the Pass Course.

Second and Third Years.

Pass.

(This Course extends over two Sessions.)

1. The structure, life-history, and systematic position of suitable types in each Phylum of the Animal Kingdom. A special study of the members of a selected group.

2. Comparative Embryology.
3 Outlines of Cytology and Experimental Zoology.
4. Heredity and Evolution.
5. Distribution of animals in time and space.

Honours.

Honour Students must possess a more critical acquaintance with the subject-matter of the Pass Course.

Laboratory Course.

The study of suitable types. Laboratory microtechnique. The examination of material collected in the field.

HUMAN ANATOMY.

The Course for Students proceeding to B.Sc. Degree in Human Anatomy is that prescribed for M.B., with the following additions:—(1) special lectures in Morphology and Embryology, and (in the Final Year); (2) a course of lectures, with practical demonstrations in Anthropology.

Practical work in the technique of Histology and Embryology will form part of the Degree Examination.

PHYSIOLOGY.

Students proceeding to B.Sc. in Physiology will attend in their second Science Year the course for second M.B. In their third year, a series of special lectures will be given, and in addition the student will be expected to work through an advanced practical course of Chemical and Experimental Physiology.

PATHOLOGY AND BACTERIOLOGY.

First Year's Course.—Same as Course for Third Medical Examination.

Second Year's Course.—At least ten hours a week must be spent in the Laboratory at advanced Pathological work during the Winter Session.

A special course of lectures may be given in the Summer Session dealing specially with immunity and advanced Pathological Chemistry.

At the B.Sc. Examination, papers will be set on the following subjects:—

General Pathology, Special Pathology, Bacteriology. The practical examination will be principally directed to find out the candidate's knowledge of and acquaintance with methods in Post-mortem Examinations, Morbid Histology, Bacteriology, Chemistry, Serodiagnosis.

Books recommended.—Adami, Principles of Pathology; Muir and Ritchie, Bacteriology; Mullery and Wright, Pathological Technique; Wells, Chemical Pathology.

ELECTRICAL ENGINEERING.*

Pass.

This course is taken during the second and third years.

Second Year Course.—Same as for Second Year Engineering (See page 109).

Third Year Course.—The theory of Alternating currents of Sine Wave form, in circuits with concentrated inductance and capacity; Magnetization of Iron by Continuous and by Alternating currents; theory and construction of Choking coils and Transformers; theory and construction of Continuous current generators and motors; theory and construction of Alternating current generators. The elementary theory and characteristics of Alternating current motors, Synchronous, Induction, and commutator types; elementary theory of Rotary Converters and Rectifiers; industrial applications of motors and systems of control; outline treatment of systems of supply from central generating stations; outline treatment of electric traction on tramways and railways.

* Students not in the Faculty of Engineering desiring to take the Course in Electrical Engineering must take in addition the Course in Mechanical Drawing during both second and third years, and the B.E. Course in Strength of Materials during the third year. The standard of Mathematics required is that for Engineering.

Laboratory Work.—Two afternoons per week.

Drawing Office.—Preparation of drawings and tracings from detailed designs supplied.

Honours.*

A more detailed and extensive knowledge of the subjects of the Pass Course, and, in addition, the preparation of simple designs to meet given specifications.

GREEK, LATIN, IRISH, ENGLISH, FRENCH, GERMAN, ITALIAN, LOGIC.

The courses in these subjects for the First University Examination in Science are the same as those prescribed for the First University Examination in Arts

REGULATIONS FOR COURSES OF STUDY AND EXAMINATIONS FOR THE DEGREE OF M.Sc.

1. The following Candidates shall be eligible to obtain the Degree of Master of Science :—

I. Bachelors of Science of at least three Terms' standing, who, after obtaining the Degree—

(*a*) shall have pursued for three Terms an approved Post-Graduate Course of Study in the Faculty of Science ; and

(*b*) shall have written and presented a Dissertation on the work done or the study pursued by them during such Post-Graduate Course, which, in the judgment of the Examiners, is of sufficient merit, and

(*c*) shall have performed such other exercises as may be prescribed.

Provided that in the case of a candidate for the M.Sc. in any subject, who has not obtained Honours in that subject at the Primary Degree, a written examination

* For the Honours degree, it is strongly recommended that an extra year of study be given, the Third Year Pass Course being taken before attending the Honours lectures.

at which an Honours standard must be reached shall be necessary, but the Dissertation shall be regarded as the principal qualification for the degree.

The particulars of the written Examination to be required under Mode I. from candidates who did not obtain Honours at their Primary Degree are :—

(i.) In Mathematical Science as in Mode 2, provided that candidates have attended Honours Courses for the Primary Degree to the satisfaction of the Professors and Lecturers concerned.

(ii.) In the subjects of the Faculty of Science, with the exception of Mathematical Science, one or more papers as approved by the Professors and Lecturers involving a detailed knowledge of the subject matter of the B.Sc. Honours Course.

II. Bachelors of Science of at least three Terms' standing, who, after obtaining the Degree—

(*a*) shall have pursued for three Terms an approved Post-Graduate Course of Study in Mathematics or Mathematical Physics, or in both Mathematics and Mathematical Physics; and

(*b*) shall have passed a special Examination for the Degree of Master of Science on the approved Post-Graduate Course of Study which they shall have pursued. Candidates will be at liberty to submit a Dissertation on any branch of Mathematics or Mathematical Physics, and such Dissertation may be taken into account by the Examiners in making their recommendations.

III. Bachelors of Science of at least six Terms standing, who, after obtaining the Degree—

(*a*) shall have written and presented a Dissertation, which, in the judgment of

the Examiners, is of sufficient merit; provided that the subject of the Dissertation shall have been previously approved by the Dean of the Faculty concerned, and by the General Board of Studies; and

(*b*) shall have passed a special Examination for the Degree of Master of Science; and

(*c*) shall have performed such other exercises as may be prescribed.

IV. Bachelors of Arts who have been admitted to the Degree of Bachelor of Science in accordance with the provisions of Chapter XLIII., section 4, Stat. I., N.U.I., as amended by this Statute, who are of at least three Terms' standing, and have, after obtaining the Degree of Bachelor of Arts, complied with conditions (*a*), (*b*), (*c*) applicable to Class I. of this Section, or who are of at least six Terms' standing, and have, after obtaining the Degree of Bachelor of Arts, complied with conditions (*a*), (*b*), (*c*) applicable to Class III. of this Section.

V. Graduates in any Faculty of the University, other than the Faculty of Science, of at least three Terms' standing, who, after obtaining their Degree, shall have fulfilled the conditions prescribed for Bachelors of Science in any of the Classes (I., II., III.) of this Section, and shall have also complied with any conditions prescribed by Regulations.

2. The Degree of M.Sc. may be obtained in any of the following:—

Mathematical Science, Experimental Physics, Chemistry, Botany, Zoology, Geology, Anatomy, Physiology, Electrical Engineering.

3. The Post-Graduate Course of Study for candidates in Class I., and the Examination Course for candidates in Class III., must be in one of the above subjects.

4. All candidates for the Degree of M.Sc. must notify to the Dean of the Faculty of the College the subject chosen for the Dissertation at least six months before the date of the examination, and candidates in Class III. must give six months' notice to the Dean of the Faculty of the College of the branches of study in which they intend to present themselves for examination.

5. Candidates taking Class I. must send three copies of their Dissertations to the Supervisor of Examinations, University College, Galway

Details of Courses for M.Sc. Candidates.

MATHEMATICAL SCIENCE.

The Post-Graduate Course of Study and the Examination Courses will be the same as those for the Degree of M.A. in Mathematical Science.

EXPERIMENTAL PHYSICS.

The Post-Graduate Course of Study in Class I. will deal with the more recent developments in the various branches of Experimental Physics. The candidate will be required to prosecute some research under the supervision of the Professor.

The examination in Class III. will be both written and practical. The candidate will be expected to show an extensive and critical knowledge of Experimental Physics.

CHEMISTRY.

In Class I. the candidate will pursue, under the direction of the Professor, a course of experimental study of some field of Chemistry already partly explored, and the candidate will be expected, to some extent, to complete the exploration, or to extend its boundaries.

In Class III. the candidate will pursue, by lectures or otherwise, a course of theoretical and experimental study of selected branches of Chemistry, particularly those of present interest, and will present a Disserta-

tion on one of these (the subject to be previously approved) which need not necessarily include new experimental facts.

BOTANY.

Candidates for the Degree of M.Sc. in Class I. will be required to pursue, under the direction of the Professor, a course of study in some suitable department of Botany, and to embody in a Dissertation the results of their original investigation of some selected subject of research.

Candidates for the Degree of M.Sc. in Class III. will undertake, under the direction of the Professor, a detailed study of selected aspects of Botany, and will present a Dissertation dealing with a previously approved of subject.

ZOOLOGY.

Candidates for the Degree of M.Sc. in Class I. will be required to pursue, under the direction of the Professor, a course of study in some suitable field of Zoology, and to embody in a Dissertation the results of their original investigation of some selected subject of research.

Candidates for the Degree of M.Sc. in Class III. will undertake, under the direction of the Professor, a detailed study of selected aspects of Zoology, and will present a Dissertation dealing with a previously approved of subject.

GEOLOGY.

1. Original Research in the Geological Laboratory for three Terms, under the direction of the Professor, and attending lectures suggested by the Professor.

2. Candidates for M.Sc. (Class I.) may be examined orally on subjects cognate to the research.

3. Candidates for M.Sc. (Class III.) will be subjected to an Examination involving a detailed and critical knowledge of B.Sc. Honours (Geology).

Examination Course.

The subjects of the Examinations (Written and Practical) are—

The subject-matter of the B.Sc. Honours Course in Geology, but involving a more detailed and critical knowledge.

Candidates may also be examined on the subject of the Dissertation.

ANATOMY

The Post-Graduate Course of Study (Class I.) is such special and further study of the subjects prescribed for B.Sc. as a student may reasonably be expected to carry out in the time specified. Details of work will, in great measure, be left to the choice of the student, who will receive such assistance and advice as the Professor may be in a position to give.

The Dissertation referred to in Classes I. and III. may deal with new problems or be devoted to the verification of established doctrine.

PHYSIOLOGY.

Students proceeding to M.Sc. and D.Sc. in Physiology will be expected to acquaint themselves with all the more important recent developments in the Science. For this purpose, the Professor will advise them as to their choice of reading.

In addition, each student will be expected to conduct an independent investigation into some problem of Physiological importance, the choice of which will be left largely to the student himself.

ELECTRICAL ENGINEERING.

The Post-Graduate Course of Study in Class I. will deal with the detailed consideration of some branch of modern Electrical Engineering practice.

The candidates will be required to prosecute some research under the supervision of the Professor.

The Examination in Class III. will be both written and practical. The candidate will be expected to show a knowledge of recent work published in the technical journals.

REGULATIONS AND COURSES FOR THE DEGREE OF BACHELOR OF AGRICULTURAL SCIENCE.

1. Candidates for the Degree of B.Sc. Agr. must pass three University Examinations after Matriculation:—The First University Examination, the Second University Examination, and the Degree Examination.

2. At least three terms must elapse between Matriculation and the First University Examination, and between the First University Examination and the Second University Examination. At least six terms must elapse between the Second University Examination and the Degree Examination.

3. The subjects of Examinations are:—

First University Examination—Mathematics, Mathematical Physics, Experimental Physics, Chemistry, Drawing, and one subject selected from the following list:—Logic, English, French, German, Irish.

Second University Examination—Botany, Zoology, Organic Chemistry, Geology, Elementary Bacteriology, and Farm Accountancy.

The Degree Examination—Agricultural Chemistry, Agricultural Bacteriology, and Vegetable Pathology.

4. Candidates at the First or Second University Examinations who reach Pass Standard in three or more subjects, but are rejected at the Examination as a whole, will be exempted from further Examination in these subjects.

5. The Courses on the subjects of the First and Second University Examinations must be taken in University College, Galway. The Courses in the sub-

jects of the Degree Examination may be taken in the Royal College of Science for Ireland or in any other place approved for the purpose by the University. Before being admitted to the Royal College of Science, students must pass (a) the First and Second University Examinations in Agricultural Science, and (b) an Examination to be conducted by the Department of Agriculture and Technical Instruction for Ireland in one of the following subjects:—Agriculture, Horticulture, Forestry, Dairying and Creamery Management.

6. Details of Courses for the First and Second University Examinations.

(a) The Courses in Mathematics, Experimental Physics, Chemistry, Botany, Zoology, Logic, English, French, German and Irish are the same as the Courses in these subjects for the First University Examination in Science.

(b) The Courses in Drawing and Mathematical Physics are the same as for the First University Examination in Engineering.

(c) The Course in Organic Chemistry is the same as for Science students of the second year.

(d) The Course in Geology is the same as for the B.E. Degree Examination.

(e) The Course in Elementary Bacteriology is the same as for the Third University Examination in Medicine.

Note.—The study of the foregoing subjects may be less extensive than the study of the corresponding subjects for other University Examinations.

(f) The Course in Farm Accountancy is:—Principles of Double Entry. Double Entry contrasted with Single Entry. Tabular System applied to

keeping of Farm Accounts. Banks; the Banking Account; Cheques. Profit and Loss Accounts. Balance Sheets. Farmers and Income Tax. Farm Valuations. Depreciation. Preparation of Accounts showing Cost of Production. Statistical Records. Common business documents.

7. The Courses in the subjects of the Degree Examination are the same as the Courses of the Royal College of Science, Ireland, in these subjects.

8. Before being admitted to the Degree Examination candidates must have passed the Examination for the Associateship of the Department of Agriculture and Technical Instruction for Ireland.

REGULATIONS FOR THE DEGREE OF MASTER OF AGRICULTURAL SCIENCE.

A Candidate who shall have obtained the Degree of Bachelor of Agricultural Science shall be eligible to receive the Degree of Master of Agricultural Science on fulfilling the following conditions :—

(*a*) Nine terms shall have elapsed from the time of conferring on the candidate the Degree of B. Agr. Sc.

(*b*) He shall pass an Examination both written and practical, and will be expected to show an extensive and critical knowledge, theoretical and practical, of Agriculture ;

(*c*) He shall have been engaged for at least two years either in practical agricultural management or teaching, or in work of research in Agriculture. He shall submit a thesis on the result of his work in some special brauch of Agricultural Science, such as soil, crops, live stock, dairying or forestry.

THE FACULTY OF LAW.

(1923-1924).

Dean of the Faculty—
PROFESSOR ARKINS.

Professor.

Law and Jurisprudence—
P. A. ARKINS, B.A., LL.B.

REGULATIONS FOR COURSES OF STUDY AND EXAMINATIONS LEADING TO THE DEGREE OF LL.B.

The courses of study in the Faculty of Law will consist of a First Year's Course and Final Courses.

In accordance with Stat. I., N.U.I., XLV. 1, in order to obtain the Degree of LL.B., candidates must—

(*a*) have received the Degree of Bachelor of Arts at least two years previously;

(*b*) have attended courses of study in the Faculty of Law of not less than nine Terms, of which six at least shall be subsequent to passing the Examination for the Degree of B.A.;

(*c*) have passed the First Examination in Law in the subjects comprised in the First Year's Course, or taken the B.A. Degree in Legal and Political Science; and the Degree Examination in the subjects of the Final Courses.

First Year.

[This Course may be taken by candidates for LL.B. before obtaining the Degree of B.A.]

The subjects of this Course shall be the following:—

I. (*a*) Jurisprudence.
(*b*) Roman Law.

II. (*a*) Real Property.
(*b*) Personal Property.

Lectures in each of the above subjects will be delivered during the Session in Michaelmas, Hilary and Trinity Terms. The Lectures for the Session will consist of twenty-four Lectures.

The following topics will be dealt with in the Lectures:—

I. (*a*) *Jurisprudence* (*Analytical and Historical*)—Principles of Jurisprudence; Analysis of Law; Sovereignty; Positive Law; Sources of Law; Definition and Classification of Rights; Early History of Legal Conceptions.

For reference and further study the following books are recommended:—Salmond, Jurisprudence; Maine, Ancient Law; Maine, Early History of Institutions.

I. (**b**) *Roman Law* — Historical Development of Roman Law.

For reference and further study the following book is recommended:—Sohm, Institutes of Roman Law.

II. (*a*) *Real Property*—Nature of Real Property; Estates in Fee-simple, Tail, and for Life; Joint Tenants; Devolution on Death; Statute of Uses; Personal Capacity; Remainders and Executory Interests; Remoteness of Limitation; Leases; Mortgages.

For reference and further study the following books are recommended:—Williams (or Goodeve), Real Property; Maxwell, Outlines of the Law of Landlord and Tenant in Ireland.

II. (*b*) *Personal Property*—Possession; Bailments; Sale of Goods; Agency; Bills of Sale; Choses in Action; Guarantees; Negotiable Instruments; Trade Marks; Patents and Copyright; Statutes of Limitation; Devolution of Property on Death; Disability.

For reference and further study—Goodeve, Personal Property.

Final Courses.

The subjects of the Final Courses shall be the following:—

GROUP A.
- I. (*a*) Jurisprudence.
  (*b*) Roman Law.
- II. (*a*) Law of Contract.
  (*b*) Law of Torts.

GROUP B.
- III. (*a*) Constitutional Law.
  (*b*) International Law.
- IV. (*a*) Equity.
  (*b*) Criminal Law

Lectures in the above groups of subjects will be delivered in alternate years. The Lectures for the Session will consist of twenty-four Lectures delivered by each Professor.

The Lectures will extend over the following topics:—

I. (*a*) *Jurisprudence*—Theory and Principles of Legislation.

For reference and further study—Graham, English Political Philosophy; Bentham, Theory of Legislation

1. (*b*) *Roman Law*—An expository treatment of the following matters:—

(1) Law of Property.

(2) Law of Obligations.

(3) Law of Inheritance and Testamentary Succession.

For reference and further study the following books are recommended:—Moyle, Institutes of Justinian, Ortolan, History of Roman Law.

II. (*a*) *Law of Contract*—Agreement; Proposal and Acceptance; Capacity of Parties; Artificial Persons;

Forms of Contract; Consideration; Unlawful and Impossible Agreements; Mistake; Misrepresentation and Fraud; Rescission; Duress and Undue Influence.

For reference and further study the following books are recommended:—Anson, Law of Contracts; Pollock, Law of Contracts.

II. (*b*) *Law of Torts*—Nature of Tort; Persons affected by Torts; Agency; Remedies; Personal Wrongs; Defamation; Deceit and Malice; Wrongs to Property and Possessions; Nuisance; Negligence; Relation of Contract and Tort.

For reference and further study the following books are recommended:—Ringwood, Law of Torts; Pollock, Law of Torts.

III. (*a*) *Constitutional Law*—Province of Constitutional Law; Flexible and Rigid Constitutions; Crown and its Prerogative; Parliament: its powers and privileges; The Executive; The Judiciary; The Colonies.

For reference and further study—Anson Law and Custom of the Constitution; Dicey, The Law of the Constitution.

III. (*b*) *Public International Law*—Law of States at Peace; Law of States at War; Neutrality; International Arbitration.

For reference and further study—Lawrence, Lectures on International Law.

IV. (*a*) *Equity*—The Maxims of Equity; Trusts; Conversion; Election; Satisfaction; Mistake; Fraud; Set Off; Specific Performance; Injunction.

For reference and further study the following books are recommended:—Snell (or Ashburner), Principles of Equity; Kerly, History of Equity.

IV. (*b*) *Criminal Law*—Pleading and Practice; Evidence; Offences against Property; Offences against the Person; Offences of a Public Nature.

For reference and further study the following books are recommended:—Kenny, Outlines of Criminal Law; Kenny, Cases in Criminal Law.

THE FACULTY OF MEDICINE.

(1923-1924).

Dean of the Faculty—

PROFESSOR SHEA.

Professors.

Anatomy—

STEPHEN SHEA, M.B., B.CH., B.A.O.

Physiology—

JOSEPH F. DONEGAN, B.SC., M.B., B.CH., B.A.O.

Medicine—

RALPH BODKIN MAHON, M.D., M.Ch., F.R.C.S.Eng.

Surgery—

WILLIAM WESTROPP BRERETON, F.R.C.S.I.

Materia Medica—

NICHOLAS WHISTLER COLOHAN, M.D., M.Ch.

Gynæcology and Obstetrics—

RICHARD JOHN KINKEAD, B.A., M.D. (Dublin), L.R.C.S.I.

Pathology—

THOMAS WALSH, M.A., M.D., B.Sc., B.Ch., B.A.O., D.P.H., H. Dip. in Ed.

Ophthalmology and Otology—

SEAGHAN P. MACENRI, M.A., B.Ch., M.D. (Dublin).

Physics—

ALEXANDER ANDERSON, M.A., Hon. LL.D. (Glasgow), Hon. D.Sc., late Fellow of Sidney Sussex College, Cambridge, President of the College.

Chemistry—

THOMAS DILLON, M.A., D.Sc.

Natural History—

JOSEPH MANGAN, M.A., F.R.C.Sc.I.

Lecturers.

Medical Jurisprudence and Hygiene—

Professors WALSH and KINKEAD.

Mental Diseases—

MISS A. ENGLISH, M.B.

Assistants and Demonstrators.

Demonstrator in Anatomy—
(To be appointed at the beginning of the Session).

Assistant in Pathology—
(To be appointed at the beginning of the Session).

Assistant in Physics—
JOHN J. MCHENRY, B.A., M.Sc.

Demonstrator in Chemistry—
MISS R. CLARKE, B.A., D.Sc., F.I.C.

Assistant in Practical Pharmacy—
J. J. WATERS, M.B.

Assistant in Natural History—
MISS H. CLARKE, M.Sc.

Assistant in Surgery—
M. G. O'MALLEY, M.B., B.Ch., B.A.O., F.R.C.S.Eng.

Assistant in Gynæcology and Obstetrics—
D. V. MORRIS, M.B., B.Ch., M.A.O.

1. Every Medical student at the commencement of his studies should be registered in the Medical Students' Register, in the manner and under the conditions prescribed by the Council. (Forms of application for Registration can be obtained from the Registrar of the College.)

2. Before registration as a student or commencement of the regular Medical Curriculum, every person shall be required to pass, in addition to the Matriculation Examination, examinations on the following Courses in Experimental Physics and Chemistry :—

EXPERIMENTAL PHYSICS.

(1) Velocity and Acceleration ; motion of falling bodies ; momentum ; measurement of force ; composition of velocities and forces ; work ; energy.

(2) Properties of Liquids and Gases; principle of Archimedes; Boyle's Law.

(3) Measurement of Heat and Temperature; Expansion; Change of State; Hygrometry; Convection; Conduction; Radiation; Mechanical Equivalent.

(4) Reflexion and Refraction of Light; Dispersion; Mirrors; Prisms; Lenses and other optical instruments.

(5) Production and Transmission of Sound; Strings; Organ-Pipes; Beats; Resonance.

(6) Electric Force; Electric Induction; Potential; Capacity; Measurement of Current; Electromagnets; Electrolysis; Voltaic Cells; Electromotive Force; Ohm's Law; Resistance; Thermo-Electricity; Electro-magnetic Induction; Properties of Magnets; Terrestrial Magnetism.

PRACTICAL PHYSICS.

Use of Vernier; determination of volumes; specific gravities of solids and liquids; constant volume hydrometer; use of the barometer; verification of Boyle's Law; use of thermometers; expansion of solids; methods of determining specific heat and latent heat; focal length of mirrors and lenses; determination of refractive index; velocity of sound by resonance; use of sonometer; tracing lines of magnetic force; comparison of moments of magnets; making simple electromagnets; use of primary and secondary cells; comparison of electromotive forces; measurement of resistance; measurement of heat produced by a current.

GENERAL CHEMISTRY (Theoretical and Practical).

The Course for this Examination will be the same as that for the First University Examination in Science, Pass.

3. The Course in the elements of General Biology, which forms part of the First University Examination in Medicine, may be taken before registration.

4. Courses leading to the First and Second University Examinations in Medicine.

(1) *For Students who have not passed the Pre-Registration Examination in Physics and Chemistry.*

FIRST YEAR.

(*a*) General	Physics	... 2 terms.
do.	Chemistry	... do.
do.	Biology	... 3 terms.
(*b*) Applied Biology		Summer term.
(*c*) Anatomy	...	do.

SECOND YEAR.

Applied Physics	... Michaelmas and Hilary terms.
do. Chemistry	... do.
Anatomy	... ... 3 terms.
Physiology	... ... Summer term.

THIRD YEAR.

Anatomy	... Michaelmas and Hilary terms.
Physiology	... do.

(2) *For Students who have passed the Pre-Registration Examinations in Physics and Chemistry but who have not taken out the Course in General Biology.*

FIRST YEAR.

Applied Physics	... Michaelmas and Hilary terms
Applied Chemistry	do.
General Biology	... 3 terms.
Applied Biology	... Trinity term.
Anatomy	... 3 terms.

SECOND YEAR.

Anatomy	...	... 3 terms.
Physiology	...	... 3 terms.

5. Candidates for the Primary Degrees in Medicine, M.B., B.Ch., B.A.O.—which are conferred only at the same time and after the same course of study—must pass four University Examinations after having passed the Matriculation Examination and the Pre-Registration Examinations in Physics and Chemistry—

The First University Examination in Medicine.
The Second University Examination in Medicine.
The Third University Examination in Medicine.
The Final Examination.

6. The subjects of the University Examinations in Medicine are :—

First University Examination.—Applied Physics, Applied Chemistry, General Biology and Applied Biology.

Second University Examination.—Anatomy and Physiology.

Third University Examination—Pathology, Materia Medica, Practical Pharmacy, Hygiene, Medical Jurisprudence.

Final University Examination—Medicine, Surgery, Operative Surgery, Applied Anatomy, Obstetrics and Gynæcology, Ophthalmology and Otology, Special Pathology.

7. Candidates must produce evidence of completed courses of study in the subjects of the examination they seek to pass, in accordance with the Regulations of the University, and must have passed the preceding examination.

8. For the Final Examination, a Candidate must produce evidence of a completed course of study extending over at least five academic years in the Faculty of Medicine, three at least of which must have been attended at the University or at a constituent College. For the remaining two years, the Senate may accept courses of study at another University or School of Medicine. The Course of Study includes the Hospital Attendance.*

9. The First Examination in Medicine may be taken in two parts :—

Part I. Applied Chemistry and Applied Physics.

Part II. General Biology and Applied Biology.

10. A student shall not be permitted to attend lectures on subjects of the Third University Examination until he has passed the Second University Examination in Medicine.

11. The Third University Examination in Medicine may be taken in two parts:—

Part I. Pathology, Materia Medica and Practical Pharmacy.

Part II. Hygiene and Medical Jurisprudence.

12. The Final Examination for Primary Degrees may be taken in two parts :—

Part I. Medicine and Pathology.

Part II. Surgery, Operative Surgery, Applied Anatomy, Obstetrics and Gynæcology, Ophthalmology and Otology.

13. A Degree in Medicine is not conferred on any person *under twenty-one years of age.*

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* The attention of candidates is directed to the detailed requirements set out under "Hospital Attendance."

DETAILS OF COURSES.

APPLIED CHEMISTRY.

1. *Physical Chemistry.*—The application of physico-chemical laws and theories to biological problems.

2. *Organic Chemistry.*—General principles of organic chemistry. Methods of determining the structure of organic compounds, illustrated by a study of simple compounds of the aliphatic and aromatic series. A more detailed study of the structure and properties of the constituents of foods and drugs and of the products of animal metabolism.

The Practical Course will illustrate the above theoretical course.

APPLIED PHYSICS.

The following Course will be of an elementary character :

The General Principles of the Mechanics of Solids and Fluids. Levers. Elasticity of solids and Fluids. Flow of liquids in rigid and in elastic tubes. Pulse-waves. Diffusion. Colloids and Crystalloids. Osmosis. Viscosity. Surface tension. Capillarity.

Complex sound waves. Forced vibrations as exemplified by the Ear. Harmony. Dissonance.

The Eye as an optical instrument. Microscope. Ultra Microscope. Ophthalmic Optical Apparatus. Laryngoscope. Polarisation. Double Refraction. Spectrum Analysis.

Capillary Electrometer. String Galvanometer. Induction of Currents. Electrolysis. Radioactivity. Properties of X rays. High Frequency Currents.

PRACTICAL PHYSICS.

There will be a Course of Practical Physics bearing on and illustrative of the above subjects.

GENERAL BIOLOGY.

Zoology.—The same generally as for the First University Examination in Science (Pass) with the omission of the types Amphioxus and Astacus.

Botany.—The same generally as for the First University Examination in Science (Pass), but with considerable simplification.

APPLIED BIOLOGY.

A general survey of the more important human parasites belonging to the Protozoa, Cestodes, Trematodes, and Nematodes, with detailed study of selected types.

The life histories, identification, and methods of control of some of the more commonly occurring Insects, Ticks, and Mites, capable of transmitting disease or directly injurious as human parasites.

Disease producing Fungi.

ANATOMY.

First and Second Years.

The Course laid down for students in Anatomy comprises:—

(*a*) *Descriptive Anatomy*—A Course of Systematic Lectures on the Human Body. In the first year, Osteology and Arthrology are taken up, and special attention is paid to the cultivation of a power of accurate observation and precise description. Later on, more attention is gradually paid to Topographic Anatomy, especially of regions that are important from a medical or surgical point of view.

(*b*) *Dissections* made by each student independently under the supervision of the Professor and Demonstrator.

Students are advised that dissections must be methodical and artistic, if vivid mental pictures are to be secured and detained.

The results of dissections are compared with the Surface Anatomy of the living model, and the knowledge of the deeper parts of the body obtained by auscultation and percussion.

(*c*) Short course of lectures in Human Embryology and Development.

(*d*) *Applied Anatomy*—A One Term Course, given in the fourth or fifth year, when Anatomy is reviewed from the standpoint of a student whose studies in Medicine and Surgery enable him to understand the references to the application of Anatomy in the treatment of disease. This course includes work in the Dissecting Room, the study of the Living Model, and X Ray work.

PHYSIOLOGY.

Lectures.—The general outline of the Science is illustrated by a complete study of the cell from the chemical and experimental side. Cell specialisation, leading to the formation of the organs of the different systems each with a definite function, is then treated, after which begins a detailed analysis of each system with its function. Commencing with General Metabolism, the lectures proceed to Muscle and Nerve and the higher animal functions, concluding with the Central Nervous System and Sense Organs.

Laboratory Work.—This comprises Chemical and Experimental Physiology and Histology. The student is given as much opportunity as possible to verify for himself some of the most important Physiological principles detailed in the Lectures.

MATERIA MEDICA.

The Course comprises a study of the Drugs, organic and inorganic, of the British Pharmacopœia, and a review of the more important Drugs that are not official.

The earlier Lectures include a study of:—

1. The general method of classifying drugs.
2. The sources and natural conditions of medicines.
3. The selection and collection of medicines.
4. The active principles of medicines derived from the vegetable kingdom.
5. The modes of administration of drugs.
6. The several circumstances that influence the action of drugs in the system.
7. Prescription-reading and prescription-writing.

Several Lectures are next devoted to a critical study of the Official Pharmacopœia.

The succeeding Lectures include the study of individual drugs, organic and inorganic, according to a pre-arranged therapeutical grouping, and after the following method:—Source (geographical, botanical); characters and tests; impurities and incompatibilities; preparations and doses; therapeutic value.

PRACTICAL PHARMACY.

Study of the more important pharmaceutical processes:—

Sub-division of Drugs.
Weighing.
Measuring.
Sifting
Elutriation, Suspension, Emulsions.
Solution (Pharmacopœial Solvents).
Crystallization, Evaporation, Precipitation, and Sublimation.

Practical study of prescribing, compounding, and dispensing.

PATHOLOGY.

Third Year.

LECTURES.—A Course of Lectures on at least two days a week during Winter Session (Michaelmas and Hilary Terms).

Syllabus :—

I. *General Pathology.*—The cell; causes of disease; morbid and reactive processes; inflammation; immunity; neoplasia; retrogressive changes; degenerations and infiltrations.

II. *Bacteriology.*—General principles; sterilization media; methods of isolation and examination; special consideration of most important microbes.

Books recommended.—Adami and McCrae, Text Book of Pathology; Grunbaum, Essentials of Morbid Histology; Muir and Ritchie, Bacteriology.

PRACTICAL WORK.—A course of at least four hours per week during Winter Session (Michaelmas and Hilary Terms).

Syllabus :—

I. Methods of fixing, embedding, cutting, and mounting sections of morbid tissues; the microscope; the blood in health and disease.

II. *Bacteriology.*—Culture, isolation, staining and mounting of the most important pathogenic micro-organisms.

Books recommended.—Woodhead, Practical Pathology, Besson, Technique Microbiologique.

Fourth or Fifth Year.

LECTURES.—A Course of Lectures on at least two days a week during Trinity Term.

Syllabus :—

Special Pathology and Morbid Anatomy of the most important diseases; immune Sera and Vaccines.

PRACTICAL WORK.—A course of two days a week during Trinity Term.

Syllabus :—

Laboratory Methods of Clinical Diagnosis—histological, bacteriological, and chemical.

Books recommended.—Simon's Clinical Diagnosis; Webster's Diagnostic Methods.

HYGIENE.

Lecture Courses and prescribed reading.

Two Courses in Trinity Term, embracing a study of the following subjects:—

1st: Meteorology, climate, weather observations; air, chemical and biological examination; vitiation; water, chemical and biological examination; natural waters, collection, storage, and distribution, purification; food, chemical and biological examination; disinfection; vital statistics.

2nd: Soil; buildings; schools; dietetics; clothing; refuse disposal; drainage; communicable diseases; infection and immunity; ventilation; heating and lighting; sanitary law.

MEDICAL JURISPRUDENCE.

Lecture Courses and prescribed reading.

Two Courses in Trinity Term, embracing a study of the following subjects:—

1st: Process of law; evidence; symptoms of poisoning; signs of death; post-mortem examinations; crimes against the person; starvation; suicide; heat and cold; insanity; sexual offences; abortion; infanticide, legitimacy.

2nd: Toxicology; the leading inorganic and organic poisons, their isolation from viscera or other organic matter, and their identification.

PRACTICE OF MEDICINE.

A course of systematic lectures on the Theory and Practice of Medicine is delivered during the two terms of the Winter Session.

The lectures deal with Ætiology, Pathology, Symptoms, Physical Signs, Diagnosis, Prognosis, and Treatment of Diseases.

After an introductory lecture on the general phenomena of Disease, the Infectious Diseases are taken up and discussed in a series of lectures.

This forms the first part of the Course.

In the second part are considered:—

1. Diseases of the Heart and Blood Vessels.
2. Diseases of the Respiratory System.
3. Diseases of the Digestive System.
4. Diseases of the Blood and Endocrine Glands.
5. Certain General Diseases, viz., Diabetes, Gout, etc.
6. Diseases of the Nervous System.

In the lectures stress is laid on the special Pathology and Treatment of each Disease.

Members of the Class are exercised in the writing of prescriptions, ordering of suitable diets, and accessory means of Treatment.

At the end of each lecture a short summary is given of the most important points in connection with the Disease or Diseases treated of. Students are expected to learn and know these salient points.

The lectures are, where required, illustrated by means of lantern slides. All new instruments for examination and diagnosis are shown to the Class and their use explained.

Text Books recommended.—Osler and McCrae, "Principles and Practice of Medicine;" Taylor, "Practice of Medicine;" Hutchison and Rainy, "Clinical Methods" See Ausculation and Percussion.

SURGERY.

The Course of Lectures continues through the Winter Session (Michaelmas and Hilary Terms).

The subjects taught in the first term comprise inflammation and surgical diseases.

During the Second Term the subjects are injuries and regional surgery. Towards the end of the Second Term practical instruction is given in surgical methods, including Orthopædics and Mechano-Therapeutics.

A three months' Course of Operative Surgery is given in the third or fourth year.

OBSTETRICS AND GYNÆCOLOGY.

The Courses of Lectures extend throughout the Winter Session (Michaelmas and Hilary Terms) on three days in each week.

MENTAL DISEASES.

A Course of Lectures extending over at least three months, with Clinical instruction at Ballinasloe Lunatic Asylum.

OPHTHALMOLOGY AND OTOLOGY.

A Course of Lectures extending over at least three months.

Syllabus :—

Elementary Optics.

Theory and use of Lenses.

Acuteness of Vision.

Field of Vision. The use of the Perimeter.

Errors of Refraction; Myopia; Hypermetropia; Astigmatism.

Accommodation; Asthenopia; Presbyopia, Paralysis.

Theory and use of the Ophthalmoscope and Optometer.

Defects of the Motor Apparatus of the Eye. Strabismus.

Glaucoma.

Cataract.

Diseases and anomalies of the Conjunctiva, Cornea, Iris, Choroid, Retina, Optic Nerve, Eyelids, and Lachrymal Apparatus.

Examination of the Ear.

Diseases of the External, Middle, and Internal Ear

HOSPITAL ATTENDANCE.

1. *General Hospital*—Twenty-seven months' attendance at a recognized General Hospital—including the Clinical lectures given therein.

Not more than eighteen of the necessary twenty-seven months may be taken in Galway. For the remaining nine months a certificate of attendance at a recognized Metropolitan Hospital must be presented.

2. *Fever Hospital*—Three consecutive months at a Fever Hospital of repute, or the Fever Wards of a General Hospital.

If the attendance takes place during a regular Winter or Summer Session, it may be reckoned as a portion of the prescribed total Hospital attendance of twenty-seven months. But neither the attendance at a Fever Hospital nor the "Personal Charge" of Fever cases can be recognized where it takes place prior to attendance on course of lectures on Theory and Practice of Medicine.

"Personal Charge" of at least ten Fever cases (the student to act as Clinical Clerk for such cases).

(Attendance on Fever cases must not take place during attendance on Practical Midwifery and Gynæcology).

3. At least three consecutive months in a General Hospital as Clinical Clerk, and three consecutive months as Dresser, such attendance not to be simultaneous.

4. *Opthalmology and Otology*—Three months at a recognized Hospital having at least ten beds devoted to diseases of Eye and Ear.

5. *Mental Diseases*—Three months at a recognized Institution where Clinical Instruction in Mental Diseases is given.

6. *Vaccination*—Practical Instruction under a teacher appointed by the Ministry of Health.

7. *Practical Midwifery*—Six months at a recognized Midwifery Hospital having not less than fifteen beds in regular occupation where Clinical Instruction in Midwifery and Diseases of Women and Children is given, or for six months at a Midwifery Dispensary recognized by the University.

Twenty labours to be attended, of which ten shall have been in personal charge of the candidate.

8. Attendances on at least six complete *Post-mortem* Examinations.

9. *Anæsthetics*—Candidates at the Final Examination must produce evidence of instruction in Anæsthetics—Course of ten Lectures—and a Certificate that the candidate was present on at least twenty occasions when general Anæsthesia was induced.

SUMMARY OF CERTIFICATES REQUIRED IN CONNECTION WITH HOSPITAL COURSES AND OTHER NON-COLLEGIATE COURSES.

The following Certificates will be required :—

1. Certificates of attendance at a General Hospital for three periods of nine months each.
2. Certificate as Dresser in Surgery for six months.
3. Certificate as Clinical Clerk in Medicine for six months.
4. Certificate of the conduction of twenty cases in Practical Midwifery, and of attendance for six months at a Midwifery Hospital.

5. Certificate of Gynæcological Clerk for three months.

6. Certificates and Notes of Fever Cases for three months (ten cases).

7. Certificate of practice in Vaccination under a teacher appointed by the Ministry of Health.

8. Certificate of attendance at ten *post-mortem* examinations.

9. Certificate of Clinical Ophthalmology and Otology for three months.

10. Certificate of attendance at a Lunatic Asylum and Notes of Cases.

11. Certificate of attendance at Clinical Instruction in Anæsthetics.

12. Certificates of attendance at Children's Diseases, Tuberculosis, Diseases of the Skin, Laryngology, Radiology, Venereal Diseases, Orthopædics, if not taken at a General Hospital or included in Systematic Courses.

CLINICAL TIME TABLE.

Mondays ...	9.30 a.m. to 11.0 a.m. ... 11.0 to 12 noon ...	(Dr. Davitt). (Dr. Morris).
First and Third Tuesdays.	9.30 a.m. to 11.0 a.m. 11.0 a.m. to 12 noon ...	(Dr. Mahon). (Dr. O'Beirne).
Other Tuesdays	9.30 a.m. to 11.30 a.m.	(Dr. Mahon).
Wednesdays ...	9.30 a.m. to 11.30 a.m.	(Dr. Davitt).
Thursdays ...	9.30 a.m. to 11.30 a.m.	(Dr. O'Malley).
Fridays ...	9.30 a.m. to 11.30 a.m.	(Dr. Mahon or Dr. O'Malley).
Saturdays ...	9.30 a.m to 11.30 a.m.	(Dr. Davitt).

THE M.D. DEGREE.*

(*a*) By Examination.

Candidates must answer in the following subjects :—

I. Medicine.

II. Pathology.

The Examination is each subject includes

I. A Written Examination.

II. An Oral or a Practical Examination.

In addition, every Candidate must diagnose at the bedside at least three medical cases and prescribe treatment.

He must also write detailed reports on two cases to be selected by the Examiners, and discuss the questions arising thereon.

(*b*) By Presenting Published Work.

The published work must embody the results of personal observation or of original research, which, in the opinion of the Examiners of the Medical Faculty, appointed by the General Board of Studies, shall be considered worthy of recognition by such Degree.

THE M.Ch. AND M.A.O. DEGREES.

(1.) A Candidate who has obtained the Degrees of M.B., B.Ch., and B.A.O. shall be eligible to obtain the Degree of M.Ch. or of M.A.O. under the following conditions, subject to the provisions of the Statutes of the University :—

1. A period of not less than Nine Terms shall have elapsed from the time at which the Candidate obtained the Degrees of M.B., B.Ch., and B.A.O., except that in the case of a Candidate who has also obtained the Degree of B.A. or B.Sc. the period shall be not less than Six Terms.

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* See "The Degree of Doctor. (Extracts from Statutes of the University)" (page 127).

2. He shall have (*a*) passed the Examinations prescribed for the Degree; and either (*b*) written and presented a Dissertation which in the judgment of the Examiners is of sufficient merit; *or* (*c*) complied with such other conditions, and performed such other exercises, as may be prescribed for the purpose of qualifying for the Degree.

No Candidate is eligible to obtain the Degree of M.Ch. or M.A.O. as above, unless he shall have obtained his Primary Degrees in the University, after pursuing an Approved Course of Study and passing the Examinations for such Primary Degrees.

(2.) Candidates at the M.Ch. Examination must answer in the following subjects :—

I. Surgery, Theoretical and Practical, including Ophthalmology and Otology.

II. Surgical Pathology.

III. Surgical Anatomy and Operative Surgery, with the use of surgical instruments and appliances.

There will be a Written and an Oral or Practical Examination. In addition :—

Every Candidate will be required to diagnose at the bedside at least three surgical cases and prescribe treatment. He must write detailed reports on at least two cases to be selected by the Examiners and discuss the questions airsing thereon; and either

(*a*) present a satisfactory Dissertation on a Surgical subject of which he has had special experience; *or*

(*b*) furnish evidence that during a period of at least two years he has been actively engaged as a member of the staff of a Surgical Hospital or of a Surgical Department of a General Hospital.

(3.) Candidates at the M.A.O. Examination must answer in the following subjects :—

I. Midwifery.

II. Diseases of women and children.

III. Human Embryology.

IV. Pathology (of Midwifery and Gynæcology),

V. The use of instruments and appliances.

The Examination in each subject consists of

(*a*) An Oral Examination, with practical illustrations, including the use of instruments and appliances ;

(*b*) A Written Examination ;

(*c*) A Clinical Examination.

Candidates must either

(*a*) present a satisfactory Dissertation on some subject of Midwifery or Gynæcology of which he has had special experience ; *or*

(*b*) furnish evidence that during a period of at least two years the Candidate has been actively engaged as a member of the staff of a Gynæcological or Maternity Hospital, or such Department of a General Hospital

THE FACULTY OF ENGINEERING.

1923–1924.

Dean of Faculty—

PROFESSOR RISHWORTH.

Professors.

Civil Engineering—

FRANK SHARMAN RISHWORTH, B.A., B.E., Assoc. M.Inst.C.E.

Mathematics—

MICHAEL POWER, M.A., B.Sc.

Mathematical Physics and Experimental Physics—

ALEXANDER ANDERSON, M.A., Hon. LL.D. (Glasgow) Hon. D.Sc., late Fellow of Sidney Sussex College Cambridge, President of the College.

Chemistry—

THOMAS DILLON, M.A., D.Sc.

Geology—

JAMES MITCHELL, B.Sc., B.E., F.G.S.

Electrical Engineering—

WILLIAM GRAHAM GRIFFITH, B.Sc. (London); A.M.I.E.E.

The above constitute the Faculty of Engineering.

Assistants and Demonstrators.

Civil Engineering—

H. G. O'CONNOR, M.E.

Mathematics—

(To be appointed at the beginning of the Session).

Physics—

JOHN J. MCHENRY, B.A., M.Sc.

Chemistry—

MISS R. CLARKE, B.A., D.Sc., F.I.C.

REGULATIONS FOR COURSES OF STUDY AND EXAMINATION LEADING TO THE DEGREE OF B.E.

1. A student shall not be admitted to receive the Degree of B.E. unless he shall have pursued after Matriculation, as hereinafter, an Approved Course of Study for at least nine Terms.

2. Candidates for the Degree of B.E. shall be required to pass three University Examinations after Matriculation, as follows:—

(*a*) A First University Examination in Engineering.

(*b*) A Second University Examination in Engineering.

(*c*) A Final Examination for the Degree of B.E.

3. Terms shall be kept in accordance with the Regulations of the University.

4. Honours may be awarded at each Examination and separate Honour Papers may be set.

5. In all practical Examinations involving laboratory work, the examiners shall take into account the work done by the candidate while preparing for the Examination, as shown by the certified records of his work, such as note-books and laboratory specimens and preparations, &c., which must be submitted for inspection.

6. The First Engineering Examination is accepted as equivalent to the First Science Examination for the B.Sc. Degree Course in the equivalent subjects.

DETAILS OF COURSES.

First Year.

Mathematics.—(Ordinary Course).

Arithmetic.—(Algebraic symbols may be employed.

Algebra.—The same as for the First Year Pass Course in Arts and Science.

Geometry.—The same as for the First Year Pass Course in Arts and Science, and, in addition, Euclid, Book xi, propositions 1 to 21, inclusive. Easy deductions. Elementary properties and mensuration of the Prism, Pyramid, Cone of Revolution and Sphere.

Trigonometry.—The same as for the First Year Pass Course in Arts and Science, and in addition, determination of heights and distances. The Properties of the circumscribed, inscribed, and escribed circles of a triangle, Quadrilaterals.

Analytical Geometry.—The straight line and circle.

[Candidates who wish to pursue an Honours Course may take the Honours Course of the First Year Arts and Science instead of the Ordinary Course.]

Mathematical Physics.—Statics, Dynamics and Hydrostatics as treated by the simpler Mathematical methods.

Physics.—The Course (Pass and Honours) in Experimental Physics will be the same as for Science.

Engineering.—Geometrical Drawing — Construction and use of Scales. Construction of Ellipse and Parabola, Roulettes. Spirals. Motion under mechanical restraint. Orthographic projection. Dihedral angles. Intersection of solids. Shadows. Isometric projection. Perspective.

Surveying and Levelling.—Chain surveying. Traversing with Prismatic Compass, Miner's Dial and Plane Table. Computing Areas and Volumes. Levelling. Simple Surveying and Levelling in the field. Plotting of Surveys and Levels, and taking out areas in the Drawing Office.

History of Architecture.—Egyptian, Greek, Roman, Byzantine, Romanesque, Gothic, and Renaissance Architecture. The course is an elementary one, and is not treated in detail.

Drawing Office.—Preparation of simple drawings in Isometric, Perspective, Building Construction, and Machine parts. Printing. Colouring.

Chemistry, Laboratory Course (Pass and Honour). modified to suit the requirements of Engineers.

Lecture Course.—Same as Faculty of Science First Year; but not including Organic Chemistry.

Second Year.

Mathematics.—(Ordinary Course).

Algebra.—The same as for the First Year Ordinary Course, and in addition, the first principles of Theory of Equations.

Plane Trigonometry.—The same as for the First Year Ordinary Course.

Geometry.—The same as for the Ordinary First Year Course, and in addition, Plane Sections of right Cone and Cylinder. Simpler Geometrical properties of Conic Sections.

Analytical Geometry.—The straight line and circle. Equations of the Conic Sections deduced from their geometrical definitions with their elementary properties. Easy problems.

Differential Calculus.—Differentiation of functions, explicit and implicit, of a single variable. Maxima and minima of functions of a single variable. Tangents, normals, and curvature of plane curves. Envelopes.

Integral Calculus.—Integration of functions of a single variable, Reduction formulæ. Quadrature and rectification of plane curves. Quadrature and cubature of solids of revolution.

[Candidates may take as an alternative course the Honours Course of the Second Year Arts and Science but are recommended not to do so unless they intend reading for an Honours degree in Arts or Science.]

Mathematical Physics.—Same as for Arts, omitting Astronomy.

Civil Engineering.—Advanced Surveying.—Adjustment and use of Dumpy, Reversible and Y Levels. Transit Theodolite Tacheometer, Plane Table, Sextant, Amsler's Planimeter, Traverse Surveying. Minor Triangulation, Longitudinal and Cross-section Levelling. Precise Levelling. Contouring. Photographic Surveying. Setting out Curves. Hydrographic Surveying. Setting out work. Computation of Areas and Volumes, using the Planimeter and Slide-rule.

Hydraulics.—Flow of water in channels, pipes and through orifices. Gauging of Streams, Rivers, and Canals. Current Meters.

Building Construction.—Sites, Setting out. Excavation. Timbering. Foundations. Walls. Roofs. Floors. Stairs. Windows. Doors. Plastering. Water-supply. Drainage. Heating. Ventilation. Fireproof Construction. Shoring and Underpinning.

Materials of Construction.—Properties and preparation of Stone, Brick, Asphalt, Lime, Cement, Concrete. Timber, Cast Iron, Wrought Iron, Steel.

Elementary Theory of Structures.—Bending-Moment and Shearing-Force diagrams. Stress diagrams for Roofs and Bridge-Trusses under a dead load only. Arches.

Drawing Office.—Finished drawings from sketches. Preparation of Tracings and Photo-prints. Masonry and Brick Bridges, Roof-Trusses, &c.

Field Work and Laboratory.—Theodolite Surveying and Levelling, Plotting of Surveys and Levels. Testing of Materials.

Elements of Machines.—Elementary Theory of Kinematics of Mechanisms, Pairs, Simple Chains, particu-

larly the single Slider Crank. Transmission of power, by toothed gearing, by belts, and by ropes. Machine-tools and general shop processes. A course of about twenty lectures illustrated by lantern-slides.

Electrical Engineering. — The Electrical Circuit. Potential, E.M.F. round a circuit. Resistance. Ohm's Law. Kirchhoff's Laws. Heating, Chemical, and Magnetic effects of Currents. Definition of the Legal Units, the Ampere, Ohm, and Volt. The I^2R heat in a circuit, Joule's Law. Methods of measuring Resistance, Currents, and E.M.F. Electric Lamps, Street-lighting, House-lighting and wiring.

Electrolysis, Copper Refining, Electric Furnaces, Primary Batteries, Standard Cells, Secondary Cells, The Lead Accumulator, manufacture, working, care, and erection.

Magnetic effects. The Magnetic Unit Pole. Magnetic Field. Magnetic Potential. Magnetic field due to current circuits of certain forms. The Electromagnetic Unit of current. Interaction between an electric circuit and a magnetic field. The Electromagnetic Unit of Potential. The Magnetization of Iron. Inductance and Mutual Inductance. Capacity. Commercial measuring-instruments.

Simple theory of Dynamo and Motor. Simple Armature windings. Construction of parts. Shunt, series, and compound Dynamos and Motors. Elementary treatment of Armature Reaction and Commutation. Losses and Efficiency. Testing.

General arrangements of D. C. Generating stations. Two wire systems. Three wire systems, Batteries, Boosters, Balancers. Distributing Systems. Overhead and Underground mains.

Elementary theory of alternating currents.

Laboratory Work.—Measurement of the various quantities dealt with in the Lectures.

Third Year.

Geology.—Introduction. Composition and structure of the earth. Earth-movements. Volcanoes. Work of atmosphere, rivers, underground-water, glaciers, ocean, and organic agents. Origin of scenery.

Principles of stratigraphy. Elements of palaeontology. Stratigraphy of the British Isles.

The geology of building-materials, road-metals, water-supplies, petroleum, and coal.

Mineralogy and Petrology.—Identification of minerals. Elements of crystallography. Physical, chemical and optical properties. Descriptive mineralogy. Occurrence and genesis of ore-deposits.

Classification of rocks. Occurrence and genesis of igneous rocks. Metamorphism.

Practical Work.—Identification of minerals and rocks with a knowledge of their economic values. Microscope work. Palaeontology. Interpretation of geological maps. Mapping in the field

Mathematics.—Applications of the Differential and Integral Calculus. The elements of Spherical Trigonometry and of Differential Equations.

Mathematical Physics.—Same as for Arts.

Civil Engineering—*Strength of Materials and Theory of Structures.*—Stress. Strain. Stress-strain diagrams. Elastic moduli. Compound stress. Ellipse of stress. Working stress. Live loads. Wind Pressure. Moment of Inertia. Bending-moment and Shearing-force in beams. Moment of Resistance. Section Modulus. Rolling loads. Influence lines. Deflection of beams. Strength of Columns. Torsion of shafts. Riveted joints. Non-axial loads. Earth-

pressure. Depth of foundations. Safe pressures Conditions of stability in masonry structures. Retaining Walls. Dams. Arches. Piers. Chimneys. Reinforced concrete. Suspension bridges. Continuous girders. Cantilevers. Hinged and rigid arches. Testing machines and the testing of materials in the Laboratory.

Constructional Engineering.—Boring Operations. Foundations under water or in water-bearing Strata. Use of Compressed Air. Pile foundations. Grouting. Springs.

Timber Bridges, Brick and masonry Bridges. Methods of building Arches. Centres. Steel Bridges for Road and Railway. Flooring and bracing. Methods of fixing Bridges on their supports. Mechanism of movable Bridges. Structural details. Reinforced concrete Bridges.

Construction and maintenance of Roads and Streets. Road-rolling. Dust-prevention. Tramway tracks. Water-works, including Impounding, Filtering, and Distribution of water. Sewage. Refuse Disposal.

Preliminary survey and location of Railways. Alignment. Circular and Transition Curves. Earthwork. Tunnelling. Permanent Way. Stations. Signalling. Interlocking.

Quay walls. Breakwaters. Coast protection. Groynes.

Drawing Office and Field Work.—Design of structures and machinery met with in the Lectures, including Specifications, Quantities, Estimates, Tracings and Photo-prints, Surveying, Levelling, and Setting out-work in the field, Measuring up existing structures, Measurement of river and canal discharges, Plotting the field work and taking out quantities in the office.

Laboratory.—Examination and Testing of Materials in detail.

Electrical Engineering.—The theory of Alternating Currents in circuits of concentrated induction and capacity.

The theory, construction, and elementary design of choking coils and transformers.

The theory, construction, and elementary design of continuous current and alternating current generators.

The theory, construction, and elementary design of continuous current motors.

Alternating current motors.—Theory and design of Induction motors and the elementary theory of commutator motors, single and polyphase.

Rotary converters and other methods of rectification.

Industrial application of motors, and systems of control.

General treatment of generating stations and systems of transmission.

General treatment of electric traction.

Laboratory Work.—Two afternoons per week.

Drawing Office.—Design and preparation of drawings and tracings of machinery and installations to meet given specifications.

Prime Movers. — Elementary theory of Heat-Engines. Elementary treatment of Steam-Engine theory.

Construction of various forms of Steam-Engine, valves and valve gears, governors. Steam Turbines. Boilers and steam production.

Internal combustion engines. General theory of the usual cycles employed in gas and oil-engines.

Forms of modern gas and oil-engines. Ignition and governing. Suction-gas producer plants.

Water motors. Description of various forms of water turbines.

Either of the following groups of courses may be taken by students of the third year.

Civil Engineering Group:—

Geology.
Mathematics and Mathematical Physics.
Strength of Materials and Theory of Structures.
Constructional Engineering.
Drawing Office and Field Work.

Electrical Engineering Group :—

Mathematics and Mathematical Physics.
Strength of Materials.
Electrical Engineering.
Electrical Engineering, Drawing Office, and Laboratory Work.
Prime Movers.

SUBJECTS OF EXAMINATION.

First University Examination in Engineering

Mathematics.
Mathematical Physics.
Physics and Practical Physics
Engineering, including Geometrical Drawing. Surveying and Levelling. History of Architecture. Drawing Office Work.
Chemistry and Practical Chemistry.

Second University Examination in Engineering:—

Mathematics
Mathematical Physics.
Civil Engineering, including Advanced Surveying. Hydraulics, Building Construction. Materials of Construction. Drawing Office Work.
Electrical Engineering and Practical Laboratory Work.

Final Examination for the Degree of B.E.

Civil Engineering Group.

Geology.
Mathematics and Mathematical Physics.
Strength of Materials and Theory of Structures.
Constructional Engineering.
Drawing Office and Field Work.

Or Electrical Engineering Group.

Mathematics and Mathematical Physics.
Strength of Materials.
Electrical Engineering.
Electrical Engineering, Drawing Office, and Laboratory Work.
Prime Movers.

THE DEGREE OF MASTER OF ENGINEERING.

A candidate who shall have obtained the Degree of Bachelor in Engineering shall be eligible to receive the Degree of Master of Engineering on fulfilling the following conditions:—

1. Nine terms shall have elapsed from the time of conferring on the candidate the Degree of B.E.
2. He shall pass an Examination in
   (*a*) Strength and Elasticity of Materials;
   (*b*) The branch or branches of Engineering in which the Candidate has been engaged.

The following exemptions may be granted from the above Examination:—

(1) A Candidate who obtained First Class Honours with the B.E. Degree or who submits satisfactory evidence, in the form of designs executed, and a written account of work carried out by him, that he has been engaged on works of considerable importance may, on the report of the Examiners, be exempt from part (*a*).

(2) A Candidate may present a Thesis on some branch of Engineering which may be accepted as an alternative to the Examination under section (*b*). He shall be examined on the subject of his Thesis or any matter intimately connected with it.

The Thesis shall consist of a record (published or not) of original work, or of an essay on some branch of Engineering involving criticism.

A Candidate for the Degree shall fulfil one of the following conditions:—

(i) He shall have been engaged in the Design and Construction of Engineering works of an approved character for at least two years after graduation.

A detailed statement as to such experience vouched for by the Engineer or Engineers in charge, must be submitted.

Or

(ii) He shall have been engaged for at least two years in Research Work in Engineering Science in an adequately equipped Laboratory, and submit a Thesis on the result of his work, vouched for by the Professor or Head of the Laboratory.

All candidates for the Degree of M.E. must give six months' notice to the Dean of the Faculty of the College, of the branches of study in which they intend to present themselves for examination.

THE FACULTY OF COMMERCE.

(1923–1924).

Dean of the Faculty—

PROFESSOR MCBRYAN.

Professors.

Economics, Commerce, and Accountancy—

Francis MCBRYAN, M.A., H. Dip. in Ed.

Romance Languages—

LIAM O'BRIAIN, M.A.

German—

MARGARET M. COOKE, M.A.

English—

WILLIAM A. BYRNE, M.A.

History—

MRS. M. J. D. O'SULLIVAN, M.A.

Commercial Law—

P. A. ARKINS, B.A., LL.B.

Irish—

T. O'MÁILLE, M.A. (Manchester), PH.D. (Freiburg).

Geography—

JAMES MITCHELL, B.Sc., B.E., F.G.S.

Lecturer.

Modern Irish—

SEAGHÁN P. MACÉNRI, M.A., M.D., B.CH. (Dublin).

REGULATIONS FOR COURSES OF STUDY AND EXAMINATIONS LEADING TO THE DEGREE OF B. COMM.

Subsequent to matriculation there are two examinations leading to the Degree of B Comm., viz., the first examination in Commerce and the B.Comm. Degree Examination.

At least three terms or one Academic year must elapse between matriculation and the first examination, and at least six terms or two Academic years between passing the first examination and the Degree Examination.

The First Commerce Examination is accepted as equivalent to the First Arts Examination for the B.A. Degree Course in the equivalent subjects.

First Year

1. (*a*) *Economics.* Scope and Methods. Fundamental notions. Wealth. Value. Utility. Private property. Competition. The State. Labour.

Organization of production. General conditions. Labour, its division and the development of modern industry. Causes affecting productiveness of labour. Land. Capital. Organization of industry. Types of productive organization. Population.

Consumption. Historical aspect and present position. Forms. Productive and unproductive consumption. Organization. Services. Marginal values. Relation between Consumption and Production.

Value and Exchange. Value and Price. The theory of Value. Normal price. Markets. Relation of market price to cost of production. Speculation. Monopoly Value. Money. Paper Money. Credit.

Distribution. Rent. Forms of Land Tenure. Monopoly gains. Business Profits. Interest. Wages. Producers' surplus and labour problems. Combinations of Capitalists and Workmen.

(*b*) Economic History, with special reference to the Agricultural, Commercial and Industrial History of Great Britain and Ireland in the eighteenth and nineteenth centuries.

The attention of students will be directed to the Reports of Government Commissions and valuable articles in Economic Journals.

2. *A Modern Language.* One of the following:—Irish, French, German, Spanish, and Italian. (First Year's Arts Course).

3. *The Organization of Industry and Commerce.*

(*a*) Commercial Technique. This Course will deal with the operations and the chief Commercial Institutions connected with the Home and Foreign Trade, and the most important mercantile documents. An outline survey will be given of the Banking system, the mechanism of Exchange and the Foreign Exchanges. (Two hours per week).

(*b*) Accounting. A general exposition of its nature and utility. Its historical development. Double Entry as contrasted with Single Entry. The uses of the Journal. Retailers' Accounts. The treatment of Bills of Exchange. Consignments. Buying and selling on Commission. Farm Accounts. Current Accounts Equation of Payments. Contract Accounts. Percentage Statements. Balance Sheets. (One hour per week).

4. *English with special reference to Commercial Practice.*

5. *A Science or an Arts Subject.* (*First Year's Arts or Science Course*).

Second Year.

1. *Economics.* The First Year's Course will be treated in greater detail. International Trade. Public Finance and Taxation. The State in relation to business. Trade Unions. Labour Legislation. Agencies for industrial peace.

2. *A Modern Language.* One of the following:—Irish, English, French, German, Spanish, and Italian. (Second Year's Arts Pass Course, modified at the discretion of the Professor).

3. *The Organization of Industry and Commerce.*

(*a*) Business Organisation. Its evolution. The effects of the factory system. The organization of a modern factory. Business Combines. The organization of the markets. Functions of the middleman. The Exchange. Clearing-house system. Marketing of manufactured goods. Organization of the Export business. Governmental Intelligence Departments, British and Continental. The Consular Service. Organization in manufacturing Industries. Inter-departmental trading. Various methods of paying the price of Labour. Common basis of all kinds of Wages. The relations between Trade Unionism and Co-operation. Profit sharing. Its relation to the Wage system. Industrial Co-operation. (Two terms of two hours per week).

(*b*) Office Organisation. The principles of management. Management units. Modern aids in management. Standardisation and Equipment. Methods of internal check. The connexion between records and results. Cost systems. Credits and Collections. (One term of two hours per week).

(*c*) Accounting. Manufacturers' Accounts. Modern systems of accounting, such as Card Index and Loose-leaf systems. Capital and Revenue Expenditure. Good-will: its nature and treatment in Accounts. Valuation of Stocks. Depreciation, Reserves, Reserve Funds, and Sinking Funds. Departmental and Branch Accounts. Receipts and Expenditure Accounts. Limited Liability Companies' Accounts. (Two hours per week).

4. *Economic Geography.* Review of physical geography introductory to the study of commercial geography. Influence of climate and relief on commerce and industry. Natural regions. Distribution of rocks, soils, vegetation and ore-deposits and construction of maps and diagrams bearing thereon. Diagrammatic

representation of geographical data. Sources of mechanical power. Distribution of population. Geographical factors controlling distribution of industrial centres, markets and lines of communication. Situation of industries in their relation to geological structure. Trade centres and trade routes. Geographical basis of production, distribution and exchange of the more important commodities. Geographical causes for the rise, development and distribution of important industries. Geographical conditions which influence the economic and strategical position of States. Geography of certain countries of the world with special reference to industry and commerce. (Two hours per week).

5. A Science or an Arts subject. (Second Year's Arts or Science Pass Course, modified at the discretion of the Professor).

Third Year.

1. *Economics.*

(*a*) History of Economic Theory. (One Term).

(*b*) Economics of Transport. (One Term).

(*c*) Methods and application of Statistics. (One Term).

2. *The Organization of Industry and Commerce.*

(*a*) Descriptive Economics. An historical survey and the present economic position of the Linen, Cotton, Woollen, Iron and Steel, and the Transport industries, Co-operation, Trusts and Industrial Combines, Trade Unions and Factory Legislation. (One Term).

(*b*) Banking and Currency. This Course will include the following: — The functions of money. Various forms of money. The history of Currency. Legal Tender. Standard and Token Money. The Mint Regulations. History of Prices in the 19th and 20th Centuries. Convertible and Inconvertible Paper Money. The Foreign Exchanges. Commercial Crises. Financial Panics. The functions of Banking Historical account of English and Irish Banking systems. The Structure of the British Banking

system. The Bank of England. Analysis and Criticism of the 1844 Act. Foreign Banking systems The Clearing-house. The Money Market. (Two Terms).

(c) Accounting. Income Tax: its historical aspect and treatment in Accounts. Bankruptcy and Insolvency Accounts. Stores and Stock Accounts. Costs Accounts. Accounts of Local Authorities. Methods of Internal Check and Organization in Accounts. Self Balancing Ledgers. The rights and duties of Auditors (Two hours per week).

3. *The Modern Language chosen in the second year with a Commercial Course.*

Special Course in Irish for 2nd and 3rd Year Commerce instead of Arts Course:—

The speaking of Irish.

Imleabhar prióruin (Ó Neachtain).

Stories and Selections from Keating (Bergin), or equivalent.

Beirt Saeóilgeoirí ra cáirt (Ó Murchadha)

Handbook of Modern Irish, Parts iii. and iv. (for Grammar and Composition).

O'Carolan's Poems; An Saoi Amhar (Ó Máille)

References and passages relating to Commerce in Irish Literature.

Writing of Irish letters and essays on Commercial and Industrial Subjects.

Irish Names of Places.

4. *Industrial and Commercial Law.*

General principles of the Law of Contracts. Negotiable Instruments. Banking. Sale of Goods. Marine Insurance. Carriage by Land and Sea. Bankruptcy. Company Law. The Law of Partnership. Industrial Law with special reference to Factories and Workshops, Workmen's Compensation and Trades Unions.

5. A Science or Arts subject In the case of a Modern Language, a Commercial Course will also be taken.

Final Examination.

The subjects for the Examination for the Degree of B. Comm. are:—Economics, Organization of Industry and Commerce, a Modern Language, Economic Geography, Industrial and Commercial Law, one subject selected from the Faculties of Arts or Science. For Students taking Honours the subjects will be grouped as follows:—Economics and Commerce to be the Primary Subjects; the remaining subjects to be taken for the Degree examination will be considered as Subsidiary Subjects. The Examination in the Subsidiary Subjects may be taken at the end of the Second Academic Year.

REGULATIONS FOR M.COMM. DEGREE.

Bachelors of Commerce shall be eligible to obtain the degree of M.Comm. nine terms after obtaining the B.Comm. degree provided that they shall have—

(*a*) Passed the prescribed examination for the Degree; and either

(*b*) Written and presented a dissertation which, in the judgment of the Examiners, is of sufficient merit; or

(*c*) Complied with such conditions, and performed such other exercises as may be prescribed for the purpose of qualifying for the Degree.

1. The Examination shall be in four parts, viz.:—

(*a*) Commerce (including Organisation);

(*b*) Economics (including Finance);

(*c*) Accountancy (including the cognate Law);

(*d*) An Essay.

Until further notice, the four Examination Papers will be set in:—

(*a*) "Factory Management";

(*b*) "The Evolution of the Money Market";

(*c*) "Cost Accounts";

(*d*) An Essay: on some industrial, commercial, or financial subject selected, at the Candidate's option, from those indicated in this Examination Paper.

Provided that a Candidate who had obtained First Class Honours with the B.Comm. Degree may be exempted *from any two*, at his option, of the four parts (*a*), (*b*), (*c*), (*d*), prescribed for the Examination.

2. A Candidate for the M. Comm. Degree shall fulfil the following conditions:—

(1) He shall submit certified evidence that (*a*) subsequent to his graduation (as B.Comm.) he has had at least two years' business experience in a position (or positions) of such importance as, in the opinion of the Examiners, may be deemed adequate, and (*b*) he shall present a Dissertation in which he expounds the practical handling of some branch of industrial or commercial activity, and which shows, in the opinion of the Examiners, that the Candidate possesses powers of independent investigation and critical judgment. (He shall be examined orally on the subject of his Dissertation.)

Provided that a Published Work or a Work put into a form ready for publication, upon some department of economic activity which, in the opinion of the Examiners, embodies original research and is deemed to be a sufficiently meritorious contribution to economic literature, may be accepted by the Examiners in substitution for the conditions (*a*) and (*b*) above. (He shall be examined orally on his Report or Work.)

(2) A Candidate for the Degree of M.Comm. must give six months' notice, in writing, to the Dean of the Faculty of Commerce in the College, of the branches of study and of the original writings by which he intends to submit his claim for the Degree.

CERTIFICATE IN COMMERCE

Candidates for this Examination must choose at least four subjects from those assigned to the Faculty of Commerce, two of which must be Commerce and a language other than English.

The Examination shall be divided into two parts, with an interval of not less than one academic year between them, and not less than two subjects shall be presented at each part.

Candidates, other than those pursuing prescribed Lectures in University College, Galway, must follow for at least one year a prescribed Course of Study in an approved School of Commerce before being admitted to the first part of the Examination, and a further attendance of at least one year before presenting themselves for the second year.

Candidates who have pursued in University College, Galway, for three terms the Courses of Study in at least four subjects belonging to the Faculty of Commerce, two of which must be Commerce and a language other than English, shall be admitted to the Examination in these subjects.

List of subjects for Certificate in Commerce :—

Accountancy.	History.
Banking.	Italian.
Commerce.	Law.
Irish	National Economics.
English.	Economics.
French.	Spanish.
Geography.	Statistics.
German.	

REGULATIONS FOR HIGHER DEGREES ON RESEARCH

The following Regulations have been prescribed in reference to Higher Degrees on Research under Statute VIII., N.U.I., Chap. XLV. A. :—

(1). No person under the age of 25 unless he is already a graduate of a University shall be eligible to enter as a student with a view to obtaining a Higher Degree under this Statute.

(2). The name and the educational qualifications of a candidate proposing to enter on a course of research for a Higher Degree shall in the first instance be submitted to the Faculty of the Constituent College in which the Research is intended to be pursued, by the Professor under whom it is to be carried on. If the application thus submitted be approved by the Faculty and the Academic Council, such approval shall be reported to the General Board of Studies and the Senate

(3). If admitted by the Senate the candidate shall be required to pursue in the Constituent College a course of research under the Professor of the department of study concerned.

The duration of the Course of research shall extend over at least three terms for a Master's Degree, and over at least six terms for a Doctor's Degree

These conditions shall apply retrospectively to candidates recommended by a Professor to a Faculty.

The Professor may, at the end of three terms, if dissatisfied with the work of the Student, make a recommendation to the Academic Council that facilities for further research be withdrawn, and the work terminated.

(4). Every Dissertation for the Master's Degree shall contain a statement of the relation of the work to the existing state of knowledge on the subject selected, with bibliographical summary of the authorities consulted.

(5). Some part of the Published Work presented for Doctorates shall be independent work, conducted and achieved by the Student.

Any previous Published Work submitted by the candidate may be considered by the Examiners, in addition to the work done in a Constituent College.

(6). When work submitted for Doctorates has been published under joint names, or when it is otherwise evident to the Examiners that the Student has been assisted in the carrying out of the work, the Student shall supply a statement of the part he took in the work, and the Examiners may obtain similar information from the joint author. For this purpose a form shall be drawn up which the Registrar shall send to the joint author for his reply at the request of the Examiners.

A bibliographical summary of the authorities consulted shall accompany the copies of each Published Work submitted for a Doctorate, and, in addition, in the case of Doctorate in Science, a statement of the relation of the author's own contributions to the general state of knowledge on the matter at the time of the inception of his work.

The research work shall be supplemented by an Examination, unless in the judgment of the General Board of Studies, acting on the advice of the Examiners appointed by the General Board of Studies, who may or may not be members of the Faculty concerned, the Examination in view of the excellence of the research work submitted by the Candidate, may be wholly or in part dispensed with.

THE DEGREE OF DOCTOR.

Extracts from Statutes of the University.

A Candidate shall be eligible to obtain any of the Degrees of Doctor hereinafter in this Section mentioned after the expiration of the respective periods hereinafter specified from the time of his obtaining the Degree in each case hereinafter mentioned, that is to say, the Degree of :—

Doctor of Literature, Fifteen Terms after obtaining the Degree of Bachelor of Arts ;

Doctor of Philosophy, Fifteen Terms after obtaining the Degree of Bachelor of Arts ;

Doctor of Celtic Studies, Fifteen Terms after obtaining the Degree of Bachelor of Arts ;

Doctor of Science, Fifteen Terms after obtaining the Degree of Bachelor of Science, or Bachelor of Arts, or Bachelor of Medicine, or Bachelor of Engineering ;

Doctor of Laws, Fifteen Terms after obtaining the Degree of Bachelor of Laws ;

Doctor of Medicine, Nine Terms after obtaining the Degree of Bachelor of Medicine ;

Doctor of Science, Public Health, Nine Terms after obtaining the Degree of Bachelor of Science, Public Health ;

Doctor of Music, Fifteen Terms after obtaining the Degree of Bachelor of Music ;

Provided that a Bachelor of Medicine, Surgery, and Obstetrics, who has obtained the Degree of Bachelor of Arts, or Bachelor of Science, shall be eligible to obtain the Degree of Doctor of Medicine, after the expiration of Six Terms from his obtaining the Primary Degrees in the Faculty of Medicine.

A Candidate shall not be eligible to obtain the Degree of Doctor in the Faculty of Arts (D.Litt.), in the Faculty of Celtic Studies (D.Litt. Celt.), in the Faculty of Philosophy (D.Phil.), in the Faculty of Science (D.Sc.), in the Faculty of Law (LL.D.), or in Music (D.Mus.), unless he shall present an original work by himself, and, in addition, pass such Examination as may satisfy the General Board of Studies that he is worthy to have the Degree of Doctor conferred upon him ;

> Provided that the General Board of Studies, acting upon the advice of Examiners appointed by the General Board of Studies, who may or may not be Members of the Faculty in the Subjects of which the Degree of Doctor is sought, may, in view of the excellence of the original work presented by the Candidate dispense, wholly or in part, with any such further Examination.

The work to be presented by a Candidate for the Degree of Doctor of Literature, of Celtic Studies, of Philosophy, or of Science, must be a published work, which either shows original thought, or embodies results of personal research so as to be in the judgment of the Examiners worthy of recognition by the University as adding to the sum of existing knowledge of the subject treated.

The work to be presented by a Candidate for the Degree of Doctor of Laws must be a contribution to the advancement of the study of Law, or of the Science of Law, which, in the judgment of the Examiners, is worthy of recognition of such Degree.

A Candidate shall be eligible to obtain the Degree of Doctor of Medicine* (M.D.), or Doctor of Science, Public Health (D.Sc., Public Health) by passing such Examinations as may be prescribed, or by presenting a published work embodying the results of personal

*See page 127.

observations or original research, which, in the judgment of the Examiners of the Medical Faculty, appointed by the General Board of Studies, shall be considered worthy of recognition by such Degree.

(*See* "*The M.D. Degree.*")

The work to be presented by a Candidate for the Degree of Doctor of Music must be an original Composition, of a form and structure to be prescribed. If the work presented by the Candidate is approved by the Examiners, he will be admitted to an Examination in which he must answer in prescribed subjects. There shall be, in addition, a Practical Examination at which the Candidate will be required to play prescribed pieces, and also to perform at sight, on prescribed instruments.

No Degree will be granted to any Candidate unless such Candidate shall have obtained his Primary Degree in the University after pursuing an Approved Course of Study, and passing the Examinations prescribed for such Primary Degree.

REGULATIONS FOR THE DEGREE OF PH.D.

(1). The application of a graduate of the National University or of another University who proposes to enter on a Course of study and research for the Degree of Ph.D. shall be submitted to the Faculty of the Constituent College in which the Course is to be pursued by the Professor under whose direction the student is to work.

No candidate shall be eligible to enter on a Course of study and research for the Degree of Ph.D. unless he has reached Honours Standard at the Examination for the Primary Degree, or presented such other evidence as will satisfy the Professor and the Faculty of his fitness.

If the application be approved by the Faculty and the Academic Council of the Constituent College, such approval shall be reported to the General Board of Studies and the Senate.

(2). The Course of Study and research shall extend over nine terms, but the Board of Studies may allow this period to be reduced to six terms on a report from the Professor concerned, this report having been approved by the Academic Council of the Constituent College.

(3). The student shall pursue research under the direction of the Professor for the full period of nine or six terms.

He shall also read such a Course and attend such lectures in the College as may be prescribed by the Academic Council on the recommendation of the Professor.

(4). When the Candidate submits his research work to the University, the Professor shall report to the Board of Studies as to the Course of study that the Candidate has pursued.

The Board of Studies shall appoint Examiners to consider the Dissertation and may direct that, in addition to such examination on the subject matter of the Dissertation as the Examiners shall consider necessary, a further written Examination shall be held.

(5). When submitting an account of his research work to the University the Candidate may include work done elsewhere than in a Constituent College of the University.

DIPLOMA IN PUBLIC HEALTH.

EXTRACT FROM STATUTE III. OF THE UNIVERSITY.

The Diploma may be granted to Students who, although they may not have matriculated at the University, shall have completed Approved Courses of Study, approved for the purpose, and shall have passed the prescribed Examinations; provided that it shall not be granted except to a registered medical practitioner

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RESOLUTIONS AND RULES

FOR DIPLOMAS OR DEGREES IN SANITARY SCIENCE, PUBLIC HEALTH, OR STATE MEDICINE.

ADOPTED BY THE GENERAL MEDICAL COUNCIL ON MAY 29, 1922.

To come into force on January 1, 1924.

The COUNCIL, having regard to the special privileges accorded by Statute to the holders of Diplomas in Sanitary Science, Public Health, or State Medicine,

granted under Section 21 of the *Medical Act*, 1886, will not consider such Diplomas to "deserve recognition in the *Medical Register*" unless they have been granted under such conditions of education and examination as shall ensure, in the judgment of the COUNCIL, the possession of a distinctively high proficiency, scientific and practical, in all branches of study which concern the Public Health. In forming its judgment on such conditions of education and examination, the COUNCIL will expect the following *Rules* to have been observed :—

Rule 1. A period of not less than two years shall elapse between the attainment by a candidate of a registrable qualification in Medicine, Surgery, and Midwifery and his admission to the Final Examination for a Diploma or Degree in Sanitary Science, Public Health, or State Medicine.

*** The purpose of *Rule* 1 is to provide opportunity for candidates for the Diploma or Degree in Sanitary Science, Public Health, or State Medicine, to pass from the state of pupilage to that of responsible practitioners, to give mature consideration to the obligations and duties involved in the work of the Public Health Service, and to acquire direct experience of medical work in a responsible capacity either in practice or in hospital or laboratory appointments. The Council believe that, in the public interest, the time has arrived to adapt the Diploma to candidates who are seriously intending to take up Public Health work as a career.

Rule 2. The curriculum for a Degree or Diploma in Sanitary Science, Public Health, or State Medicine shall extend over a period of not less than twelve calendar months subsequent to the attainment of a registrable qualification.

Rule 3. Every candidate shall produce evidence of having attended, during a period of not less than five months, at an institution approved by the Licensing

Body granting the Diploma or Degree, practical instruction in—

(*a*) Bacteriology and Parasitology (including Medical Entomology), especially in their relation to diseases of man, and to those diseases of the lower animals which are transmissible to man ;

(*b*) Chemistry and Physics in relation to Public Health ;

(*c*) Meteorology and Climatology in relation to Public Health.

At least 180 hours must be devoted to Course (*a*), of which not less than 150 hours shall be occupied in practical Laboratory work.

At least 90 hours must be devoted to Course (*b*), of which not less than 70 hours shall be occupied in practical Laboratory work.

At least 10 hours must be devoted to Course (*c*).

Rule 4. Every candidate shall produce evidence of having received, during not less than 80 hours, at an institution or from teachers approved by the Licensing Body granting the Diploma or Degree, instruction in the following subjects :—

(*a*) The Principles of Public Health and Sanitation (30) ;

(*b*) Epidemiology and Vital Statistics (20) ;

(*c*) Sanitary Law and Administration (including Public Medical Services (20) ;

(*d*) Sanitary Construction and Planning (10).

[The numbers indicate the normal proportion of time to be given to each subject.]

Rule 5. Every candidate shall produce evidence that he has attended for three months on the clinical practice of a recognised Hospital for Infectious Diseases, and has received therein instruction in the methods of administration. At least 30 daily attendances of not less than two hours in each week shall be required.

Rule 6. Every candidate shall produce evidence that he has, during a period of not less than six months, been engaged in acquiring a practical knowledge of the duties, routine and special, of Public Health Administration under the supervision of a Medical Officer of Health, who shall certify that the candidate has received, from this Officer or other competent Medical Officer, during not less than three hours on each of sixty working days, practical instruction in these duties, and also those relating to—

(*a*) Maternity and Child Welfare Service ,

(*b*) Health Service for Children of School Age ;

(*c*) Venereal Diseases Service ;

(*d*) Tuberculosis Service ;

(*e*) Industrial Hygiene ;

(*f*) Inspection and Control of Food, including meat and milk.

Certificates of having received the prescribed instruction in Public Health Administration must be given by a Medical Officer of Health who devotes his whole time to Public Health work : or by the Medical Officer of Health of a Sanitary Area having a population of not less than 50,000, or in Ireland the Medical Superintendent Officer of Health of a County or County Borough having a population of not less than 50,000.

Rule 7. The examination for the Diploma or Degree shall be divided into two parts, Part I. and Part II.,

each of which shall extend over not less than two days, and shall be conducted by Examiners specially qualified.

A candidate must pass in all the subjects of Part I. before being admitted to examination for Part II.

In Part I., and also in Part II., a candidate must pass in all the specified subjects at one time.

Rule 8. The examination for Part I. shall be practical, written, and oral, and shall include the following subjects :—

Bacteriology and Parasitology (including Medical Entomology) ;

Chemistry and Physics, and Meteorology and Climatology, in relation to Public Health.

Candidates may not be admitted to examination for Part I. until after they have completed the prescribed courses of instruction in the subjects thereof.

Rule 9. The examination for Part II. shall include the following subjects :—

Hygiene and Sanitation (including Sanitary Construction) ;

Epidemiology and Infectious Diseases ;

Sanitary Law and Vital Statistics ;

Public Health Administration.

The examination shall be written and oral, and shall include practical examinations in Infectious Diseases ; Food Inspection ; Inspection of premises—dwellings, factories, workshops, schools, etc.

Candidates may not be admitted to examination for Part II. until after they have completed the prescribed courses of instruction in the subjects thereof.

No candidate shall be admitted to Part II. of the examination until after the lapse of not less than two years from the date of his obtaining a registrable qualification in Medicine, Surgery, and Midwifery, which qualification must be registered before admission to Part II. of the examination.

COURSES.

1. Bacteriology. Lectures and Practical Course.
2. Hygiene. Vital Statistics. Public Health Acts.
3. Physics and Meteorology.
4. Chemistry. Air, Water, Food, Sewage, etc. Practical Hygiene.
5. Sanitary Engineering and Architecture

The Laboratory Courses in Bacteriology and Chemistry are arranged as follows :—

Bacteriology—In Michaelmas and Hilary Terms.

Chemistry—In Trinity Term.

Bacteriology.

A Course of practical instruction in Bacteriology will be conducted by the Professor or his Assistants during Michaelmas and Hilary Terms. It will include the detailed practical study of the chief micro-organisms (Bacteria and Protozoa) producing disease in man and

the domestic animals; the methods of performing the several bacteriological and diagnostic examinations which the Medical Officer of Health may be called upon to perform; the comparative study of methods of disinfection and the action and efficiency of the principal germicidal substances.

Physics and Meteorology.

The elementary principles of Mechanics and Hydrostatics.

Heat, including thermometry, expansion, specific and latent heat, vapour pressure, evaporation, dewpoint, humidity of the atmosphere, conduction, convection, radiation. The principles of heat transmission and ventilation.

The principles of Meteorology including circulation of the atmosphere, cyclones, anticyclones, weather forecasting, classification of climates. The measurement of rainfall and sunshine.

Atmospheric electricity, thunderstorms, lightning conductors.

Sanitary Engineering and Architecture.

Principles of building construction in their application to dwellings, barracks, hospitals, schools, factories, etc.; warming, ventilation, drainage, water-supply, in relation thereto. Relation of window space to wall surface. Measurement of cubic and superficial space. Space to be provided per bed in schools, barracks, general and fever hospitals. Natural and artificial ventilation. Various kinds of closets and their position and defects. House drains, their ventilation and flushing. Sub-soil drainage. The general disposal of sewage and refuse. Sources, collection, storage, and distribution of water.

Practical Chemistry.

Methods of Chemical analysis. Normal and abnormal composition of atmospheric air. Pure and impure water. Food and its adulteration. Chemical processes for treatment of sewage. Disinfectants, their composition and mode of action. Poisonous substances used in manufactures. Nature and treatment of effluvia from factories, etc.

Vital Statistics.

The principles and methods of Vital Statistics.

Laws and Statutes relating to Public Health.

Model By laws of Local Government Board.

Hygiene.

Hygiene.—Diet under different conditions. Diseases produced by unsound food. Diseases of animals and plants used as food. Diseases transmissible to man by animals, water and milk. Characteristics as regards origin, pathology, symptoms, propagation, geographical distribution, and prevention of epidemic, endemic, and other infective diseases of temperate and tropical climates. Methods of dealing with epidemics. Effects on health of overcrowding. Unwholesome trades or occupations. Nuisances injurious or dangerous to health. Clothing and exercise. Disposal of the dead. Public Health Acts.

The Courses in the College extend over six months.

B.Sc. IN PUBLIC HEALTH.

EXTRACT FROM THE STATUTES OF THE UNIVERSITY.

A Candidate shall not be eligible to obtain the Degree of Bachelor of Science, Public Health, unless he

(*a*) shall have received the Degree of M.B., B.Ch., and B.A.O. at least one year previously ;

(*b*) shall have pursued an Approved Course of Study in the Faculty of Medicine ; and

(*c*) shall have passed the prescribed Examination.

COURSES.

In addition to D.P.H. Courses :—

1. Special Pathology (Michaelmas Term).
2. Advanced Bacteriology, Protozoology and Epidemiology (Hilary Term).
3. Advanced Course in Hygiene (Trinity Term).

THE TIME-TABLE.

The Time-Table is subject to alteration by the Academic Council.

FACULTY OF ARTS.

Subject.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
GREEK—						
First Year Pass ...	9–10	—	—	—	9–10	11–12
First Year Honours ...	—	—	—	12–1	—	10–11
Second and Third Year Hon.	11–12	—	9–10	9–10	11–12	12–1
LATIN—						
First Year Pass ...	12–1	—	12–1	—	12–1	—
First Year Honours ...	—	11–12	—	11–12	—	—
Second & Third Year Hon.	—	10–11	—	10–11	—	—
Second & Third Year Pass	10–11	—	10–11	—	10–11	—
ENGLISH—						
First Year Pass and Hons.	11–12	—	11–12	—	11–12	—
Second Year Pass and Hons. and Third Year Pass.	3.30–4.30	3.30–4.30	—	—	—	—
Second and Third Year Pass and Honours.	—	—	3.30–4.30	—	—	—
Third Year Honours ...	—	—	—	3.30–4.30	12–1	—
IRISH (Prof. O'Maille)—						
First Year Arts ...	—	9–10	9–10	9–10	—	—
Second Year Arts ...	10–11	—	10–11	—	11–12	10
Third Year Arts ...	10–11	10–11	—	—	10–11	—
Do. ...	—	—	—	—	1–2	—
Post-Graduate Class ...	11–12	—	11–12	10–11	11–12	—
IRISH (Dr. MacEnri)—						
First Year Arts ...	—	1–2	—	1–2	—	—
Second Year Arts ...	—	11–12	—	11–12	—	—
Third Year Arts ...	—	12–1	—	12–1	—	—
Post-Graduate Class ...	1–2	—	—	—	1–2	—
CELTIC ARCHÆOLOGY—						
Hours to be arranged.						

FACULTY OF ARTS—*continued.*

Subject.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat
FRENCH—						
First Year ...	—	10–11	10–11	—	10–11	—
Second Year	—	12–1	—	12–1	—	11–12
Third Year ...	—	11–12 12–1	—	11–12	—	12–1
GERMAN—						
First Year	—	10–11	—	10–11	—	10–11
Second Year ...	12–1	—	12–1	—	12–1	—
Third Year	11–12	—	11–12 12–1	—	11–12	—
ITALIAN—						
First Year	—	1–2	—	—	1–2	—
Second Year	1–2	—	—	1–2	—	—
SPANISH—	Hours to be arranged.					
HISTORY—	Hours to be arranged.					
LOGIC—						
First Year	1–2	—	1–2	—	—	—
PHILOSOPHY— ...	—	11–12	—	11–12	—	11–12
Second and Third Years						
LOGIC—						
PSYCHOLOGY—						
METAPHYSICS—	Hours to be arranged.					
ETHICS—						
POLITICS—						

FACULTY OF ARTS—*continued.*

Subject.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
EDUCATION—						
Diploma Course ...	3.30–4.30	3.30–4.30	3.30–4.30	3.30–4.30	2–3	—
M.A. Course	3.30–4.30	3.30–4.30	3.30–4.30	3.30–4.30	2–3	2-4
ECONOMICS	Same as for Faculty of Commerce.					
MATHEMATICS ...	Same as for Faculty of Science					
MATHEMATICAL PHYSICS ...	Same as for Faculty of Science. See p. 136.					

FACULTY OF CELTIC STUDIES.

Hours to be arranged.

FACULTY OF SCIENCE.

Subject.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
MATHEMATICS—						
First Year Honours ...	—	10–11	—	10–11	—	10–11
First Year Pass ...	1–2	—	1–2	—	1–2	—
Second and Third Year Pass	11–12	—	11–12	—	11–12	—
Second Year Honours ...	10–11	—	10–11	—	10–11	—
Third Year Honours,*						
Physics—						
First Year Honours, Experimental.	—	9–10	—	9–10	9–10	—
First Year Pass, Experimental.	12–1	—	12–1	—	12–1	—
Second Year, Experimental	—	11–12	—	11–12	—	11–12
First Year, Mathematical	—	9–10	—	9–10 11–12	—	11–12
Second Year Honours, Mathematical.	9–10	—	9–10	—	—	9–10
Second Year Pass, Mathematical.	—	9–10	—	9–10	—	11–12
Third Year Honours, Mathematical.	—	10–11	—	10–11	—	10–11
Third Year Pass, Mathematical.	9–10	—	9–10	—	—	9–10
First Year, Practical ...	—	3.30–6.30	—	3.30–6.30	—	—
Second Year, Practical	—	3.30–6.30	—	3.30–6.30	—	—
Third Year, Practical ...	3-30–6.30	—	3.30–6.30	—	3.30–6.30	—
Post-Graduate ...	3.30–6.30	—	3.30–6.30	—	3.30–6.30	—
CHEMISTRY—						
First Year Pass and Hon.	—	12–1	—	12–1	—	12–1
Second Year Pass and Hon.	12–1	—	12–1	—	12 1	—
Third Year, Pass and Hon.*						
First Year, Practical ...	3.30–6.30	—	3.30–6.30	—	3.30–6.30	—
Second Year, Practical	3.30–6.30	—	3.30–6.30	—	3.30–6.30	—
Third Year, Practical*						

* Hours and days to be arranged

FACULTY OF SCIENCE—*continued.*

Subject.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
BOTANY AND ZOOLOGY—						
First Year, Botany ...	9–10	—	9–10	—	—	—
Second Year Botany* ...	—	—	—	—	—	—
Third Year Botany* ...	10–12	—	—	—	—	—
First Year, Prac. Botany	10–12	—	—	—	—	—
First Year, Zoology ...	—	10–11	—	10–11	—	—
Second Year, Zoology* ...						
Third Year, Zoology* ...						
First Year, Prac. Zoology	—	—	10–12	—	—	—
GEOLOGY—						
Second and Third Years	—	9–10 or 11–12	—	9–10 or 11–12	—	9–10 or 11–12
Second and Third Year, Practical.*						
ANATOMY AND PHYSIOLOGY.*						
PATHOLOGY—						
Second Year	1-2	—	1-2	—	1-2	—
Third Year*						
Second Year, Practical	—	12-2	—	12-2	—	—
Third Year, Practical*						
ELECTRICAL ENGINEERING—						
Second Year	9–10	—	9–10	—	9–10	—
Third Year Pass ...	—	9–10	—	9–10	—	—
Third Year Honours	12–1	—	12–1	—	12–1	—
Second Year, Practical	—	3.30–5.30	—	3.30–5.30	—	—
Third Year, Practical ...	3.30–5.30	—	3.30–5.30	—	—	—

* Hours and days to be arranged.

FACULTY OF SCIENCE—*continued.*

Subject.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
PHYSICAL GEOGRAPHY		Hours to be arranged.				
LOGIC		Hours to be arranged.				
IRISH—(PROF. O'MAILLE) (3)						
IRISH—(PROF. MACENRI) (4)		As for Arts.				
ANY OTHER LANGUAGE	Same hours as for First Year.			Faculty of Arts,		
AGRICULTURAL SCIENCE.						
First Year—						
Mathematics (1)						
Mechanics (1)						
Experimental Physics (1)						
Chemistry (1)						
Drawing (2)						
Logic, French, German, or Irish (1).						
Second Year—						
Botany (1)						
Zoology (1)						
Organic Chemistry (2)						
Geology (1)						
Elemen. Bacteriology (2)						
Farm Accountancy (2)						

(1) Same hours as for non-Agricultural Science Students.
(2) Hours to be arranged.
(3) 11-12 Tuesday or 9-10 Wednesday.
(4) 11-12 or 1-2 Friday.

FACULTY OF MEDICINE.

Subject.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
First Year :						
Anatomy ...	1–2	—	1–2	1–2	—	—
Practical Anatomy	—	—	—	—	9–12	9–12
Chemistry ...	—	12–1	—	12–1	—	12–1
Practical Chemistry	3.30–5.30	—	—	—	3.30–5.30	—
Experimental Physics	12–1	—	12–1	—	12–1	—
Practical Physics ...	—	3.30–5.30	—	3.30–5.30	—	—
Botany ...	9–10	—	9 10	—	—	—
Practical Botany ...	10–12	—	—	—	—	—
Zoology ...	—	10–11	—	10–11	—	—
Practical Zoology ...	—	—	10–12	—	—	—
Second Year :						
Anatomy ...	1–2	1–2	1–2	1–2	1–2	—
Practical Anatomy	12–1 4.30–6.0	10–1 4.30–6.0	12–1 4.30–6.0	12–1 4.30–6.0	10–1 4.30–6.0	10–1
Physiology ...	3.30–4.30	3 30–4.30	3.30–4.30	3.30–4.30	3.30–4.30	—
Practical Physiology	10–12	—	10–12	10–12	—	—
Third Year :						
Pathology ...	1–2	—	1–2	—	1–2	—
Practical Pathology	—	12–2	—	12–2	—	12–2
Materia Medica ...	—	2–3	—	2–3	—	2–3
Practical Pharmacy	2–3	—	2–3	—	2–3	—
Hygiene* ...						
Med. Jurisprudence*						
Fourth Year :						
Medicine ...	1–2	—	1–2	—	1–2	—
Surgery ...	12–1	—	12–1	—	12–1	—
Operative Surgery*						
Midwifery ...	—	1–2	—	1–2	—	1–2
Applied Anatomy*...						
Ophthalmology and Otology.	2–3	2–3	—	2–3	—	—
Mental Diseases* ...						
Pathology ...	1–2	12–1	1–2	12–1	1–2	—
D.P.H. Courses* ...						

* Hours to be arranged.

FACULTY OF LAW.

Subject.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
First Year :						
Jurisprudence and Roman Law.	4–5	—	4–5	—	4–5	—
Second Year :						
Constitutional Law and International Law.	5–6	—	5–6	—	5–6	—
First Year :						
Law of Property ...	5–6	—	5–6	—	5–6	—
Second Year :						
Equity and Criminal Law.	4–5	—	4–5	—	4–5	—
First and Second Year :						
Political Economy ...	—	4–5	—	4–5	—	1–2

FACULTY OF ENGINEERING.

Subject.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
First Year—						
Mathematical Physics ...	Same as for Faculty of Science. See p. 170.					
Mathematics	1–2	—	1–2	—	1–2	—
Mathematics, Honours ...	—	10–11	—	10–11	—	10–11
Physics	12–1	—	12–1	—	12–1	—
Physics, Practical ...	3–5	—	—	—	3–5	—
Chemistry	—	12–1	—	12–1	—	12–1
Chemistry, Practical ...	—	3.30–5.30	—	3.30–5.30	—	—
Engineering	10–11	—	10–11	—	10–11	—
Drawing	—	11–12	11–12	—	11–12	11–12
Second Year—						
Mathematics	11–12	—	11–12	—	11–12	10–11
Mathematics, Honours	10–11	—	10–11	—	10–11	—
Mathematical Physics ...	—	9–10	—	9–10	—	11–12
Mathematical Physics, Hon	—	—	9–10	—	—	9–10
Surveying and Hydraulics	12–1	—	12–1	—	12–1	—
Building Construction, &c.	—	10–11	—	10–11	—	—
Drawing, Field-work, and Laboratory.	3–5	12–2	3–5	12–2	—	—
Electrical Engineering ...	10–11	—	10–11	—	10–11	—
Electrical Engineering, Practical.	—	3–5	or		3–5	—
Machines (one term) ...	—	11–12	—	11–12	—	—
Third Year (Civil)—						
Mathematics	Hours to be arranged.					
Mathematical Physics ...	9–10	—	9–10	—	—	9–10
Mathematical Physics, Hon	—	10–11	—	10–11	—	10–11
Geology	Hours to be arranged.					
Geology (Practical) ...	—	—	—	—	—	11–1
Materials and Structures	11–12	—	11–12	—	11–12	—
Constructional Engineering	—	11–12	—	11–12	—	—
Drawing and Laboratory	12–2	12–2	12–2	12–2	12–2	—

FACULTY OF ENGINEERING—*continued.*

Subject.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Third Year (Electrical)—						
Mathematical Physics ...	9–10	—	9–10	—	—	9–10
Mathematical Physics, Hon	—	10–11	—	10–11	—	10–11
Materials and Structures	11–12	—	11–12	—	11–12	—
Electrical Engineering ...	—	10–11	—	10–11	9–10	—
Electrical Engineering, Practical.	3.30–5.30	—	3.30–5.30	—	—	—
Power Production ...	12–1	—	12–1	—	12–1	—

In addition to the hours specified, students are expected to work in the Drawing Room during their spare time. It is open daily from 10 to 6, except Saturdays, 10 to 3.

FACULTY OF COMMERCE.

Subject.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
First Year :						
Economics and Economic History.	—	11–12	11–12	—	—	11–12
Commercial Technique	—	10–11	—	10–11		—
Accounting ...	—	—	—	—	—	10–11
English	—	—	—	3–5	—	—
A Modern Language	Hours to be arranged.					
An Arts or Science Subject.	Same as for 1st Year's Arts or Science Course					
Second Year :						
Economics ...	9–10	—	—	—	9–10	—
Business Organization	Hours to be arranged.				—	1–2
Office Organization	Hours to be arranged.				—	1–2
Accounting ...	—	9–10	—	9–10	—	—
Economic Geography	Hours to be arranged.					
Arts or Science Subjects	Hours to be arranged.					

FACULTY OF COMMERCE—*continued.*

Subject.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Third Year :						
Economics ...	9–10	—	—	9–10	—	—
Descriptive Economics	—	10–11	—	—	10–11	—
Banking and Currency	—	10–11	—	—	10–11	—
Accounting ...	—	—	9–10	—	—	9–10
Industrial and Commercial Law.	Hours	to be	arran	ged.		
*A Modern Language	Same	as for	3rd	Year's	Arts C	ourse.
An Arts or Science Subject.	Same	as for	3rd	Year's	Arts	or
			Scien	ce Cou	rse.	

FEES.

I.—THE COLLEGE FEE.

1. The Ordinary College Fee is £2 for a man-student, and £1 for a woman-student.

2. The College fee is ten shillings (*a*) for a National Teacher who takes out only the one-term or Saturday Courses leading to the Diploma in Education, and (*b*) for a student who takes out only the Courses leading to the Diploma in Irish Studies.

3. The College Fee is Five Shillings,

(*a*) for a student who takes out **only** one Course of Lectures, and who does not take out this Course for any University Examination ;

(*b*) for a Medical Student who in the fifth year takes out only the one-term Courses leading to the Final Medical Examination ;

(*c*) for a student who takes out the D.P.H. or Ph.D. Courses ; or

(*d*) for a former student who does not take out any Course of Lectures, but desires to present himself for a University Examination in this College.

(*e*) for a student who takes out the Connacht College Course.

4. A student who has not paid the College Fee and the Fees for Courses within a week of the day appointed for the first lecture on any Course to be attended by him for the Session will be required to pay a Late Fee of Ten Shillings in addition to the College Fee.

5. The Ordinary College Fee of £1 includes the membership fees of the Literary and Debating Society, the Gaelic Society, and the Athletic Clubs.

6. The Ordinary College Fee of £2 includes the membership fees of the College Union, and of the foregoing Societies and Clubs.

II.—THE FEES FOR COURSES

(I)—Fees for First Attendance at University Courses for Undergraduates.

FACULTY OF ARTS.

Year.	Courses.	Fees.	
1st	1. Botany (Lectures and Practical).	£2 for Pass or Honours Course.	£3
	2. Zoology (Lectures and Practical).	£2 do.	£3
	3. Chemistry (Lectures) ...	£2 do.	
	3. Chemistry (Practical) ...	£3 do.	
	4. English	£2 do.	
	5. Ex. Physics (Lectures)	£2 do.	
	5. Ex. Physics (Practical)	£2 do.	
	6. French	£2 do	
	7. German	£2 do.	
	8. Greek	£2 do.	
	9. History	£2 do.	
	10. Irish	£2 do.	
	11. Italian	£2 do	
	12. Latin	£2 do	
	13. Logic	£2 do.	
	14. Mathematical Physics	£2 do.	
	15. Mathematics ...	£2 do	
	16. Physical Geography ...	£1 10*s.* do.	
	17. Spanish	£2 do	
	18. Economics	£1 for Pass; £2 for Honours Course.	

FACULTY OF ARTS—*continued*

YEAR.	COURSES.	FEES.
2nd	1. Celtic Archæology ...	£1 10*s.* for Pass or Honours Course.
	2. Education	£2 for Pass Course.
	3. English	£2 for Pass or Honours Course.
	4. French	£2 do.
	5. German	£2 do
	6. Greek	£2 do.
	7. Irish	£2 do.
	8. Italian	£2 do.
	9. Latin	£2 do.
	10. Logic and Psychology	£2 do.
	11. Mathematical Physics...	£2 do
	12. Mathematics ...	£2 do.
	13. Modern History ...	£2 do
	14. Political Economy or Economic History.	£1 for Pass; £2 for Honours Course
	15. Politics	£1 for Pass or Honours Course
	16. Jurisprudence or Roman Law.	£1 do.
	17. Law of Property or Equity.	£1 do.
	18. Spanish	£2 do.
3rd	1. Celtic Archæology ...	£1 10*s.* for Pass or Honours Course.
	2. Education	£2 for Pass Course.
	3. English	£2 for Pass; £3 for Honours Course
	4. French	£2 do. £3 do
	5 German ...	£2 do. £3 do.

FACULTY OF ARTS—*continued.*

Year.	Courses.	Fees.
3rd	6. Greek	£2 for Pass; £3 for Honours Course.
	7. Irish	£2 do. £3 do
	8. Italian	£2 do. £3 do
	9. Latin	£2 do. £3 do
	10. Metaphysics	£1 do. £1 do.
	10. Ethics	£1 do. £2; £1 do.
	10. Politics	£1 do. £1 do.
	11. Mathematical Physics...	£2 do. £3 do.
	12. Mathematics ...	£2 do. £3 do.
	13. Modern History ...	£2 do £3 do.
	14. Political Economy or Economic History.	£1 do. £2 do.
	15. Jurisprudence or Roman Law.	£1 do. £1 do.
	16. Law of Property or Equity.	£1 do. £1 do.
	17. Spanish	£2 do. £2 do.

DIPLOMA IN EDUCATION COURSES.

1. The Higher Diploma in Education Course.	£5.
2. Three-Term Courses for the Diploma in Education :—	
Education ...	£2.
Other Courses ...	The same fee as for the corresponding First Arts Course.
3 One-Term Courses for the Diploma in Education :—	
Education ...	£2.
Other Courses ...	£1.

DIPLOMA IN IRISH STUDIES COURSE.

YEAR.	COURSES.	FEES.
1st	Irish	£2
	Irish Archæology ...	£1 10*s.*
2nd	Irish	£2
	The teaching of other subjects through the medium of Irish	£2

FACULTY OF SCIENCE.

YEAR.	COURSES (*Not for University Examinations in Agriculture*).	FEES.	
1st	1. Mathematics ...	£2	for Pass or Honours Course
	2 Mathematical Physics	£2	do.
	3. Ex. Physics (Lectures)	£2	do.
	3. Ex Physics (Practical)	£2	do.
	4. Chemistry (Lectures)	£2	do.
	4. Chemistry (Practical)	£2	do.
	5. Botany (Lectures and Practical).	£2	do. } £3
	6. Zoology (Lectures and Practical).	£2	do. }
	7. Logic	£2	do.
	8. Irish, English, French, German, Italian, Latin, Greek, or Spanish.	£2	do.
	9. Physical Geography ...	£1 10*s.*	do.

FACULTY OF SCIENCE—*continued*.

Year.	Courses (*Not for University Examinations in Agriculture*).	Fees.
2nd	1. Mathematics ...	£2 for Pass or Honours Course.
	2. Mathematical Physics...	£2 do.
	3. Ex. Physics (Lectures)	£2 do.
	3. Ex. Physics (Practical)	£2 do.
	4. Chemistry (Lectures)	£2 do.
	4. Chemistry (Practical)	£2 do.
	5. Zoology (Lectures and Practical).	£2 do.
	6. Botany (Lectures and Practical).	£2 do.
	7. Geology and Mineralogy (Lectures and Practical)	£2 do.
	8. Anatomy and Anthropology (Lectures).	£2 do.
	8. Anatomy and Anthropology (Practical).	£2 do.
	9. Physiology (Lectures)	£2 do.
	9. Physiology (Practical)	£2 do.
	10. Electrical Engineering (Lectures).	£2 for Pass ; £2 for Honours Course } £3
	10. Electrical Engineering (Practical).	£2 do. £2 do.
	11. Pathology and Bacteriology (Lectures).	£2 do. £2 do.
	11. Pathology and Bacteriology (Practical).	£1 10*s.* do. £1 10s. do.
3rd	1. Mathematics ...	£2 for Pass ; £3 for Honours Course.
	2. Mathematical Physics...	£2 do. £3 do.
	3. Ex. Physics (Lectures)	£2 do. £3 do.
	3. Ex. Physics (Practical)	£3 do. £3 do.

FACULTY OF SCIENCE—*continued.*

Year.	Courses (*Not for University Examinations in Agriculture*).	Fees.
3rd	4. Chemistry (Lectures)	£2 for Pass; £3 for Honours Course.
	4. Chemistry (Practical)	£2 do. £3 do.
	5. Zoology (Lectures and Practical).	£2 do. £3 do.
	6. Botany (Lectures and Practical).	£2 do. £3 do.
	7. Geology and Mineralogy (Lectures and Practical).	£2 do. £3 do.
	8. Anatomy and Anthropology (Lectures).	£2 do. £3 do
	8. Anatomy and Anthropology (Practical).	£2 do. £3 do.
	9. Physiology (Lectures)	£2 do. £3 do.
	9. Physiology (Practical)	£2 do. £3 do.
	10. Electrical Engineering (Lectures).	£2 do £2 do.
	10. Electrical Engineering (Practical).	£2 do. £2 do.
	11. Pathology and Bacteriology (Lectures).	£2 do. £3 do.
	11. Pathology and Bacteriology (Practical).	£3 do. £3 do.

Year.	Courses (*For University Examinations in Agriculture*).	Fees.
1st	1. Mathematics ...	£1
	2. Mechanics	£1
	3. Ex. Physics (Lectures)	£1
	3. Ex. Physics (Practical)	£1

FACULTY OF SCIENCE—*continued.*

Year.	Courses (*For University Examinations in Agriculture*).	Fees.
	4. Chemistry (Lectures)	£1
	4. Chemistry (Practical)	£1
	5. Drawing	£1
	6. Logic, English, French, German, or Irish.	£1
2nd	1. Botany (Lectures and Practical).	£1
	2. Zoology (Lectures and Practical).	£1
	3. Organic Chemistry (Lectures).	£1
	3. Organic Chemistry (Practical).	£1
	4. Geology (Lectures and Practical).	£1
	5. Elementary Bacteriology (Lectures and Practical).	£1
	6. Farm Accountancy ...	£1

FACULTY OF MEDICINE.

	Courses.	Fees.
Pre-registration Year.	1. Ex. Physics (Lectures)	£2
	1. Ex. Physics (Practical)	£2
	2 Chemistry (Lectures)	£2
	2 Chemistry (Practical)	£2
	3. General Biology ...	£3
	4. Applied Biology ...	£1 10s.

FACULTY OF MEDICINE—*continued.*

YEAR.	COURSES.	FEES.
2nd	1. Applied Physics ...	£2 10s.
	2. Applied Chemistry ...	£2 10s.
	3. Anatomy (Lectures) ...	£2
	3. Anatomy (Practical) ...	£2
3rd	1. Anatomy (Lectures) ...	£2
	1. Anatomy (Practical) ...	£2
	2. Physiology (Lectures)	£2
	2. Physiology (Practical)	£2
	3. Hygiene	£1 10s.
	4. Medical Jurisprudence	£1 10s.
4th	1. Pathology (Lectures)	£2
	1. Pathology (Practical)	£1 10s.
	2. Materia Medica ...	£2
	3. Practical Pharmacy ...	£2
5th	1. Medicine	£2
	2. Surgery	£2
	3. Midwifery	£2

FACULTY OF MEDICINE—*continued.*

Year.	Course.	Fees.
6th	1. Ophthalmology and Otology.	£1
	2. Operative Surgery ...	£1
	3. Applied Anatomy ...	£1
	4. Pathology	£1
	5. Mental Diseases ...	£1
—	Clinical Instruction	£5 for Nine Months' Course. £4 for Six Months' Course. £2 for Three Months' Course.
—	Embryology	£4

D.P.H. COURSE.

	Bacteriology	£5
	Hygiene	£3 10*s.*
	Chemistry	£2
	Physics	£2
	Sanitary Engineering ...	£2

FACULTY OF ENGINEERING.

1st	1. Mathematics ...	£2
	2. Civil Engineering (Lectures).	£2
	2. Civil Engineering (Practical).	£2
	3. Ex. Physics (Lectures)	£2
	3. Ex. Physics (Practical)	£2
	4. Chemistry (Lectures) ...	£2
	4. Chemistry (Practical) ...	£2
	5. Mathematical Physics	£2
2nd	1. Mathematics ...	£2
	2. Mathematical Physics.	£2

FACULTY OF ENGINEERING—*continued*

Year.	Courses.	Fees.
2nd	3. Civil Engineering (Lectures).	£2
	3. Civil Engineering (Practical).	£3
	4. Electrical Engineering (Lectures).	£2 } £3
	4. Electrical Engineering (Practical).	£2 }
3rd (Civil)	1. Civil Engineering (Lectures)	£2
	1. Civil Engineering (Practical).	£3
	2. Geology (Lectures and Practical).	£2 for Pass, £3 for Honours Course.
	3. Mathematical Physics...	£2 for Pass, £3 for Honours Course.
	4. Mathematics ...	£1 for Pass or Honours Course.
3rd (Electrical)	1. Civil Engineering ...	£2
	2. Electrical Engineering :— Lectures	£2
	Practical	£2
	3. Mathematical Physics...	£2 for Pass, £3 for Honours Course.
	4. Mathematics ...	£1
	5. Prime Movers ...	£1 10*s.*

FACULTY OF LAW.

1st	1. Jurisprudence ...	£2 for Pass or Honours Course.
	2. English Law ...	£2 do.
2nd or 3rd	1. Roman Law ...	£2 do.
	2. English Law ...	£2 do.

FACULTY OF COMMERCE.

Certificate in Commerce Courses.	Fees.
For each Course	£2

Year.	Courses.	Fees.
1st	1. Economics and Economic History.	£2 for Pass or Honours Course.
	2. A Modern Language ...	£2 do.
	3. Commerce	£2 do.
	4. English	£2 do.
	5. A Science or an Arts subject.	The same as for the corresponding Course in the Faculty of Science or in the Faculty of Arts.
2nd	1. Economics	£1 for Pass or Honours Course.
	2. A Modern Language ...	£2 do.
	3. Business Organization, Office Organization, Accountancy ...	£2 do.
	4. Economic Geography ...	£1 do.
	5. A Science or an Arts subject.	The same as for the corresponding Course in the Faculty of Science and in the Faculty of Arts.
3rd	1. Economics	£1 for Pass or Honours Course.
	2. Commerce	£2 do.
	3. A Modern Language ...	£2 for Pass, £3 for Honours Course.
	4. Industrial and Commercial Law.	£1
	5. A Science or an Arts subject.	The same as for the corresponding Course in the Faculty of Science or in the Faculty

(2)—Fee for Re-attendance at any University Course for Undergraduates.

Half the fee for first attendance, saving vested rights.

(3)—Fee for every Attendance at a Post-Graduate Course,
£5.

(4)—Fees for Attendance at Non-University Courses authorized by the Governing Body.

YEAR.	COURSE.	FEES
—	1. Connacht College Course in Irish.	No Fee.

III.—LABORATORY FEES.

10/–: Experimental Physics (1st year), Applied Physics, Applied Chemistry and Applied Biology.

£1 : (*a*) Civil Engineering (2nd year).
(*b*) Electrical Engineering.

£1 10s. : (*a*) Botany. (*b*) Zoology.
(*c*) Practical Pharmacy.
(*d*) Chemistry for a first year's Engineering student.

£2 : (*a*) Anatomy for a first year's Medical student.
(*b*) Chemistry, except for a first year's Engineering student.
(*c*) Pathology.
(*d*) Civil Engineering (3rd year).
(*e*) Experimental Physics (except for 1st year).

£2 10s. : Geology.

£3 : (*a*) Anatomy, except for a first year's Medical student.
(*b*) Physiology.

University College, Galway.

1925-1926.

UNIVERSITY EXAMINATIONS PASSED,

DEGREES AND DIPLOMAS CONFERRED,

SCHOLARSHIPS, EXHIBITIONS AND PRIZES AWARDED,

LIST OF STUDENTS,

ONE TERM COURSES FOR NATIVE SPEAKERS OF IRISH.

DUBLIN:
PRINTED FOR THE GOVERNING BODY
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1926.

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The Diploma in Public Health.

PASS.

Foley, Edward S., M.B., B.Ch., B.A.O.

PASS IN PART I.

O'Hanlon, Winifred M., M.B., B.Ch., B.A.O.

SUMMER, 1925.

EXAMINATIONS IN THE FACULTY OF ARTS.

First University Examination in Arts.

FIRST CLASS HONOURS.

Irish.

Heavey, Margaret M. | Gilgan, Emily C.
Concannon, Patrick | Cryan, Michael J.
Gallagher, Patrick

FIRST CLASS HONOURS.

Latin.

Heavey, Margaret M.

Greek.

Heavey, Margaret M. | Gallagher, Patrick

English.

Heavey, Margaret M. | Cryan, Michael J.

Mathematics.

Heavey, Margaret M. | Walsh, John J. A.

Logic.

Walsh, John J. A.

SECOND CLASS HONOURS.

Latin.

Walsh, John J. A. | Gallagher, Patrick

Irish.

Staunton, Ethel C. | Doyle, Margaret M.
Walsh, John J. A.

French.

Gilgan, Emily C. | Staunton, Ethel C.

SUMMER, 1925.

First University Examination in Arts.

English.

Walsh, John J. A.

History.

Concannon, Patrick
Donnellan, Mary
McCoy, Sarah M. M
Leahy, Thomas W
Gallagher, Bridget
McPhillips, Mary
Lee, Bridget

PHYSICAL GEOGRAPHY.

McCoy, Sarah M. M.
Leahy, Thomas W.

Economics.

O'Driscoll, Kathleen M.

PASS.

Barrett, Bridget A.
Barrett, Richard C.
Concannon, Patrick
Cryan, Michael J.
Dillon, Michael R.
Diskin, Michael G.
Donegan, Catherine M.
Donnellan, Mary
Doyle, Margaret
Gallagher, Bridget
Gallagher, Patrick
Gardiner, John
Gilgan, Emily C.
Heavey, Margaret M.
Joyce, Frederick N.
Leahy, Thomas W.
Lee, Bridget
McCarthy, Mary
McCoy, Sarah M. M.
McPhillips, Mary
O'Driscoll, Kathleen M.
O'Leary, Mary B.
Price, Kate
Staunton, Ethel C.
Walsh, John J. A.

The Diploma in Education.

PASS.

Carroll, James M.
Carroll, Martin
Casserley, Margaret M.
Crowe, Martin
Feeley, Delia J.
Finnegan, Kate
Flynn, Nora
Heraty, Mary
Hession, Stephen
Lovett, Thomas
McNicholas, Thomas J.
Mannion, William
Moran, Ellen
Morrisey, Brigid A.
Murphy, Mary J.
O'Dwyer, Catherine
O'Maille, Peter
O'Malley, Peter H.
O'Sullivan, William
Timoney, John J.
Slamen, Mary
Solan, Mary

SUMMER, 1925.

Preliminary Examination for the Diploma in Irish Studies.

PASS.

Carroll, James M.
Carroll, Martin
Heraty, Mary
Moran, Ellen
Morrisey, Brigid A.
Murphy, Mary J.
O'Dwyer, Catherine
O'Maille, Peter
O'Malley, Peter H.
Timoney, John J.
Solan, Mary

Exempt from further examination in Celtic Archaeology:

Flynn, Nora
Hession, Stephen

Exempt from further examination in Irish:

Griffin, Delia
Lovett, Thomas

The Examination for the Diploma in Irish Studies.

PASS.

Finnegan, John, Dip. in Ed.
Killoran, Owen, B.A.
Mullowney, Jas., Dip. in Ed.
Ruttledge, Katie, Dip. in Ed.

B.A. Degree Examination.

PASS IN SUBSIDIARY SUBJECTS.

Carpenter Isaac J. (English)
Clancy, Mary G. (History)
Gonley, Rose M. (Economics)
Harvey, Susan (Economics)
Griffin, Denis (Irish)
McCormack Mary E. (English)
Muldowney, Martin (Latin)
Philbin, Margaret M. (Mathematics)
Ruane, Eileen A. (Economics)

SUMMER, 1925.

The Higher Diploma in Education.

FIRST CLASS HONOURS.

Greaney, Rev. Peter, B.A.

SECOND CLASS HONOURS.

Thompson, Anna M., B.Comm.

PASS.

Geraghty, Ellen K., B.A.
Greaney, Rev. Peter, B.A.
Hall, Thomas W., B.Sc.
Thompson Anna M., B.Comm.

EXAMINATIONS IN THE FACULTY OF COMMERCE.

The First University Examination in Commerce.

FIRST CLASS HONOURS.

Irish.

O'Connor, Gerald H.
Concannon, Patrick
Killeen, Anthony K.
Cryan, Michael J.
Gilgan, Emily C.

English.

Killeen, Anthony K.
O'Connor, Gerald H.
Cryan, Michael J.

French.

McNamara, Annie T.

Physical Geography.

Kirby, John D.

Mathematics.

Killeen, Anthony K.

SUMMER, 1925.

First University Examination in Commerce.—Con

SECOND CLASS HONOURS.

Irish.

McNamara, Annie T.
Staunton, Ethel C.
Gillespie, Winifred
Doyle, Margaret M.

French.

Gilgan, Emily C.
Staunton, Ethel C.

History.

Concannon, Patrick
Leahy, Thomas W.
Mahon, Margaretta

Physical Geography.

Wynne, Lizzie
McCoy, Sarah M. M.

Commercial Technique.

Cahalan, Catherine A.
O'Connor, Gerald H.
Gilgan, Emily C.
Killeen, Anthony K.
Staunton, Ethel C.

Accounting.

O'Connor, Gerald H.
Killeen, Anthony K.
Staunton, Ethel C.
Cryan, Michael J.

PASS.

Cahalan, Catherine A.
Concannon, Patrick
Cryan, Michael J.
Doyle, Margaret M.
Fox, Elizabeth
Gardiner, John
Gilgan, Emily C.
Gillespie, Winifred
Killeen, Anthony K.
Kirby, John D.
Leahy, Thomas W.
McCoy, Sarah M. M.
McNamara, Annie T.
Mahon, Margaretta
O'Connor, Gerald H.
O'Driscoll, Kathleen M.
O'Leary, Johanna M.
O'Reilly, William H.
Reynolds, Margaret
Staunton, Ethel C.
Toole, Margaret
Wynne, Lizzie

SUMMER, 1925.

The B.Comm. Degree Examination.

SECOND CLASS HONOURS.

Garvin, John

PASS.

Garvin, John	Hughes, Lizzie
Gibbons, Catherine	Mullany, Margaret

PASS IN SUBSIDIARY SUBJECTS.

Barrett, Bridget A. ...	*Irish, French, Commercial Law and Commercial Geography.*
Carpenter, Isaac J. ...	*English, Mathematics, Commercial Law and Commercial Geography.*
Glynn, Mary J. ...	*Irish, History, Commercial Law and Commercial Geography.*
Gonley, Rose M. ...	*Irish, French, Commercial Law and Commercial Geography.*
Griffin, Denis ...	*Latin, English, Commercial Law and Commercial Geography.*
Harvey, Susan ...	*Irish, French, Commercial Law and Commercial Geography.*
Keon, Annie ...	*English, French, Commercial Law and Commercial Geography.*
Kerrigan, Mary K. ...	*Irish, German, Commercial Law and Commercial Geography.*
McCormack, Mary E.	*Irish, French, Commercial Law and Commercial Geography.*
McDermott, Catherine	*Irish, French, Commercial Law and Commercial Geography.*
Mescal, Michael ...	*Irish, English, Commercial Law and Commercial Geography.*
Mulhern, Mary K. ...	*Irish, French, Commercial Law and Commercial Geography.*
O'Connor, Lilian ...	*English, History, Commercial Law and Commercial Geography.*
Philbin, Margaret M.	*Mathematics, German, Commercial Law and Commercial Geography.*
Price, Kate	*Irish, English, Commercial Law and Commercial Geography.*
Roland, Teresa W. G.	*Irish, English, Commercial Law and Commercial Geography.*
Ruane, Eileen A. ...	*Irish, French, Commercial Law and Commercial Geography.*
Warner, George H. ...	*English, History, Commercial Law and Commercial Geography.*

SUMMER, 1925.

EXAMINATIONS IN THE FACULTY OF SCIENCE.

First University Examination in Science.

FIRST CLASS HONOURS.

Botany.

Gillan, Margaret.

SECOND CLASS HONOURS.

Latin.

Evans, William R.

Mathematics.

Evans, William R. | Gillan, Margaret

Experimental Physics.

Evans, William R. | Gillan, Margaret

PASS.

Evans, William R. | Gillan, Margaret

PASS IN ENGLISH.

Hawkins, William.

First University Examination in Agricultural Science.

SECOND CLASS HONOURS.

Burke, Ernest A.

PASS.

Burke, Ernest A.

PASS IN MATHEMATICS, EXPERIMENTAL PHYSICS, CHEMISTRY, DRAWING AND IRISH.

McNally, James.

SUMMER, 1925.

Second University Examination in Agricultural Science.

EXEMPT FROM FURTHER EXAMINATION IN BOTANY, BACTERIOLOGY GEOLOGY AND FARM ACCOUNTS.

Carroll, William.

The B.Sc. Degree (Ordinary) Examination.

PASS.

Donnellan, William C.
McKiernan, Bernard F. S.
O'Hara, John C. G.
Tracy, Michael P.

EXAMINATIONS IN THE FACULTY OF MEDICINE.

Pre-Registration Examination.

PASS.

Eraut, Linda M.

The First University Examination in Medicine.

FIRST CLASS HONOURS.

Botany and Zoology.
O'Leary, Nora

Applied Physics and Chemistry.
O'Dea, John F.

SECOND CLASS HONOURS.

Applied Physics.
O'Leary, Nora

Applied Biology.
O'Dea, John J.

SUMMER, 1925.

First University Examination in Medicine.—Con.

PASS.

Curran, Peter H.
Lavelle, Edward F., M.Sc.
Macdonald, Donald F.
O'Dea, John F.
O'Grady, Terence H.
O'Leary, Nora
Powell, Thomas P.

PASS IN BOTANY, ZOOLOGY AND APPLIED BIOLOGY.

Cunningham, Thomas J.
Molloy, Thomas E.
Toner, Francis C.

PASS IN BOTANY AND ZOOLOGY.

Curran, Edward C.

EXAMINATIONS IN THE FACULTY OF ENGINEERING.

The First University Examination in Engineering.

PASS.

Colgan, Francis G.
Kelly, John M.

The Second University Examination in Engineering.

SECOND CLASS HONOURS.

Finnegan, John T.

PASS.

Finnegan, John T.
Kelly, Anthony M.
Hughes, Peter

The B.E. Degree.

PASS.

Curley, John A.
Hanley, Percy J.
Holland, Francis P. J.

AUTUMN, 1925.

EXAMINATIONS IN THE FACULTY OF ARTS.

Preliminary Examination for the Diploma in Irish Studies.

PASS.

Feeley, Bridget
Finnegan, Kate
Gonley, Rose
Harvey, Susan
Kelly, William.
Lovett, James
Lovett, Thomas
Price Kate
Ruane, Eileen

The B.A. Degree Examination.

FIRST CLASS HONOURS.

Irish.

Thompson, Anna M.
Kilroy, Agnes M.
Campbell, Mary M. E.

English.

Betts, Eleanor A.
Campbell, Mary M. E.
Garvin, John
Kilroy, Agnes M.

SECOND CLASS HONOURS.

Latin.

Garvin, John

French.

Betts, Eleanor A.

German.

Thompson, Anna M.

PASS.

Betts, Eleanor A.
Brady, Mary F.
Campbell, Mary M. E.
Garvin, John
Kilroy, Agnes M.
Thompson, Anna M.
Warner, George H.

The Higher Diploma in Education.

SECOND CLASS HONOURS.

O'Brien, Jeremiah, B.A., Dip. in Ed.

PASS.

Glynn, Maria, B.Comm.
Lynskey, Mary B., B.A.
O'Brien, Jeremiah, B.A., Dip. in Ed.
Reilly Thomas, B.A., Dip. in Ed.
Walsh, John J., B.A., Dip. in Ed.

AUTUMN, 1925.

The M.A. Degree Examination.

SECOND CLASS HONOURS.

Maughan, John J., B.A. | Reilly, Thomas, B.A., Dip. in Ed.

PASS.

Maughan, John J., B.A. | Reilly, Thomas, B.A., Dip. in Ed.
Morrin, Teresa A., B.Comm. |

EXAMINATIONS IN THE FACULTY OF SCIENCE.

The First University Examination in Agricultural Science.

PASS.

McNally, James

The B.Sc. Degree Examination.

SECOND CLASS HONOURS.

Byrne, Patrick, B.E.

PASS.

Byrne, Patrick

The M.Sc. Degree Examination.

PASS.

Connolly, Gertrude, B.Sc.

AUTUMN, 1925.

EXAMINATIONS IN THE FACULTY OF LAW.

The First University Examination in Law.

FIRST CLASS HONOURS.
Walsh, John J. A.

SECOND CLASS HONOURS.
Gallagher, Patrick.

PASS.

Gallagher, Patrick | Walsh, John J. A.

The LL.B. Degree Examination.

FIRST CLASS HONOURS.
McDonagh, Patrick E., B.A., B.Comm.

PASS.
McDonagh, Patrick E., B.A., B.Comm.

EXAMINATIONS IN THE FACULTY OF COMMERCE.

The B.Comm. Degree.

FIRST CLASS HONOURS.
O'Leary, Mary B.

PASS.

Coyne, Aileen M. | McCarthy, Mary
Kerrigan, Mary K. | O'Leary, Mary B.

AUTUMN, 1925.

EXAMINATIONS IN THE FACULTY OF MEDICINE.

First University Examination in Medicine.

EXEMPT FROM FURTHER EXAMINATION IN APPLIED BIOLOGY.

Curran, Edward C.

The Third University Examination in Medicine.

SECOND CLASS HONOURS.

McGowan, William J.

PASS.

Gibbons, Patrick J.
Hennelly, Thomas J.
Kevany, Michael J.
Little, John P. J.
McGowan, William J.
Mullins, Patrick J.
O'Carroll, Thomas F.
O'Malley, Peter
Walsh, Mary J.

The M.B., B.Ch., B.A.O. Degrees Examination.

FIRST CLASS HONOURS.

O'Brien, Catherine M.

PASS.

Bodkin, Nicholas J.
Cooke, John J.
Gallagher, Charles
Glavey, John F.
Hannon, James
Hession, John E. I.
O'Reilly, Michael J.
Waldron, Daniel H.

PASS IN PART I. (MEDICINE AND PATHOLOGY) EXEMPT IN OPHTHALMOLOGY.

Kelly, Patrick J.

PASS IN PART II. (MIDWIFERY, SURGERY AND OPHTHALMOLOGY)

O'Sullivan, Florence.

The M.D. Degree.

PASS.

Fallon, Walter M.

AUTUMN, 1925.

EXAMINATIONS IN THE FACULTY OF ENGINEERING.

The First University Examination in Engineering.

PASS.

Gallagher, Francis L.

The Second University Examination in Engineering.

PASS.

Dalton, Michael P.
Greene, Patrick

The B.E. Degree.

SECOND CLASS HONOURS.

McMahon, Ernest W.

PASS.

Allen, Michael
Boyle, James
Donnellan, William C.
McKiernan, Bernard F. S.
McMahon, Ernest W.
O'Hara, John C. G.
Pelly, Thomas J.
Tracy, Michael P.

1925.

DEGREES CONFERRED.

In the following list :—

* Signifies First Class Honours.

† Signifies Second Class Honours.

Allen, Michael ...	... B.E., 1925
Anderson, Helen ...	... *M.B., B.CH., B.A.O., 1925.
Betts, Eleanor A.	... *B.A., 1925.
Bodkin, Nicholas J.	... M.B., B.CH., B.A.O., 1925.
Boyle, James M. ...	... B.E., 1925.
Byrne, Patrick ...	... †B.SC., 1925.
Campbell, Mary M. E.	... *B.A., 1925.
Connolly, Gertrude	... M.SC., 1925.
Connor, Michael ...	... B.AGR.SC., 1925.
Conroy, Patrick ...	... B.AGR.SC., 1925.
Cooke, John J. ...	... M.B., B.CH., B.A.O., 1925.
Coyne, Aileen, M.	... B.COMM., 1925.
Curley, John A. ...	... B.E., 1925.
Donegan, Thomas D.	... *M.B., B.CH., B.A.O., 1925.
Duignan, John J.	... M.B., B.CH., B.A.O., 1925.
Fallon, Walter M.	... M.D., 1925.
Foley, Bridget M.	... M.B., B.CH., B.A.O., 1925.
Gallagher, Charles	... M.B., B.CH., B.A.O., 1925.
Garvin, John ...	... *B.A., †B.COMM., 1925.
Gibbons, Catherine	... B.COMM., 1925.
Glavey, John F. ...	... M.B., B.CH., B.A.O., 1925.
Hanly, Percy J. ...	... B.E., 1925.
Harte, Martin J. ...	... M.B., B.CH., B.A.O., 1925.
Heneghan, Thomas F.	... M.A., 1922.
Hession, John E. I. E.	... M.B., B.CH., B.A.O., 1925.
Holland, Francis P. J.	... B.E., 1925.
Howley, John F. W.	... D.LITT., 1924.
Hughes, Lizzie ...	... B.COMM., 1925.
Kerrigan, Mary K.	... B.COMM., 1925.
Kilroy, Agnes M.	... *B.A., 1925.
McCarthy, Mary ...	... B.COMM.
MacDonagh, Patrick E.	... *LL.B., 1925.
McKiernan, Bernard F. S.	... B.SC., B.E., 1925.
McMahon, Ernest W.	... B.E., 1925
McNamara, John ...	... B.AGR.SC., 1924.
Maughan, John J.	... †M.A., 1925.
Mullany, Margaret	... B.COMM., 1925.
O'Brien, Catherine M.	... *M.B., B.CH., B.A.O., 1925.
O'Brien, John ...	... B.A., 1925.
O'Reilly, Thomas	... †M.A., AND H.DIP.ED., 1925.
O'Reilly, Michael J.	... M.B., B.CH., B.A.O., 1925.

O'Shea, John	...	M.B., B.CH., B.A.O., 1925.
Scott, James	...	B.AGR.SC., 1925.
Tobin, Thomas M.	...	M.B., B.CH., B.A.O., 1925.
Tracy, Michael P.	...	B.SC., B.E., 1925.
Waldron, Daniel H.	...	M.B., B.CH., B.A.O., 1925.
Warner, George H.	...	B.A.

DIPLOMAS CONFERRED.

(*a*) Matriculated Students.

Doyle, Honoria J.	...	D.P.H., 1925.
Foley, Edward S.	...	D.P.H., 1925.
Geraghty, Ellen K.	...	H. Dip. in Ed., 1925.
Glynn, Maria	...	H. Dip. in Ed., 1925.
Graney, Rev. Peter	...	*H. Dip. in Ed., 1925.
Killoran, Owen	...	Dip. in Jr. Studies, 1925
Lynskey, Mary B.	...	H. Dip. in Ed., 1925.
Murphy, Mary J.	...	Dip. in Ed., 1925.
O'Brien, Jeremiah	...	†H. Dip. in Ed., 1925.
O'Dwyer, Catherine	...	Dip. in Ed., 1925.
Thompson, Annie M.	...	†H. Dip. in Ed., 1925.
Walsh, John J.	...	H. Dip. in Ed., 1925.

(*b*) Non-Matriculated Students.

Carroll, James M.	...	Dip. in Ed., 1925.
Carroll, Martin	...	Dip. in Ed., 1925.
Casserley, Margaret M.	...	Dip. in Ed., 1925.
Crowe, Martin	...	Dip. in Ed., 1925.
Feeley, Delia J.	...	Dip. in Ed., 1925.
Finnegan, John	...	Dip. in Jr. Studies, 1925.
Flynn, Nora	...	Dip. in Ed., 1925.
Hall, Thomas W.	...	H. Dip. in Ed., 1925.
Heraty, Mary	...	Dip. in Ed., 1925.
Hession, Stephen	...	Dip. in Ed., 1925.
Lovett, Thomas	...	Dip. in Ed., 1925.
McNicholas, Thomas J.	...	Dip in Ed., 1925.
Mannion, William	...	Dip. in Ed., 1925.
Moran, Ellen	...	Dip. in Ed., 1925.
Morrissey, Brigid A.	...	Dip. in Ed., 1925.
Mullowney, James	...	Dip. in Jr. Studies, 1925.
O'Maille, Peter	...	Dip. in Ed., 1925.
O'Malley, Peter H.	...	Dip. in Ed., 1925.
O'Sullivan, William	...	Dip. in Ed., 1925.
Ruttledge, Katie	...	Dip. in Jr. Studies, 1925.
Slamen, Mary	...	Dip. in Ed., 1925.
Timoney, John J.	...	Dip. in Ed., 1925.

COLLEGE SCHOLARSHIPS.

SESSION 1925-26.

ORDINARY ENTRANCE SCHOLARSHIPS.

(1) Francis J. O'Flynn.
(2) Patrick Geraghty.
(3) John F. Mannion.
(4) Annie Gallery.
(5) Thomas J. Coogan.
(6) Aileen Naughton.
(7) Patrick J. Joyce.
(8) Mary McDonnell.
(9) Brigid Costello.
(10) James B. Kelly.
(11) Ellen M. Murphy.
(12) Mary Fox.

Faculty of Arts.

SECOND YEAR.

Margaret M. Heavey.
John J. A. Walsh.
Patrick Gallagher.
Michael J. Cryan.

THIRD YEAR.

Rose Gonley.
Geraldine Clancy.
Margaret Philbin.
Eileen Ruane.

Faculty of Science.

SECOND YEAR.

Margaret M. Gillan
Wm. R. Evans.
Ernest A. Burke

Faculty of Medicine.

SECOND YEAR.

Nora O'Leary.
John F. O'Dea.

FOURTH YEAR.

Wm. J. McGowan.

Faculty of Engineering.

THIRD YEAR.
John T. Finnegan.

Faculty of Commerce.

SECOND YEAR.
Anthony K. Killeen.

THIRD YEAR.
Annie Keon.

Post-Graduate Scholarships :

Faculty of Arts.	Faculty of Commerce.
Mary M. Campbell.	Mary B. O'Leary.

COLLEGE PRIZES.

Irish Language Prize, First Year — Francis J. O'Flynn.
Irish Language Prize, Second Year — Margaret M. Heavey.
Peel Prize in English Composition — Mary McDonnell.

The Blayney Exhibition (Science).

Carpenter, Isaac J.
(for Session 1924-25).

UNIVERSITY PRIZES.

Travelling Studentship in Pathology (offered by the National University of Ireland).

MacDermott, Edward N., B.Sc., M.B., B.Ch., B.A.O.

The Wheleton Gold Medal and Prize (for teachers attending Diploma in Education Classes in Irish, Education and Celtic Archaeology).

Gold Medal ... ... Timoney, Joseph.
Book Prize ... ... Carroll, Martin.

COUNTY COUNCIL SCHOLARSHIPS.

SESSION 1925-26.

GALWAY.

Patrick Geraghty.
John F. Mannion.
Aileen Naughton.

MAYO.

Mary McDonnell.
Bridget Fitzpatrick.
Michael J. Waldron.

SLIGO.

Bartholomew McCoy.
Patrick J. Savage.
James C. McDonagh.

LEITRIM.

Francis J. O'Flynn.
Mary A. O'Toole.

ROSCOMMON.

Mary Foxe.

CLARE.

Anne Gallery.

LIST OF STUDENTS FOR SESSION 1925-26.

Acton, Catherine
Aitken, Jane V.
Barrett, Bridget A.
Betts, Eleanor A.
Bodkin, Violet
Boyle, James M.
Burke, William J.
Brennan, Martin
Burke, John J.
Burke, John J.
Burke, Ernest A.
Burns, Joseph P.
Caffrey, John P.
Cahalan, Catherine A.
Campbell, Margaret M.
Cannon, John
Carpenter, Isaac J.
Carney, Bridget
Carney, Patrick
Carroll, Margaret
Casserly, Thomas
Cassidy, Anna M.
Clancy, Gerardine
Clancy, James
Cleary, Henry
Cleary, Patrick W.
Coighligh, Eamonn
Colgan, Francis G.
Commins, Mary, T.C.
Commins, Sister Nora
Commins, Ellen
Coogan, Thomas J.
Corbett, Gerald
Coyne, Aileen M.
Cryan, Michael J.
Cunnane, William
Cunningham, Thomas
Curran, Peter
Curran, Edward C.
Dalton, Michael P.
Dillon, Michael R.
Diskin, Michael G.
Donegan, Sister C.
Donegan, Conel G.
Donnellan, Rose
Donnellan, Annie
Donnellan, Mary
Donnellan, John F.
Donnelly, William
Doolan, Bridget
Doyle, Margaret M.
Duffy, Margaret M.
Egan, Delia M.
Egan, Bernard
Egan, Andrew P.
Eraut, Linda M.
Evans, William R.
Fahy, Joseph P.
Fahy, John
Fahy, Annie T.
Fahy, Edward J.
Feeney, Patrick J.
Finan, Michael J. M.
Fitzmaurice, Thomas
Fitzpatrick, Bridie
Finnegan, Edward J.
Finnegan, John T.
Foley, Mary K.
Forde, Margaret
Fox, Elizabeth
Gallagher, Francis L.
Gallagher, Patrick
Gallagher, Sister Bridget
Gallery, Annie
Galvin, Michael J.
Gardiner, John
Geraghty, Mary
Geraghty, Patrick
Gibbons, Catherine
Gibbons, Patrick J.
Gill, Ellen M.
Gill, James
Gillan, Margaret
Gilligan, Emily C.
Gillard, Mary
Gillespie, Winifred
Glynn, Mary J.
Glynn, Patrick
Glynn, Maura
Gonley, Rose
Gohery, Michael
Greene, Patrick

Greene, Francis M.
Griffin, Denis
Guinane, Denis
Hanahoe, Catherine
Harvey, Susan
Hawkins, William
Healy, Dorothy F.
Heaney, Thomas F.
Heaney, Mary C.
Heavey, Margaret M.
Heneghan, Delia
Hennelly, Thomas J.
Herbert, Mary
Higgins, Julia
Higgins, Nora
Hughes, Lizzie
Hughes, Peter
Judge, Helen B.
Joyce, Frederick N.
Keating, Thomas J.
Kelleher, Denis
Kelly, Anthony M.
Kelly, Patrick J.
Kelly, William
Kelly, John M.
Keon, Annie
Kilroy, Agnes M.
Killeen, Anthony K.
Kirby, John D.
Lamb, J.
Lavelle, Edward F.
Lawless, Thomas
Leahy, Thomas W.
Lee, Bridget
Lindsay, Annie
Little, John P. J.
Loughney, Annie
Lydon, Michael F.
Lynch, Mary
Madden, Eileen
Maguire, Thomas P.
Maher, Joseph
Mahon, Rita
Malone, J.
Mannion, John F.
McCarthy, Mary
McCoy, Marguerite
McCoy, Bartholomew
McCormack, Mary E.
McDermott, Bro. Senanus
McDermott, Catherine
McDonald, Donald
McDonald, Hector
McDonnell, James
McDonnell, Mary
McDonagh, James C.
McDonagh, Thomas W.
McEnroy, Margaret
McEntee, Bro. Leonard
McEvady, Margaret
McGoldrick, Bro. Micheal
McGowan, William J.
McGuinness, Annie J.
McLoughlin, Winifred M.
McHugh, Patrick A.
McHugh, Bridie
McHale, Alice
McNally, James
McNamara, Annie
McPhillips, Sister Mary
Mescal, Michael
Molloy, Maisie
Molloy, Patrick J.
Molloy, Thomas E.
Moloney, Mary M.
Moran, Matthew
Moran, James F.
Morrin, Martin
Muldowney, Bro. Gabriel
Mulhern, Mary K.
Mullany, Margaret
Murphy, Bridget
Naughton, Aileen
Naughton, Patrick
Naughton, Martin
Noonan, Teresa
O'Conail, Miceal
O'Connor, Christopher S.
O'Connor, Gerald H.
O'Connor, Richard M.
O'Dea, Dr. S.
O'Dea, John F.
O'Doherty, Nellie C.
O'Donnell, Michael J.
O'Donnell, Thomas
O'Driscoll, Kathleen
O'Flynn, Francis J.
O'Grady, Terence
O'Hora, Margaret
O'Keeffe, Annie

O'Leary, Mary B.
O'Leary, Nora
O'Leary, Johanna
O'Lenihan, Anthony
O'Malley, Peter
O Mocháin, Seán
O'Reilly, Thomas
O'Reilly, Wm. H.
O'Sullivan, Florence
O'Toole, Margaret
O'Toole, Maura
O'Toole, Mary
O'Toole, Michael
Philbin, Margaret M.
Powell, Thomas P.
Price, Katie
Purcell, Daniel, P.
Quinn, Bartholomew
Quinn, Cecelia
Quinn, Mary
Quinn, Francis P.
Regan, Nora
Reynolds, Margaret
Reynolds, Mary A.
Roland, Teresa W. G.
Ruane, Eileen A.
Rush, Katie
Ryan, Kitty
Ryan, Sister Anne
Savage, Patrick J.
Savage, William
Shee, Noel P.
Shee, John S.
Staunton, Ethel
Supple, Mary C.
Toner, Francis C.
Toolan, Bridget J.
Waldron, Michael G.
Waldron, Mary A.
Waldron, William
Walsh, Mary J.
Walsh, John J. A.
Warner, George H.
Whelan, Christopher G.
Whelan, Hilda M. J.
Wynne, Lizzie

ONE-TERM COURSES FOR NATIVE SPEAKERS OF IRISH.

With a view to enabling native speakers of Irish to become teachers of Irish under the Department of Agriculture and Technical Instruction and other Bodies, one-term Courses have been instituted. Some of these Courses lead to the Diploma in Irish Studies of the National University of Ireland. Native speakers of Irish attending these Courses are not required to pay any fees.

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Ollscoil na hÉireann.

THE NATIONAL UNIVERSITY OF IRELAND

Coláiste na h-Ollscoile, Gaillimh

University College, Galway.

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ALTERATIONS IN THE REGULATIONS FOR SCHOLARSHIPS AND EXHIBITIONS.

1. **Value of Scholarships.**

In the Session 1924-1925, and until further notice be given, the value of every undergraduate scholarship shall be £20, and the value of every post-graduate scholarship shall be £30.

2. **Irish as a Scholarship Subject.**

In the Session 1924-1925, and until further notice be given :—

(1) Irish, when not taken as a subject of a University or College Sessional Examination, may be taken as an additional subject for all scholarships of the second and higher years. The number of marks assigned to it shall be thirty per cent. of the lowest number of marks assigned to any other subject at the Examination for Scholarships. The Course for the second year's Scholarships shall be the Pass Course for the First University Examination in Arts, and the Course for Scholarships of the third and fourth years shall be the Honours Course for that Examination.

(2) When Irish is taken as a subject of a University or College Sessional Examination, the number of marks hitherto assigned to it shall be raised by 25 per cent.

3. **Exhibitions withdrawn.**

In the Session 1924-1925, and until further notice be given, no exhibition shall be awarded on the results of University Examinations.

4. Competitive Subjects for Ordinary Entrance Scholarships.

(1) SUBJECTS AND MARKS :

Applied Mathematics (150), Chemistry (150), Commerce (150), English (150), French (150), Geography (150), German (150), Greek (200), History (150), Irish (150), Italian (150), Latin (200), Mathematics (300), Physics (150).

A Candidate must take three, and only three, of these subjects. He must state on his Entrance Form the subjects he has decided to take.

(2) PROGRAMMES.

The programmes in all subjects for the Examination for Ordinary Entrance Scholarships shall be the programmes in such subjects for the Matriculation Examination of the National University of Ireland, except that the programme in Commerce for 1926 shall be the programme in that subject for the Leaving Certificate Examination, 1926, and that the programme in Mathematics shall be that set forth in the Regulations for Scholarships, pages 8 and 9.

5. Competitive Subjects for Entrance Scholarships in Agriculture.

(1) SUBJECTS AND MARKS :

Mathematics (30).

And two other subjects to be selected from the following list :—

Practical Agriculture (30), Chemistry (15) Commerce (15), English (15), French (15), Geography (15), German (15), Greek (20), History (15), Italian (15), Irish (15), Latin (20), Applied Mathematics (15), Physics (15).

A Candidate must state on his Entrance Form the two subjects he has decided to take.

(2) PROGRAMMES :

(a) The programmes in all subjects for the Examination for the Entrance Scholarship in Agriculture shall be the programmes in such subjects for the Matriculation Examination of the National University of Ireland, except that the programme in Commerce for 1926 shall be the programme in that subject for the Honours Leaving Certificate Examination, 1926, and that the programme in Practical Agriculture for 1926 shall be that set forth in the Regulations for Scholarships, pages 10 and 11.

6. College Scholarships for the Second Year.

For the Regulations (2) and (3) in Section 2, page 12, the following Regulations are established :—

(2) One Scholarship of £25 among Connacht students of the College who pass the First University Examination in Agricultural Science, and obtain Honours thereat.

(3) Three Scholarships of £25 among medical students of the College who pass the First University Examination in Medicine and obtain thereat Honours in at least two of the following subjects :—Applied Biology, Applied Chemistry, Applied Physics.

For Scholarship purposes, the marks in these three subjects only, shall be considered.

7. The "Dr. and Mrs. W. A. Browne" Scholarship.

The Examination for this Scholarship will be held in May. Intending candidates must give notice to the Registrar on or before 31st March.

The Examination will consist of a three hours' paper and an oral examination in each language, the paper to be in Composition, Literature and Texts.

The Scholarship will not be awarded unless the candidate who obtains the highest aggregate marks obtains at least about 66 per cent. in either French or German and at least about 45 per cent. in the other subjects.

The Scholarship will be paid in June.

The successful candidate is advised to use the Scholarship towards the defraying of his expenses during a period of residence in France or Germany for the purpose of improving his colloquial knowledge of French or German.

The Blayney Exhibition.

1. No student of Medical Science may take Anatomy and Physiology for the Examination for the Blayney Exhibition (Science) if more than three years have elapsed from the date of his Registration as a medical student.

No other student will be admitted to the Blayney Exhibition (Classics or Science) if more than three years have elapsed from the date of his matriculation.

2. The Examination will be held in May. Candidates therefor must enter with the Registrar on or before 31st March.

T 4259. 3, 3, 350. 3-26. A. T. & Co., Ltd.

COLLEGE SCHOLARSHIPS, EXHIBITIONS AND PRIZES.

General Regulations for College Scholarships, College Exhibitions and College Prizes.

1. By College Scholarships, College Exhibitions and College Prizes are to be understood Scholarships, Exhibitions and Prizes instituted by the Governing Body.

2. If the annual sum of not less than £1,500 provided by the County Councils of Connacht should not be placed at the disposal of the College, the offer of the Scholarships in Agriculture and of the College Exhibitions, will be withdrawn, and the values of the other College Scholarships will each be reduced by one-half.

3. (*a*) No student may compete for a Scholarship in any course substantially the same as, or included in, one in which he has already held a Scholarship or Prize in this College, or in any other Constituent College of the University, or in any other University; provided, however, that a student who has been awarded a Scholarship on the results of the First Science Examination in Botany, Zoology, Chemistry, Physics, and a language may compete for a Scholarship to be awarded on the results of the First University Examination in Medicine to be held or to be completed in the next year.

(*b*) No student can hold more than one College Scholarship; but this Regulation does not prevent a College Scholar from holding a County Council or a privately endowed Scholarship

4. (1) Candidates for an Entrance Scholarship must not at the time of the award thereof have obtained, by residence or examination, credit for any part of a course leading to a degree in the National or any other University.

(2) Candidates for Scholarships or Exhibitions of the second, third, fourth or fifth years must be of one, two, three or four years' Academic standing, respectively, and no more, in the Faculty in which they compete; provided, however (*a*) that a candidate for a Medical Scholarship of the second, third or fourth years may be of $1\frac{1}{2}$, $2\frac{1}{2}$ and $3\frac{1}{2}$ years' standing in the Faculty of Medicine, and (*b*) that if illness or other exceptional cause should prevent a student from completing an Academic year, the Academic Council may, upon the production of satisfactory evidence, disregard the uncompleted year in reckoning his standing.

5. (1) **Every candidate for an Entrance Scholarship must send the Registrar, on or before 31st May, an Entrance Form, duly filled up, together with the Examination Fee of five shillings. Every candidate for any other College Scholarship must send the Registrar, on or before 4th October, an Entrance Form duly filled up.**

N.B.—Entrance forms can be obtained on application o the Registrar.

(2) The acceptance by the Registrar of an Entrance form or an Examination fee is not to be regarded as an admission by the Governing Body that a candidate is qualified to compete for a Scholarship.

6. College Scholarships, College Exhibitions and College Prizes will be awarded in October, by the Standing Committee of the Governing Body, on the recommendation of the Academic Council.

7. The number of College Scholarships, College Exhibitions or College Prizes awarded on the results of any examination will not exceed the number offered in respect of such examination.

8. (1) College Exhibitions awarded on the results of a Degree Examination will be paid in October.

(2) College Exhibitions, other than those awarded on the results of a Degree Examination, College Prizes, and a half of each College Scholarship will be paid in October, to such successful candidates as have already paid the College fee in this College for the Session, and the fees for all the courses in this College necessary for the next University or College Sessional Examination. In the case of successful candidates who have not paid the necessary fees, a deduction will be made for that purpose.

(3) The Standing Committee of the Governing Body may, on the recommendation of the Academic Council, permit a successful candidate to hold a post-graduate Scholarship in another University, and pay him the full amount of his Scholarship without any reduction for fees.

9. (1) One-fourth of the College Scholarship will be paid to the scholar at the beginning of the Trinity term provided—

(*a*) that his general conduct has been satisfactory.

(*b*) that he has attended three-fourths of the lectures given in the first and second terms on each of the Courses for his University or College Sessional Examination, and

(*c*) that he has passed the Michaelmas and Hilary Term Examinations in each of these Courses.

(2) If the Academic Council be satisfied that the scholar could not, because of illness or other serious cause, have complied with conditions (*b*) and (*c*), the scholar will be paid this instalment of his Scholarship, these conditions notwithstanding.

10. One-fourth of the College Scholarship will be paid to the scholar at the end of the Trinity Term, provided—

(*a*) that his general conduct has been satisfactory ;

(*b*) that he has attended three-fourths of the lectures given in the Trinity Term on each of the Courses for his University or College Sessional Examination, and

(*c*) that the Academic Council, after having considered the report of the Professors and Lecturers concerned, is satisfied with his progress in study.

If the Academic Council be satisfied that the scholar, because of illness or other reasonable cause, could not have complied with condition (*b*), the third instalment of his Scholarship may nevertheless be paid to the scholar.

11. Every candidate for a College Scholarship will be required to sign on his entrance form an agreement that, should any question arise as to the interpretation of the foregoing or of the following Regulations for College Scholarships, College Exhibitions, or College Prizes, he will abide by the decision of the Academic Council, subject to the review of the said decision by the Governing Body.

Regulations regarding Entrance College Scholarships.

1. The general Regulations for College Scholarships apply to these Scholarships.

2. The Governing Body offers for competition twelve Ordinary Entrance Scholarships of £25 each, and one Entrance Scholarship in Agriculture of £25.

3. Ordinary Entrance Scholarships are tenable for the first year in any of the Faculties of the College. The Entrance Scholarship in Agriculture is tenable by a Connacht or Clare student who takes out in this College the Courses required for the First University Examination in Agricultural Science.

4. A candidate cannot compete both for an ordinary Entrance Scholarship and an Entrance Scholarship in Agriculture.

5. These Scholarships will be awarded on the results of an examination to be held in the end of June or in the beginning of July. The practical Examination in Practical Agriculture will be held on the Department's farm at Athenry, and the other Examinations will be held in the College Examination Hall.

6. An admission card and a time-table will be sent by the Registrar to each candidate for an Entrance Scholarship before the 22nd June.

7. A student may sit for the Examination for Entrance Scholarships, even though he has not passed the Matriculation Examination of the National University of Ireland, or any Examination accepted by that University in lieu thereof, **but a successful candidate for an Entrance Scholarship must send the Registrar**

of the College, on or before 12th October, a certificate signed by the Registrar of the National University of Ireland that he is a Matriculated student thereof.

8. **Qualifying Subjects for Ordinary and Agricultural Entrance Scholarships.**

(1) Irish (Oral Examination).

(2) An English Essay (Special attention will be paid to Grammar and Spelling).

9. **Competitive Subjects for Ordinary Entrance Scholarships.**

(1) SUBJECTS AND MARKS :

Applied Mathematics (150), Chemistry (150), Commercial Geography and Industrial History (150), English (150), French (150), German (150), Greek (200), History and Historical Geography (150), Irish (150), Italian (150), Latin (200), Mathematics (300), Physics (150).

A Candidate must take three, and only three, of these subjects. He cannot take both (a) History and Historical Geography, and (b) Commercial Geography and Industrial History. He must state on his Entrance form the subjects he has decided to take.

(2) PROGRAMMES :

The programmes in all subjects except Mathematics shall be the programmes in these subjects for the

Senior Grade Intermediate (Honours), or the National University of Ireland Matriculation Examinations.

The programme in Mathematics shall be :

Arithmetic—

Including Vulgar and Decimal Fractions, Proportion and its applications, Extraction of the Square and Cube Roots, Present Worth and Discount, Stocks and Shares, Simple and Compound Interest.

Algebra—

Including the Solution of Simple and Quadratic Equations, Progressions, Permutations, and Combinations, the Binomial Theorem for a positive Integral exponent, nature and use of Logarithms, Graphical methods, Representation of the simpler algebraic Functions by Curves, Problems.

Geometry—

The Subject-matter of Euclid's Elements, Bks. i.-vi. Deductions. Questions may be set which involve the elements of Geometrical Drawing. Candidates should provide themselves with a hard-pointed pencil, compasses, ruler graduated in centimetres and inches and tenths. Two small set-squares (45° and 60°) will be allowed, but are not indispensable.

Plane Trigonometry—

So far as to include the solution of Triangles. Problems. The use of the Logarithmic and Trigonometrical Tables.

10. Competitive Subjects for Entrance Scholarships in Agriculture.

(1) SUBJECTS AND MARKS :

Mathematics (30).

And two other subjects to be selected from the following list, except that a candidate cannot take (*a*) History and Historical Geography, and (*b*) Industrial History and Commercial Geography.

Practical Agriculture (30), Chemistry (15), English (15), French (15), German (15), Greek (20), History and Geography, or Industrial History and Commercial Geography (15), Italian (15), Irish (15), Latin (20), Applied Mathematics (15), Physics (15).

A Candidate must state on his Entrance form the two subjects he has decided to take.

(2) PROGRAMMES :

(*a*) The programme in *Mathematics* for the Examination for the Entrance College Scholarship in Agriculture shall be that prescribed for the Matriculation Examination.

(*b*) The programme in *Practical Agriculture* shall be :

The economic management of pasture land. (*a*) New pasture ; (*b*) Old pasture ; (*c*) Sour pasture. Seasonable preparation for, and management and cultivation of the several farm crops :— cereals, roots, potatoes, cabbage, catch-crops, &c., seeding, manuring and returns.

Grass seeds. Seed mixtures for the several kinds of leys, and for the chief types of soils. Identification of the principal grass and clover seeds. Vitality or germination, and purity of seeds. Advantages of pure

seed. The identification of the useful and useless plants found in pasture and meadow.

Chief types of Live Stock :—Cattle, sheep, horses, and pigs, met with at country fairs or markets.

Artificial and natural manures used by farmers in raising crops.

The Rural Dairy :—Management of Milk ; Butter-making in the home. The points in a good Dairy cow. Management and feeding during the milking period.

The Soil :—Effects brought about by soil operations such as ploughing, harrowing, grubbing, rolling, draining, &c., in regard to soil and crop. Some types of soils. The functions of water and air, of sand and clay, humus or organic matter in soils.

Management of sheep and pigs. Calf rearing. The advantage of keeping milk records and farm accounts. The storing and management of farmyard manure. Potato disease. Farm implements : their use and management.

(*c*) The programmes in *the other subjects* shall be those prescribed for the Examination for the Ordinary Entrance College Scholarships.

(3) The successful candidate for the Entrance Scholarship in Agriculture will not be permitted to hold his Scholarship unless he has passed the Department's Examination in Practical Agriculture.

(The Department of Agriculture will be prepared to admit a College Scholar in Agriculture as a working apprentice to the Agricultural Station, Athenry, for a Session.)

11. No Entrance Scholarship shall be awarded to any candidate whose answering has not reached the standard prescribed by the Academic Council.

N.B.—The attention of candidates for Entrance College Scholarships is specially directed to the Regulations regarding the Peel Prizes.

College Scholarships of the Second Year.

1. The general Regulations for College Scholarships apply to these Scholarships.

2. The following Scholarships are offered by the Governing Body :—

(1) Four Scholarships of £25 each among students of the College who pass the First University in Arts, and obtain thereat two First Class Honours, or one First Class and two Second Class Honours or four Second Class Honours.

(2) One Scholarship of £25 among Connacht students of the College who pass the First University Examination in Agricultural Science, and obtain thereat either two First Class Honours, or one First Class Honour and one Second Class Honour, or three Second Class Honours.

(3) Three Scholarships of £25 among medical students of the College who pass the First University Examination in Science, in Botany, Zoology, Chemistry, Physics, and a language, and obtain thereat Honours in at least two of the first four subjects.

(4) Two Scholarships of £25 each among non-medical and non-agricultural students of the College who pass the First University Examination in Science, and obtain thereat either two First Class Honours, or one First Class and one Second Class Honour, or three Second Class Honours.

(5) Two Scholarships of £25 each among students of the College who pass the First University Examination in Medicine, and obtain Honours in at least two subjects thereof.

(6) Three Scholarships of £25 each among students of the College who pass the First University Examination in Engineering, and obtain Honours thereat.

(7) One Scholarship of £25 among students of the College who pass the First University Examination in Commerce, and obtain thereat two First Class Honours, or one First Class Honour and two Second Class Honours, or four Second Class Honours.

SCHOLARSHIPS OF THE THIRD YEAR.

1. The general Regulations for College Scholarships apply to these Scholarships.

2. The following Scholarships are offered by the Governing Body :—

(1) Four Scholarships of £25 each among students of the College who (*a*) passed the First University Examination in Arts ; (*b*) attended in this College at least three Courses in Arts (two of the Courses being Honour Courses) ; and (*c*) pass the Sessional Examinations in two Honours Courses, and obtain in each of these two Courses the percentage of marks required at the Degree Examination for a First Class Honour.

(2) One Scholarship of £40 a year, tenable for two years, in the College of Science, Dublin, among Connacht or Clare Students of the College who pass the Second University Examination in Agricultural Science and obtain two First Class Honours or the equivalent thereof in subjects other than Elementary Bacteriology and Farm Accountancy.

The successful candidate for this Scholarship will not be permitted to hold the Scholarship until he has passed the Department's Examination in Practical Agriculture.

(3) Two Scholarships of £25 each among non-medical and non-agricultural students of Science, who (*a*) passed the First University Examination in Science ; (*b*) attended in this College two Courses in Science, one, at least, being an Honours Course ; and (*c*) pass the Sessional Examinations in these Courses, and obtain on an Honours Course the percentage of marks required at the Degree Examination for a First Class Honour. The marks obtained at the Sessional Examination in the other Course will be taken into account in awarding the Scholarships.

(4) One Scholarship of £25 among students of Science who pass the Second University Examination in Medicine in the College, and obtain Honours thereat.

(5) Two Scholarships of £25 each among students who pass the Second University Examination in Medicine in the College, and obtain Honours thereat.

(6) Three Scholarships of £25 each among students who pass the Second University Examination in Engineering in the College, and obtain Honours thereat.

(7) One Scholarship among students (*a*) who passed the First University Examination in Commerce ; (*b*) attended in the College the Courses prescribed for Second Year's Students of Commerce ; and (*c*) pass the Sessional Examination in each of these subjects, and obtain in (*a*) Economics, and (*b*) the Organization of Industry and Commerce, the percentage of marks required for First Class Honours at the Degree Examinations in these subjects.

3. (1) The Successful Candidate for the Scholarship in Agricultural Science will be required to pay the College fee in this College for each of the two years for which his Scholarship is tenable, and to take out in each of these years in the College of Science, Dublin, the Courses prescribed for students of his standing by the Authorities of that College.

(2) The Fourth Year's Scholarship in Agriculture will be contingent on the Scholar receiving a satisfactory report from the authorities of the College of Science, Dublin, with regard to general conduct and progress in study.

4. Students of Science who have been awarded Scholarships on the results of the Second University Examination in Medicine may take out either the Courses required for the B.Sc. Degree or those required for the Third University Examination in Medicine.

Scholarships of the Fourth or Fifth Year.

1. The general Regulations for College Scholarships apply to these Scholarships.

2. The Governing Body offers three Scholarships of £25 each for competition among students who pass the Third University Examination in Medicine in the College, and obtain Honours thereat.

Post-Graduate Scholarships.

1. The general Regulations for College Scholarships apply to these Scholarships.

2. The Governing Body offers four Scholarships of £40 each for competition among students of the College who pass the B.A., B.Sc., or B.Comm. Degree Examination.

3. To qualify for a Post-graduate Scholarship, a candidate must have obtained at the Degree Examination (*a*) two First Class Honours in Modern Languages, or in any other group in which separate Honours are awarded; or (*b*) a First Class Honour in a group in which separate Honours are not awarded.

Only one Post-graduate Scholarship will be awarded in groups of subjects which are wholly or partially the same.

4. A graduate who has been awarded a Post-graduate Scholarship will be required to take out a Course of Lectures leading to the M.A., M.Sc., M.Comm., or D.Litt Celtic Studies.

College Exhibitions.

1. The general Regulations for College Exhibitions apply to these Exhibitions.

2. A First Class Exhibition of £10 and a Second Class Exhibition of £5 may be awarded on the results of the following Examinations—

The First University Examination in Arts.
The Higher Diploma in Education Examination.
The Diploma in Education for National Teachers.
The First University Examination in Science (in non-Medical subjects).
The First University Examination in Law.
The LL.B. Degree Examination.
The First University Examination in Engineering.
The Second University Examination in Engineering.
The B.E. Degree Examination.
The First University Examination in Commerce.

3. To qualify for an Exhibition—

(1) Three First Class Honours or two First and two Second Class Honours will be required at the First University Examinations in Arts, Medicine and Commerce.

(2) Two First Class Honours, or one First and two Second Class Honours, will be required at the First University Examination in Science.

(3) First Class Honours will be required (*a*) at the Second, Third, and Final University Examinations in Medicine; (*b*) at each University Examination in Engineering; (*c*) at each University Examination in Law; and (*d*) at the Examination for the Higher Diploma in Education.

(4) The Examination for the Diploma in Education for National Teachers must be passed with special distinction.

4. Only one College Exhibition can be awarded to any candidate.

College Prizes.

1. The general Regulations for College Prizes apply to these Prizes.

2. The Governing Body may award a Prize of £7 10s. 0d. to the student who gets the highest marks in Irish at the Entrance College Scholarship Examination and a similar prize to the student who gets the highest marks in Irish at the First University Examinations.

3. The successful candidate for either of these Prizes must take out and attend Lectures in Irish in the College in the next Session.

PRIVATE FOUNDATION SCHOLARSHIPS, EXHIBITIONS, AND BURSARIES.

(i.) *The Blayney Exhibition.*

(*Founded by the late* LORD BLAYNEY.)

An Examination for one Exhibition, value about £30, in connection with the Blayney Bequest, is held in the month of December in each year, on the following conditions :—

1. No candidate is eligible if more than two and a half years have elapsed from the date of his Matriculation to the time of his examination. A student cannot hold for more than one year a Blayney Exhibition in Classics or a Blayney Exhibition in Science subjects.

2. The holder of the Exhibition must attend Honour Classes, and pass all Term Examinations, in this College, during the Session in which he shall have obtained the Exhibition.

3. The Governing Body retain the power of withholding, or of awarding only a portion of, the Exhibition.

4. The Blayney Exhibition may be held along with any Scholarship.

5. One-half of the Exhibition will be paid in January and one-half in the following month of July, provided the holder shall have satisfied the conditions stated above.

6. The Exhibition is awarded in alternate years for proficiency (1) in Greek, Latin, and one other language set forth in 9 ; and (2) in any two subjects for the B.Sc. Degree set forth in 9. The standard required is that of the Pass Degree.

7. Should no Candidate present himself, or should insufficient merit be shown, the Exhibition may be held over for one year and offered again in the following year in the same Course of Study.

8. The Examination will be held in December. Candidates must enter their names with the Registrar on or before 16th November.

9. The Courses for 1924, 1926, 1928, etc., will be the B.A. Pass Courses in the following subjects for the Session

1. Greek (1,200).
2. Latin (1,200).
3. French (1,000).
4. German (1,000).
5. Irish (1,000).
6. Italian (1,000).
7. English (1,000).

The Courses for 1925, 1927, 1929, etc., will be the B.Sc. Pass Courses in any two of the following subjects for the Session.

1. Mathematics (2,000).
2. Mathematical Physics (1,800).
3. Experimental Physics (1,200).
4. Chemistry (1,200).
5. Zoology (1,200)
6. Botany and Plant Physiology (1,200).
7. Geology and Mineralogy (1,200).
8. Anatomy and Anthropology (1,200).
9. Physiology (1,200).
10. Electrical Engineering (1,200).
11. Pathology and Bacteriology (1,200).

(ii.) *The "Dr. and Mrs. W. A. Browne" Scholarship.*

An Examination for a Scholarship of the yearly value of about £32, founded and endowed by Dr. W. A. Browne, on behalf of and in memory of his wife, Caroline Charlotte Browne, F.Z.S., is held early in the First Term of each year. **Intending Candidates must give notice to the Registrar on or before 16th November.**

The Scholarship is awarded for proficiency in the French and German languages, a competent colloquial knowledge of both languages being required.

It is open to any Matriculated Student of this College, who is a natural-born subject of His Majesty, if not more than two years have elapsed from the 1st January following his Matriculation.

The Scholarship shall be held for one Session only but the successful candidate, if otherwise qualified, may compete in succeeding Sessions, provided that no Student shall hold the Scholarship more than three times.

The Scholar, during the tenure of the Scholarship, must pursue Honour Courses in French and German Literature and pass all Term Examinations in this College.

The Scholarship may be held along with any other Scholarship.

One-half of the Scholarship will be paid in January, and one-half in the following July, provided the holder shall have satisfied the conditions stated above.

The Governing Body retains the power of withholding the whole or of awarding only a portion of the Scholarship, if sufficient merit be not shown. In case the whole or part of the Scholarship be not expended in any year, the Governing Body shall apply the money so accruing to the purpose of giving an additional Scholarship in the next or following years, in the same subjects and under the same regulations.

(iii.) *Peel Prizes.*

1. Two Prizes, value about £5 each, will be offered in each year for competition amongst candidates for Entrance Scholarships. One prize will be offered in Geometry, and the other in English Composition. Candidates for these Prizes must state on their Entrance forms for College Scholarships that they intend to compete therefor.

2. The Course for Examination in Geometry will be that of the Senior Grade (Honours) Intermediate Examination, *omitting* the analytical geometry of the straight line and circle. Proficiency in English Composition will be tested by an English Essay. Special attention will be paid to Grammar and Spelling.

3. Particulars with regard to the time, etc., of those Examinations will be sent in due time to each candidate for an Entrance College Scholarship. A Peel Prize will not be awarded unless the standard fixed by the Examiner therefor has been reached.

4. A Peel Prize will be paid only to a student of the College for the next Session, and the Peel Prize in Geometry will be paid only to a student who takes out a Course of Mathematics.

Royal Commission for the Exhibition of 1851.

(*a*) Senior Studentships.

General Regulations.

(1) The scheme of Senior Studentships is intended to give a few selected students of exceptional promise and proved capacity for original work the opportunity of devoting their whole time for a period of not less than two years to the prosecution of scientific research.

(2) The Studentships will, until further notice, be of the value of £400 per annum, except as provided in paragraph 14. Additional allowances may be granted in special cases in accordance with the terms of paragraphs 16 and 17.

(3) The Studentships will ordinarily be tenable for two years, but they may in exceptional circumstances be prolonged beyond that period.

(4) The Commissioners propose to make available for award five Studentships in each year, the actual number awarded to be at their discretion.

(5) Candidates will be recommended by Professors and Heads of Departments through the executive authorities of such Institutions as may be invited by the Commissioners to recommend for the awards. The recommendations will be considered by the Commissioners and the awards will be made by selection from among the candidates recommended.

(6) A candidate may be recommended through the executive authority of an Institution other than that at which he has graduated.

(7) Recommendations made on the prescribed forms must be received at the office of the Commissioners on or before May 1 in the year in which the Studentships are offered.

(8) A candidate must be a British subject.

(9) A candidate whose age exceeds thirty will be accepted only under very special circumstances.

(10) The Commissioners will require to receive particulars of the candidate's academic record and a published paper or a thesis embodying the results of his research work, together with a statement in support of his recommendation from the Professor or Head of the Laboratory under whom he has worked. In considering the claims of a candidate the Commissioners will attach importance to skill in original research as shown in his published papers or otherwise.

(11) The student will be required to devote himself to research in some branch of pure or applied Science, the particular nature of the work proposed to be approved by the Commissioners.

(12) A Studentship may be held at any Institution at home or abroad approved by the Commissioners.

(13) A student will be required to devote his whole time to the objects of the Studentship, and will not be permitted to undertake any work likely to conflict with this requirement. A limited amount of time, however, may, with the approval of the Commissioners, be spent in delivering an advanced course of lectures.

(14) A student will not be debarred from holding another position of emolument, but if at the date of his application he holds, or at a later date is appointed to such position he must notify the Commissioners, who may at their discretion modify the value of his Studentship.

(15) At the end of his first year's tenure of the Studentship a student will be required to report to the Commissioners as to the progress of his work. If the Commissioners are of opinion that the student has not made good use of his opportunities they may at their absolute discretion terminate the Studentship.

(16) At the expiration of his Studentship a student will be required to furnish a complete account of his work. If this is considered satisfactory the Commissioners may award the student an extra grant of £25.

(17) A student may, at the discretion of the Commissioners, receive an additional annual allowance, not exceeding £50, towards the cost of University fees, equipment and materials.

(18) The Studentship stipend will be payable quarterly in advance.

(*b*) Industrial Bursaries.

His Majesty's Commissioners of the Exhibition of 1851 have established a scheme of Industrial Bursaries for young men who, after a course of training in a University or approved Technical College, desire to enter Engineering, Chemical, or other manufacturing works.

The Bursaries are intended to enable suitable applicants to tide over the period between their leaving College and obtaining remunerative employment in industry.

The value of the Bursaries will depend on the circumstances of the Candidate, but will, as a rule, not exceed £150 a year.

A Bursar will be elected in the first instance for one year, but the tenure of his Bursary will ordinarily be prolonged for a second year, provided that the Commissioners are satisfied with the work done by the Bursar during his first year.

In special circumstances, a Bursary may be renewed for a third year.

The appointment to the Bursaries will be made by the Commissioners from among Candidates recommended by Universities and Technical Schools.

In dealing with these recommendations great weight will be given to evidence that a Candidate has the practical abilities likely to lead to his advancement in manufacturing work, academic success alone being an insufficient recommendation.

The Candidate must be a British subject under the age of 25.

The Candidate must have been a *bona-fide* student of Science for a term of three years.

The Candidate must further satisfy the Commissioners :—

(*a*) That he has obtained or can, within one month of election, obtain a post in some Engineering or other manufacturing works approved by them.

(*b*) That he is in need of pecuniary assistance to enable him to accept such a post.

A Bursar may, if the Commissioners approve, spend part of the tenure of his Bursary in studying a special industrial process or processes in works either at home or abroad.

No Bursar shall enter a firm as a premium pupil without the special consent of the Commissioners.

A Bursar must submit a report of his work to the Commissioners on the expiration of each year of his Bursary.

COUNTY COUNCIL SCHOLARSHIPS.

Almost all County Council Scholarships are tenable in this College. They are tenable for at least three years, and their annual value varies, from £48 to £60. For additional information students are referred to the Secretaries of County Councils.

UNIVERSITY PRIZES.

Students of this College may compete for the Prizes, Medals, Scholarships, and Studentships offered for competition by the National University of Ireland.

For information regarding these Prizes, etc., students are referred to the Registrar of the University.

THE ONE TERM COURSES FOR THE DIPLOMA IN EDUCATION (FOR NATIONAL TEACHERS).

1. Courses leading to the Diploma in Education may be held in the College during the Michaelmas Term.

2. Subject to approval by the Ministry of Education, the following are eligible for admission to these Courses :—

TRAINED NATIONAL TEACHERS.

(*a*) Who have been engaged as teachers for at least five years; and (*b*) have passed the First Examination in Arts of the R.U.I. or N.U.I., or shall have passed a special Entrance Examination to be held in the College at the end of June or the beginning of July, in three subjects from the following list :—English, French, German, Greek, History and Historical Geography, Irish, Latin, Mathematics, Natural Philosophy (Applied Mathematics), Chemistry, Physics, Botany, Physiology and Hygiene, Logic.

3. The programme in all subjects, except those hereinafter mentioned, shall be the programme prescribed for the Examination for the ordinary Entrance College Scholarships.

The programmes in Mathematics, Chemistry, Physics, Botany, and Physiology and Hygiene shall be, respectively, those prescribed for the Matriculation Examination.

N.B.—Copies of these programmes can be obtained on application to the Registrar, the National University of Ireland.

The programme in Logic shall be as follows :—

Meaning and Parts of Logic.

Terms. Classifying terms.

Propositions. Reducing Propositions to Logical Form.

Definition and Division.

The simple forms of Immediate Inference. Opposition and Conversion.

The Syllogism with its Moods and Figures. Testing Moods and framing Syllogisms.

Demonstrative, Conditional and Probable Arguments. Fallacies.

Induction. Observation, Hypothesis and Experiment.

(An elementary knowledge only of these subjects will be required, such as may be found in the " Palaestra Logica " or similar handbook.)

4. Every candidate for admission to these Courses must forward to the Registrar, on or before the 31st May, an entrance form duly filled up, together with an Examination Fee of Five Shillings.

(N.B.—Entrance forms can be obtained on application to the Registrar, University College, Galway).

5. The Examination for admission to these Courses will be held in the College in the end of June or in the beginning of July.

An admission card, a time-table and the rules for the Examination will be sent by the Registrar to each candidate before the 20th June.

6. The fees payable for admission to the Courses are (*a*) a College Fee of Ten Shillings; (*b*) a fee of £2 for the Course in Education; and (*c*) a fee of £1 for each of the two other prescribed Courses.

The other prescribed Courses are set forth in the "Regulations for Degrees and Courses" of this College. For these Courses, the Courses prescribed for the Preliminary Examination for the Diploma in Irish Studies may be taken.

THE DIPLOMA IN IRISH STUDIES.

(1) The Diploma in Irish Studies will be awarded to teachers or matriculated students who :—

(*a*) pass the prescribed entrance Examination in Irish.

(*b*) attend for one Session a prescribed Course of at least 100 hours, and pass the preliminary examination in Irish and Irish Archæology; and

(*c*) attend subsequently for a second session a further prescribed Course of at least 100 hours, and pass the final examination, in (*a*) Irish and (*b*) the teaching through the medium of Irish of two of the following subjects :—

1. History and Geography.
2. Latin or Greek,
3. French or German,
4. English,
5. Mathematics.

(2) ENTRANCE EXAMINATION IN IRISH.

This examination will be oral and written. The course for the written examination is the Course in Irish prescribed for the Matriculation or Senior Grade Intermediate Examination. The following are exempted from the written examination :—

(*a*) teachers who have passed in Irish at the King's Scholarship Examination, or who possess a certificate from a Gaelic Training College ; and

(*b*) Students who have passed in Irish at the Senior Grade Intermediate or Matriculation Examination.

(3) PRELIMINARY AND FINAL EXAMINATIONS.

The Courses leading to these Examinations are set forth in the " Regulations for Degrees and Courses " of this College.

(4) The fees payable for admission to the Courses are (*a*) a College fee of Ten Shillings (*b*) a fee of £1 for Irish Archæology, and (*c*) a fee of £2 for each other subject.

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UNIVERSITY COLLEGE, GALWAY.

ALTERATIONS FOR THE SESSION 1926-1927 IN THE REGULATIONS FOR DEGREES AND COURSES.

IRISH LANGUAGE AND LITERATURE.

First Year.

Honours.

Page 10, Section 3—

"Oide Cloinne Tuireann" to be eliminated.

"Mac Dató" to be an alternative text for

"Naoi nGádaid an Giolla Duib."

"Anam Páiste" (P. Ó Ó Conaire) to be substituted for

"Eochaid Mac Riog nEirinn" and "Iosagán."

Second and Third Years.

Honours.

Pages 10 and 11, Section 3—

"Leabar na Laoitead" to be substituted for

"Laoi Oisín ar Tír na nÓg."

"Tadhg Dall's Poems" (80 pages) to be substituted for "Duile Suibne"

"Pokorny: A Historical Reader of Old Irish" to be an alternative text for "Old Irish Treatise on Psalter, etc."

(c) (1) Regulations for **Scholarships** in University College, Galway; and (2) the One Term Courses for the **Diploma** in Education for National Teachers). Price 2d.; by post, 3d.

(2) The papers set for the University Examinations in University College, Galway, can be obtained from the Supervisor of University Examinations, University College, Galway. Price 1s.; by post, 1s. 8d.

(3) The Regulations for County Council Scholarships tenable in University College, Galway, can be obtained on application to the Secretaries of these Councils.

Forms of Admission to Examinations.

Forms of admission to Scholarship Examinations and to the Examination for the One Term Courses for the Diploma in Education, can be obtained on application to the Registrar, University College, Galway.

Forms of admission to Examinations for County Council Scholarships can be obtained on application to the Secretaries of the County Councils.

Forms of admission to the Matriculation Examination can be obtained from the Registrar, The National University of Ireland, Dublin.

Forms of admission to University Examinations can be obtained on application to the Supervisor of University Examinations, University College, Galway, or to the Registrar, The National University of Ireland, Dublin.

Certificates.

Certificates of attendance at lectures and practical classes, and at Clinical lectures in the Galway County Hospitals can be obtained on application to the Registrar, University College, Galway.

Coláiste na h-Iolscoile Gaillimh

Tiste Lóistín Ceadaiste do Macaib Léiginn an Coláiste.

Tiste a bfuil * rompa, tá Gaedilg ag fear nó bean an tige ionnta,

Gaillimh : Clod-teac Ui Gormáin.

Pages 48 and 49—

EARLY AND MEDIEVAL IRISH.

An Examination in the following texts :—

The Würzburg Glosses in the Thesaurus Palæohibernicus.

Táin Bó Cuailnge, or Irische Texte, Vol. I. (Selections).

Strachan's Selections from the Old Irish Glosses.

Dottin's Manuel du Vieil Irlandais.

Pokorny's Historical Irish Reader.

Acallamh na Senórach, or, Poems of Tadhg Dall (80 pages).

The Grammar of Early and Medieval Irish.

Comparative Grammar of Old Irish ; or, Irish Historical Grammar.

Irish Metrics ; Early Irish Literature.

MODERN IRISH.

An Examination in the following books :—

Keating's History, Vol. I.—Edited by Comyn.

Keating's History, Vols. II and III.—Edited by Dinneen.

Alasdair Mac Colla (Lloyd).

Pierce Fitzgerald's Poems.

Raftery's Poems (Hyde).

The Carolan collection of poems, Parts II., III. only (O Máille).

Hyde's Literary History of Ireland.

The speaking of Irish to be judged by an oral test.

An Essay in Irish, and translation into Irish.

Modern Irish Literature.

Page 51—

Preliminary Examination.

"Mac Dáto" to be an alternative text for "Naoi nGáidhedh an Ghiolla Dhuibh."

"Cnoc na nGadha Cuird a III," "An am Paiste (P. ós Ó Conaire)" and "Seilg i measg na nAlp (Breathnach)" to be substituted respectively for "Tir na nIongantas" "Iosagán" and "Lúb na Cailighe."

Page 52—

Final Examination.

"An Ghaoi Aniar" or alternative, and "Tadhg Dall's Poems" (80 pages), to be added to the list of texts.

"Pokorny: A Historical Reader of Old Irish" to be an alternative for "Strachan's Stories from the Tain."

"An equivalent amount of Irish Texte, Vol. I." to be an alternative for "Strachan's Selections from the Glosses."

GREEK.

Second and Third Years.

Pass.

Page 12, Section 2—

"Plato, Euthyphro, Apology and Crito" to be substituted for "Plato, Republic X" and "Demosthenes Leptines."

LATIN.

First Year.

Pass.

Page 13, Section 2—

Livy Book XXI to be substituted for Livy Book I.

Second and Third Years.

Pass.

Page 14, Section 2—

Minucius Felix, Octavius, to be substituted for Suetonius, Augustus.

ENGLISH LANGUAGE AND LITERATURE.

First Year.

Pass.

Page 14—

"Bradley: The Making of English," to be substituted for

"W. H. Law: The English Language."

Honours.

Page 15—"H. C. Wyld: The Growth of English" (2nd Ed.) to be added.

GERMAN.

Second and Third Years.

Honours.

Page 27, Section 1.

"Lessing: Hamburgische Dramaturgie" to be substituted for

"R. von Liliencron: Deutsches Lehen im Volkslied um 1530 (Kurschners Deutsche National-literatur)."

GEOLOGY.

Page 65.

This Course extends over two Sessions.

Page 66—The following to be added after the Pass Course:—

Honours.

A more detailed and extensive knowledge of the subjects of the Pass Course will be required.

THE FACULTY OF MEDICINE.

Page 90—

ANATOMY.

For the Course in the Regulations, the following is substituted :—

First Year.

A series of lectures and demonstrations are given in Osteology, Arthrology, Myology, Vertebrate Morphology, and the Topographical Anatomy of the limbs.

Practical.—Each student dissects an upper and lower limb under supervision, and makes a detailed study of the bones, ligaments, and joints.

Second Year.

A series of lectures and demonstrations are given dealing with the Anatomy of the Thorax, Abdomen, Head and Neck, Vertebrate Morphology, the Central Nervous System and Organs of Special Sense.

In the Summer term a course of three lectures a week is given in Human Embryology.

Practical.—Each student dissects the Thorax, Abdomen, Head, Neck and Brain, and studies serial sections of Embryos, Reconstruction Models and Foetuses of varying age.

The results of dissections are compared with the Surface Anatomy of the living model and the knowledge of the deeper parts obtained by auscultation and percussion.

(*d*) *Applied Anatomy*—A One Term Course, given in the fourth or fifth year, when Anatomy is reviewed from the standpoint of a student whose studies in Medicine and Surgery enable him to understand the references to the application of Anatomy in the treatment of disease. This course includes work in the Dissecting Room, the study of the Living Model, and X Ray work.

Page 91—

PHYSIOLOGY.

In addition to the Course set forth in the Regulations, a short Course in Applied Physiology is given in the fourth or fifth year.

Pages 91 and 92.

MATERIA MEDICA.

In addition to the Course set forth in the Regulations, the Pharmacological action of each drug is fully discussed, and its Therapeutic application in the treatment of disease is considered.

The concluding lectures are devoted entirely to "accessory" treatment, including :—

1. Diet.
2. Massage.
3. Baths and Spas.
4. Climatology.
5. Electrotherapeutics.

PRACTICAL PHARMACY.

In addition to the Course set forth in the Regulations, each student is required to make the more important Pharmacopoeal preparations, viz. :—

Cachets.
Powders.
Pills.
Mixtures.
Ointments.
Suppositories.
Blisters.

Pages 94 and 95.—

PRACTICE OF MEDICINE.

7. Instruction is given in the appropriate hospitals and wards on the following subjects :—

(i.) Children's Diseases.
(ii.) Acute Infectious Diseases ("Fevers").

(iii.) Tuberculosis.
(iv.) Diseases of the skin and venereal diseases.
(v.) Theory and Practice of Vaccination.

8. Instruction is given on Therapeutics and Prescribing, including Pharmacological and Physical Therapeutics and the Methods of Treatment by Vaccines and Sera.

Page 95—

SURGERY.

In addition to the Course set forth in the Regulations, a short course of instruction is given on the administration of Anaesthetics, Radiology, and Venereal Diseases.

Page 96—

OBSTETRICS AND GYNAECOLOGY.

The course of instruction comprises :—
(*a*) Systematic lectures in Principles and Practice of Obstetrics and Gynaecology.
(*b*) Demonstrations in Clinical Obstetrics and Gynaecology and attendance on In-patient, Gynaecological Practice.
(*c*) Lectures on Ante-natal Conditions and Infant Hygiene.

Page 96—

OPHTHALMOLOGY AND OTOLOGY.

In addition to the Course set forth in the Regulations, a course of lectures is also given on :—Use of Otoscope, Laryngoscope and Rhinoscope and the diseases of throat and nose.

Page 97 and 98—

HOSPITAL ATTENDANCE.

3. At least three consecutive months in both the fourth and fifth years as Clinical Clerk, and three consecutive months in both the fourth and fifth years

Coláiste na hOllscoile, Gaillimh.

UNIVERSITY COLLEGE, GALWAY.

Publications.

1. The following publications can be obtained from Messrs. Alex. Thom & Co., Crow Street, Dublin:—

(*a*) The Irish Universities Act.

(*b*) The Statutes of the National University of Ireland.

(*c*) The Calendar of the National University of Ireland.

(*d*) The Charter of University College, Galway.

(*e*) The Statutes of University College, Galway.

2. The Regulations and Courses for the Matriculation Examination can be obtained on application to the Registrar, The National University of Ireland, Dublin.

3. (*a*) The College Handbook; and

(*b*) The list of lodging-houses licensed for students of University College, Galway, can be obtained gratis and post free from the Registrar, University College, Galway.

4. The following publications can be obtained from Messrs. O'Gorman & Co., Galway:—

(*a*) The Calendar of University College, Galway. Price 1s.; by post, 1s. 2½d.

(*b*) (1) Regulations for Degrees and Courses; (2) the Time Table, and (3) the Fees of the University College, Galway. Price 6d., by post 8d.

(*c*) (1) Regulations for Scholarships in University College, Galway; and (2) the One Term Courses for the Diploma in Education (for National Teachers). Price 2d.; by post, 2½d.

5. The papers set for the University Examinations in University College, Galway, can be obtained from the Supervisor of University Examinations, University College, Galway. Price 1s.; by post, 1s. 8d.

6. The Regulations for County Council Scholarships tenable in University College, Galway, can be obtained on application to the Secretaries of these Councils.

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T.7493. 1000. 10. 1924. A. T. & Co. Ltd.

Coláiste na h-Iolscoile
Gaillimh

Tigte Lóistín Ceadaigte
do Macaib Léiginn
an Coláiste.

Tigte a bfuil * romhpa, tá Gaedilg ag
fear nó bean an tige ionnta,

Gaillimh : Clód-teac Uí Gormáin.

I.—Upper Salthill.

Roscommon House.
2 San Antonio Ter.
Irish Lodge.
Banba.
Bayview.
*Villa Maria.
*6 Sea View.
Woodmount
*Sunnyside.
Corrig View.
*Prospect.
Kilcorky.
Grove View.
Vale View.
Athlone Villa.
Glen View.
*Stella Maris.
*Green View.
Hawthorne Lodge.
Grattan House.

II.—Lower Salthill.

Renvoyle.
May Villa.
Woodside.
1 Norman Villas.
65 Lr. Salthill.
*69 Lr. Salthill.
70 Lr. Salthill.
1 St. Brigids' Place.
Hillside.
Kilcorky.
Ashmount.
84 Lr. Salthill.
Central House.
Spring Lodge.
1 St. Joseph's Ter.
10 Lr. Salthill.
11 Lr. Salthill.
12 Lr. Salthill.

III.—Taylors' Hill to Dominick Street (exclusive)

Shamrock Cottage, Taylor's Hill.
*14 Palmyra Park.
12 Palmyra Park.
*11 Palmyra Park.
9 Palmyra Park.
*7 Palmyra Park.
6 Palmyra Park.
3 Palmyra Park.
16 Palmyra Park.
5 Devon Place.
9 Montpelier Ter.
5 Montpelier Ter.
3 Ely Place.
1 Ely Place.
1 Sea Road.
2 Sea Road.

IV.—South Park to Dominick Street (inclusive)

8 South Park.
6 South Park.
5 South Park.
3 South Park.
Churchville,
Middle Street.
10 Dominick St.
Bridge Hotel,
Dominick St.

V.—Shantalla to Nuns' Island (inclusive).

Shantalla House.
1 Fort Eyre
Shantalla
2 Fort Eyre,
Shantalla.
4 Kirwan's Avenue.
1 Kirwan's Avenue.
Mrs. Donegan's
Henry Street.
4 Nuns' Island.
5 Nuns' Island.
14 Nun's Island.
15 Nuns' Island.
16 Nuns' Island.
4 Newcastle Road.
Mrs. Lally's,
Newcastle Road.
Newcastle House.

VI.—College Road to Abbeygate Street (inclusive).

Mrs. O'Reardon's
College Road.
Inisfail, College Rd.
10 Eyre Square E.
Bayview,
Prospect Hill.
Miss Paisley's,
Woodquay.
8 Woodquay.
2 St. Brendan's Ter.
*1 St. Brendan's Rd.
Woodquay House.
1 Newtown Smith.
3 Newtown Smith.
17 Mary Street.
15 Mary Street.
7 Abbeygate St.