

*Parts taken out of pages*

THE

CALENDAR

OF

University College, Toronto,

FOR

M.DCCC.LXIV.—M.DCCC.LXV.



TORONTO:

HENRY ROWSELL,

BOOKSELLER, STATIONER, AND PRINTER TO THE COLLEGE.

1864.

96



CORPORATION OF UNIVERSITY COLLEGE,

1864.

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THE REV. THE PRESIDENT,  
REV. PROFESSOR BEAVEN,  
PROFESSOR CROFT,  
PROFESSOR BUCKLAND,  
PROFESSOR CHERRIMAN,  
PROFESSOR WILSON,  
REV. PROFESSOR HINCKS,  
PROFESSOR CHAPMAN,  
PROFESSOR FORNERI,  
PROFESSOR KINGSTON.

**SEPTEMBER.**

S.	M.	T.	W.	Th.	F.	Sa.
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

20. University Examinations of Matriculants in Law, Medicine, Arts, Civil Engineering, and Agriculture begin.

**OCTOBER.**

S.	M.	T.	W.	Th.	F.	Sa.
						1
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9	10	11	12	13	14	15
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23	24	25	26	27	28	29
30	31					

3. MICHAELMAS TERM and Lectures begin.  
4. Meeting of Council  
28. COLLEGE CONVOCATION.

**NOVEMBER.**

S.	M.	T.	W.	Th.	F.	Sa.
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

1. Meeting of Council.

**DECEMBER.**

S.	M.	T.	W.	Th.	F.	Sa.
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

6. Meeting of Council.  
9. College Terminal Examinations begin.  
22. MICHAELMAS TERM ends.  
20. Library and Museum closed.

**JANUARY.**

S.	M.	T.	W.	Th.	F.	Sa.
1	2	3	4	5	6	7
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22	23	24	25	26	27	28
29	30	31				

2. Library and Museum closed.  
4. EASTER TERM and Lectures begin.  
10. Meeting of Council.

**FEBRUARY.**

S.	M.	T.	W.	Th.	F.	Sa.
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28				

7. Meeting of Council.

### MARCH.

S.	M.	T.	W.	Th.	F.	Sa.
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12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

1. No Lectures.  
7. Meeting of Council.

### APRIL.

S.	M.	T.	W.	Th.	F.	Sa.
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9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

4. Meeting of Council.  
3. University Examinations of Students in Medicine begin.  
14. No Lectures.  
19. Coll. Terminal Examinations begin.

### MAY.

S.	M.	T.	W.	Th.	F.	Sa.
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

4. Meeting of Council.  
9. University Examinations of Students in Law, Arts, Civil Engineering, and Agriculture begin.  
18. Easter Term ends.

### JUNE.

S.	M.	T.	W.	Th.	F.	Sa.
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

8. UNIVERSITY COMMENCEMENT.

### JULY.

S.	M.	T.	W.	Th.	F.	Sa.
						1
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9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

- 1st to August 21st. Library and Museum closed during a part of each day.

### AUGUST.

S.	M.	T.	W.	Th.	F.	Sa.
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

# LECTURES.

Lectures will be given during the Academic year 1864-1865, according to the subjoined Programme :

	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.
	<b>FIRST YEAR.</b>				
9.	French.	Elementary Nat. History.	French.	Elementary Nat. History.	*Evidences.
11.	†Classes.	†Classes.	†Classes.	†Classes.	†Classes.
12.	*Mathematics.	*Mathematics.	*Mathematics.	*Mathematics.	*Mathematics.
13.	(a) English, (b) History.	(a) English, (b) History.	(a) English, (b) History.	(a) English, (b) History.	*Elementary Nat. History.
1.	(a) Elementary Chemistry.	*French.	(a) Elementary Chemistry.	*French.	(a) Elementary Chemistry.
2.			Evidences.	Evidences.	
3.					
	<b>SECOND YEAR.</b>				
9.	*Metaphysics and Ethics.	Metaphysics and Ethics.	Metaphysics and Ethics.	French.	*German.
11.	German.	Experimental Chemistry.	Experimental Chemistry.	Experimental Chemistry.	Experimental Chemistry.
12.	†Classes.	†Classes.	†Classes.	†Classes.	†Classes.
13.	†Classes.	†Classes.	†Classes.	†Classes.	†Classes.
1.	Elementary Mineralogy and Geology.	(a) History, (b) English.	Elementary Mineralogy and Geology.	(a) History, (b) English.	*Elementary Mineralogy and Geology.
	<b>THIRD YEAR.</b>				
10.	Natural History.	Natural History.	Natural History.	Natural History.	Natural History.
11.	French.	Metaphysics and Ethics.	Metaphysics and Ethics.	French.	*Metaphysics and Ethics.
12.	†Classes.	†Classes.	†Classes.	†Classes.	†Classes.
1.	*Mathematics.	*Mathematics.	*Mathematics.	*Mathematics.	German.
3.	*Italian.	*Italian.	*Italian.	*Italian.	German.
4.	Applied Chemistry.	Applied Chemistry.	Applied Chemistry.	Applied Chemistry.	Rhetoric.
	<b>FOURTH YEAR.</b>				
9.	*Metaphysics and Ethics.	German.	*Natural History.	*Natural History.	*German.
10.	†Classes.	†Classes.	†Classes.	†Classes.	*Metaphysics and Ethics.
11.	†Classes.	†Classes.	†Classes.	†Classes.	*Natural History.
12.	Mineralogy and Geology.	Mineralogy and Geology.	Mineralogy and Geology.	Mineralogy and Geology.	Mineralogy and Geology.
1.	English (b) Prac. Chemistry.	(a) Organic Chemistry.	English, (b) Prac. Chemistry.	(a) Organic Chemistry.	(b) Analytical Chemistry.
3.	Mathematics.	*Mathematics.	*Mathematics.	*Mathematics.	(a) Meteorology.
4.	*Spanish.	*Italian.	*Spanish.	*Italian.	
	<p>Hebrew : First and Second Years (each) ..... Three days in the week.                  Hebrew and Chaldee : Third Year ..... Three days in the week.                  Lectures on Agriculture ..... Five days in the week.</p>				
	* For Honors. † Separate for Honors and for Pass. ‡ During Easter Term.				

DAILY PRAYERS.

“ Our Father, which art in Heaven, Hallowed be Thy Name. Thy kingdom come. Thy will be done in earth, as it is in heaven. Give us this day our daily bread. And forgive us our trespasses, As we forgive them that trespass against us. And lead us not into temptation ; but deliver us from evil : For thine is the kingdom, the power, and the glory, For ever and ever. Amen.”

“ The Grace of our Lord Jesus Christ, and the love of God, and the fellowship of the Holy Ghost be with us all evermore. Amen.”

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SUBJECTS FOR COMPOSITIONS, 1864.

# UNIVERSITY COLLEGE,

TORONTO.

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In the year 1827, a Charter was granted by his Majesty George IV., for the establishment of a University at York, (now Toronto,) under the designation of "King's College," and in the following year, the Institution was endowed by patent with a portion of the land, which had previously been set apart by His Majesty George III., for educational purposes.

In 1837, the Royal Charter was amended by a Statute, passed by the Legislature of Upper Canada, with the object of removing certain restrictions, which were regarded as unsatisfactory; but in consequence of various impediments, the Institution was not opened for the admission of Students until June 8th, 1843. From that date to December 31st, 1849, it was conducted under the Royal Charter, as amended by the Provincial Statute.

Another Provincial Statute, whereby important modifications were effected, and the designation was changed from "King's College" to that of the "University of Toronto," came into operation on January 1st, 1850. Under this

Statute the establishment was conducted until April, 1853, when the University was divided into two Institutions, one retaining the title of the "University of Toronto," and the other styled "University College, Toronto." The first of these Institutions is formed on the model of the University of London, its functions being limited to prescribing subjects of examination for Degrees, Scholarships, Prizes, and Certificates of Honor, examining candidates therein, and conferring such Degrees and distinctions.

University College has adopted the courses prescribed by the University of Toronto, and in its lectures are given on the subjects appointed for Candidates for the Degree of B.A., and for the Diplomas in Civil Engineering and Agriculture.

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### SECTION I.—STUDENTS.

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1. There are three classes of Students admissible to the College :—

**MATRICULATED STUDENTS** : those who have passed the Matriculation Examination in Arts, Civil Engineering, or Agriculture, in any University in Her Majesty's dominions, or the Matriculation Examination in Arts in this College.

**STUDENTS** : those who desire to attend, during an Academic year or term, two or more courses of Lectures.

**OCCASIONAL STUDENTS** : those who desire to attend but one course of Lectures.

2. Students may obtain the standing in the University of Toronto of Undergraduates of the second year by regularly attending the College Lectures, and satisfactorily passing the College Examinations in all the departments, appointed by the University as necessary for Undergraduates of the first year.

3. Students may obtain the standing in the University of Toronto of Undergraduates of the fourth year by regularly attending the College Lectures, and satisfactorily passing the College Examinations in all the departments, appointed by the University as necessary for Undergraduates of the third year, but they must also satisfactorily pass the University Examinations in the Mathematics of the first year.

4. Matriculated Students are required to attend the Lectures and Examinations in all the departments, appointed by the University of Toronto as necessary for Students of their respective standings. Certificates of attendance, during one or more Academic years, will be given to those Matriculated Students, who have been regular in their attendance on the required Lectures, and who have passed the required Examinations.

5. Matriculated Students are required to reside, during the period of their attendance on Lectures, in the College, or in such houses as have been selected by their parents or guardians, or approved by the President.

6. Students who reside in the College, are under the immediate charge of the Dean of Residence, Professor Buckland.

7. Students and Occasional Students are admitted to Lectures on application to the Professors in the respective depart-

ments in which they desire to attend, and are not required to produce any certificate or to pass any examination.

8. Certificates of attendance on Lectures in any department during an Academic year, may be given to those Students and Occasional Students who have been regular in their attendance, and who have also passed the examination in such department.

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## SECTION II.—TERMS.

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The Academic year consists of Two Terms: the first (*Michaelmas*) extending from October 1st to December 22nd; and the second (*Easter*) from January 3rd to May 18th.

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## SECTION III.—COURSE OF STUDY IN ARTS.

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### FIRST YEAR.

Greek and Latin; English; French; Hebrew; History; Natural Theology and Evidences of Christianity; Mathematics; Elementary Chemistry; Elementary Natural History.

Throughout the course the Oriental Languages form an optional department.

### SECOND YEAR.

Greek and Latin; English; French and German; Hebrew; History; Logic; Ethics and Metaphysics; Mathematics and Natural Philosophy; Chemistry and Chemical Physics; Elementary Mineralogy, Geology, and Physical Geography.

*Extract from University Regulations.*

"No Student who is not a Candidate for Honors in Modern Languages will be required at this examination to take both French and

German, but either, at his option; and if he take Hebrew, he may omit both French and German."

"A Candidate for Honors in any department, who has obtained First Class Honors in the University, in his first year, either in Greek and Latin, or in Mathematics, or in both Modern Languages and Natural Sciences, is not required in any other departments to pass an examination in any branch in which he has already been examined in his first year; but having only been examined in pure Mathematics in his first year, he must also take Applied Mathematics this year.

#### THIRD YEAR.

Greek and Latin; French, German, and Italian; Hebrew and Chaldee; History and Ethnology; Ethics, Metaphysics, and Civil Polity; Mathematics and Natural Philosophy; Applied Chemistry; Natural History.

#### *Extract from University Regulations.*

"A Student who is not a Candidate for Honors, or who may not exercise the options permitted in Honors, is not required at this Examination to take both 'Greek and Latin' and the 'Modern Languages,' but either, at his option."

"A Candidate for Honors in any department, who has also obtained first class Honors in the University in his second year, is not required in other departments to pass an examination in more than two branches, in which he has already been examined in previous years, and he may select these branches among the different departments, at his option."

"It is not essential in order to be placed in the First Class in Modern Languages that a Student should take French, German, and Italian, but he may take any two of them, at his option."

#### FOURTH YEAR.

Greek and Latin; English; French, German, Italian, and Spanish; Hebrew, Chaldee, Syriac, and Arabic; Ethics, Metaphysics, and Logic; Mathematics and Natural Philosophy; Organic and Qualitative Analytical Chemistry; Mineralogy, Geology, and Physical Geography; Meteorology.

#### *Extract from University Regulations.*

"A Student who is not a Candidate for Honors, or who may not

exercise the options permitted in Honors, is not required at this Examination to take both 'Greek and Latin' and the 'Modern Languages,' but either department, at his option. Neither is a Student required to take 'Meteorology, Mathematics, and Chemistry,' but any one of those subjects, at his option."

"A Candidate for Honors in any department, who has also obtained First Class Honors in the University in his third year, is not required to pass an examination in any other department than that in which he is a Candidate for Honors."

"A Candidate for Honors in Modern Languages is not required to take French, German, Italian, and Spanish, but any three of them, at his option, along with English."

"No Gold Medal in Modern Languages will be awarded except to such Candidates as have been placed in the first class in each of the following languages, viz.: English, French, German, Italian, and Spanish."

"A Candidate for Honors in the Natural Sciences is not required to take all the three branches of that department, but he may take any two of them, at his option."

"No Gold Medal in Natural Sciences will be awarded except to such Candidates as have been placed in the first class in each of the following subjects:—Chemistry, Mineralogy and Geology, Botany and Zoology."

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#### SECTION IV.—COURSE OF STUDY IN CIVIL ENGINEERING.

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##### FIRST YEAR.

Euclid, B. XI., Propp. 1 to 21; Statics and Dynamics; Astronomy; English; French; Chemistry and Chemical Physics; Elementary Mineralogy and Geology.

##### SECOND YEAR.

Hydrostatics, Optics and Acoustics; Applied Chemistry; Mineralogy and Geology.

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## SECTION V.—COURSE OF STUDY IN AGRICULTURE.

### FIRST YEAR.

English ; Elementary Chemistry ; Elementary Natural History ; Elementary Mineralogy and Geology ; History and Principles of Agriculture.

### SECOND YEAR.

Applied Chemistry ; Natural History ; Mineralogy, Geology, and Physical Geography ; History and Diseases of Farm Animals ; Practice of Agriculture.

See subjects of Lectures on Agriculture, Chemistry, Natural History and Mineralogy and Geology.

## SECTION VI.—PRELIMINARY COURSE OF STUDY IN LAW. (a)

### FIRST YEAR.

Greek and Latin ; English ; French ; History ; Logic and Ethics.

(a) SUBJECTS APPOINTED BY THE UNIVERSITY OF TORONTO FOR CANDIDATES FOR MATRICULATION IN LAW :

#### GREEK AND LATIN.

Lucian, Charon, Vita and Timon.                      Horace, Odes, Bb. I. and III.

#### ADDITIONAL FOR HONORS.

Homer, Iliad, B. VI.    Virgil, Æneid, B. VI.

Translation from English into Latin Prose

#### MATHÉMATICS.

Arithmetic.

Algebra, as far as Quadratic Equations. (Colenso's.)

Euclid, Bb. I., II., III., IV. (Colenso's edition of Simpson's.)

#### ADDITIONAL FOR HONORS.

Euclid, B. VI., and definitions of B. V.

Algebra. (Colenso's.)

Plane Trigonometry, as far as the solution of plane triangles. (Colenso's.)

## SEC. VII.—DEPARTMENTS OF INSTRUCTION.

## § 1.

## RELIGIOUS KNOWLEDGE.

Lecture Rooms are provided, and suitable hours will be set apart for the religious instruction of Matriculated Students by Ministers of their respective denominations.

## § 2.

## CLASSICAL LITERATURE, LOGIC, AND RHETORIC.

*Professor*—REV. JOHN McCAUL, LL.D.

*Classical Tutor*—

## GREEK AND LATIN.

Subjects of Lectures :

## FIRST YEAR.

Homer, *Iliad*, Bb. VI. & \*XVIII. Virgil, *Æneid*, Bb. VI. & \*VIII.

## ENGLISH.

Grammar and Composition.

Orthographical and Etymological forms of the English Language. (Fowler's *English Language, its Elements and Forms*.)

## ADDITIONAL FOR HONORS.

History of the English Language. (Books of reference; Craik's *Outlines of the History of the English Language*; The *English Language*, 2nd ed.)

## FRENCH.

Grammar.

Monte: *quieu, Grandeur et Décadence des Romains*.

## HISTORY AND GEOGRAPHY.

Outlines of English History to the present time. (W. Douglas Hamilton's *Outlines of English History*.)

Outlines of Roman History to the death of Nero. (Schmitz's *Manual of Ancient History*.)

Outlines of Grecian History to the death of Alexander. (Schmitz's *Manual of Ancient History*.)

Outlines of Modern Geography.

## ADDITIONAL FOR HONORS.

Roman History, Age of Augustus. (Liddell's *Rome*; Browne's *History of Roman Literature*.)

Grecian History, Age of Pericles. (Smith's *Greece*; Browne's *History of Greek Literature*.)

Lucian, Charon, Vita, and Cicero, de Amicitia, and \*pro  
\*Timon. lege Manilla.

Translation into Latin \*Verse and Prose.

SECOND YEAR.

Homer, Odyssey, B. XI. \*Virgil, Georg., B. IV.  
\*Euripides, Alcestitis. Horace, Odes and \*Epodes.  
Demosthenes, Olynthiacs and Cicero, Orat. I., in Catilinam,  
\*Philippics. pro Archia, pro Marcello, and  
\*pro Milone.

Translation into Latin \*Verse and \*Greek and Latin Prose.

THIRD YEAR.

Sophocles, Oedipus Rex. Horace, Satires and Epistles.  
\*Coloneus \*Terence, Phormio.  
\*Æschylus, Prometheus. Livy, Bb. V. and \*XXI.  
\*Plato, Apology and Crito. \*Tacitus, Annals, B. I.

Herodotus, B. II.

Translation into \*Greek and Latin \*Verse and Prose.

FOURTH YEAR.

Euripides, Medea. Juvenal, Satt. III., VII., VIII., & X.  
\*Æschylus, Agamemnon. \*Persius, Satt. I., II., III., V., & VI.  
\*Aristophanes, Nubes. \*Plautus, Aulularia.  
\*Pindar, Olympic Odes. \*Lucretius, Bb. V., & VI.  
Thucydides, B. VII. \*Livy, Bb. XXI. to XXV.  
\*Æschines, adv. Ctesiphontem. Tacitus, Germania and Agricola.  
\*Demosthenes, de Corona. \*Histories.  
\*Aristotle, Poetics. \*Pliny, Epist. B. VI.  
\*Longinus, de Sublimitate. \*Seneca, Medea.

Translation into \*Greek and Latin \*Verse and Prose.

Lectures are also given by the Professor in Logic and Rhetoric. The text books in the former are Walker's edition of Murray's Logic, and Thompson's Outline of the Laws of Thought.

The Classical Tutor receives a Class of Candidates for Matriculation, to whom he gives instruction in the following subjects:

Xenophon, Anabasis, B. I. Sallust, Catilina.  
Homer, Iliad, B. I. Virgil, Æneid, B. II.  
——— Odyssey, B. IX. Horace, Odes, B. I.  
Ovid, Fasti, B. I.

Translation into Latin Prose and Verse.

\*Only for Candidates for Honors.

BOOKS RECOMMENDED FOR ORDINARY USE, OR FOR OCCASIONAL  
REFERENCE IN THE LIBRARY.

*Grammar*: Arnold's Greek, Zumpt's Latin (Jelf's Greek, Madvig's Latin.)

*Prosody*: Anthon's Greek, Carey's Latin.

(Hermann's *Elementa Doctrinæ Metricæ*; Munk on Greek and Roman Metres; Tate's Greek Tragic and Comic Metres; McCaul's Greek Tragic, Terentian, and Horatian Metres.)

*Dictionaries*: Liddell and Scott's Greek, Riddle's Latin; Phraseological English-Greek (Arnold's course); Anthon's English-Latin; Prasse's Greek Gradus.

(Scapulae Lexicon, Stephens' Thesaurus, Scheller's Lexicon by Riddle, Faciolati's Lexicon by Bailey, Maltby's Lexicon Græco-Prosodiacum.)

*Civil History*: Smith's Grecian, Liddell's Roman, Smith's Student's Gibbon.

(Mitford's, Thirwall's, and Grote's, Grecian; Niebuhr's, Arnold's, Merivale's, and Gibbon's (*Variorum*) Roman.)

*Literary History*: Brown's Greek and Roman Classical Literature.

(Mure's, Müller's, and Anthon's Greek; Dunlop's Roman; Donaldson's Theatre of the Greeks; Coleridge's Introduction to Greek Classic Poets.)

*Biography and Mythology*: Smith's Dictionary.

*Archæology*: Smith's Dictionary of Greek and Roman Antiquities.

(Wachsmuth's and Hermann's Political Antiquities of Greece; Müller's Dorians; Boeckh's Public Economy of Athens; Bekker's Charicles and Gallus; Eckhel's, Rasche's, and Akerman's Numismatical Works; Boeckh's, Rose's, and Baillie's Greek Inscriptions, Gruter's, Orelli's, and Mommensen's Latin.)

*Geography*: Smith's Dictionary.)

(Cramer's Greece, Italy, and Asia Minor.

*Chronology*: Oxford Chronological tables.

(Clinton's *Fasti Hellenici* and *Romani*.)

In the Lectures, reference will be given to other authors, who may be consulted on special subjects; such as on Homer, Thiersch's Grammar, Buttman's *Lexilogus*, &c.

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\* Only for Candidates for Honors.

§ 3.

METAPHYSICS AND ETHICS.

*Professor*—REV. JAMES BEAVEN, D.D.

Subjects of Lectures:

FIRST YEAR.

Natural Theology, Evidences of Christianity, (Paley's.)

SECOND YEAR.

Wayland's Moral Science; Locke, Bb. II., III., and IV.

\*Tenneman's History of Philosophy, to the end of the Scholastic Period. (Morell's ed.)

\*Des Cartes' Method, Meditations and Principles.

THIRD YEAR.

Reid's Intellectual Powers; Stewart's Moral and Active Powers;  
\*Tenneman's History of Philosophy, from the Scholastic Period;  
\*Locke, B. I., with Cousin's Critique on Locke; \*Stewart's Dissertation  
on the History of Intellectual Philosophy; \*Macintosh's Dissertation  
on the Progress of Ethical Science.

FOURTH YEAR.

\*Bacon's Novum Organon; \*Reid's Intellectual Powers (with Sir  
W. Hamilton's Notes); \*Kant's Critique of Pure Reason; \*Morell's  
History of Philosophy.

The Candidates for Honors will be expected to read, besides portions of the works stated above, such philosophical works in Greek or Latin as may, from time to time, be pointed out or lectured on by the Professor.

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\*Only for Candidates for Honors.

## § 4.

## HISTORY AND ENGLISH LITERATURE.

Professor—DANIEL WILSON, LL.D.

Subjects of Lectures:

## HISTORY.

## FIRST YEAR.

*Ancient History*: embracing outlines of Egyptian, Phœnician, Assyrian, Greek, and Roman History; and a more detailed account of British History from the era of the Roman invasion to the reign of Henry VIII.

## SECOND YEAR.

*Mediæval History*: embracing the rise of Mahommedanism, and the leading events of European History, from the transference of the seat of empire to the East, to the fall of Constantinople in 1453.

*British History*: from the reign of Henry VIII. to the Revolution.

## THIRD YEAR.

*Modern History*: from the discovery of America, with a more detailed sketch of the History of Britain and her Colonies, from the era of the Revolution.

*Special Lectures* are given with a view to Candidates for University Honors, on the general European History of each period; and in the third year, an additional course on *Ancient* and *Modern Ethnology*, with a view to the sources of national character and institutions.

## ENGLISH LANGUAGE AND LITERATURE.

## FIRST YEAR.

*Language*: \*Origin and History of the English Language; its Orthographic and Etymological forms; its compound structure and intrusive Philological and Grammatical elements; \*Prosody.

*Literature*: History of English Literature to the accession of Queen Elizabeth.

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\*Only for Candidates for Honors.

SECOND YEAR.

*Language*: \*Etymology and Synonyms; Syntactical and Rhetorical Analysis of Forms of English Composition.

*Literature*: History of English Literature from the accession of Queen Elizabeth to the accession of Queen Anne.

\*Critical reading of one of Shakespear's Dramas.

FOURTH YEAR.

*Language*: History of the formation of the English Language, and Analysis of the Philological Elements; Principles of Composition and Prosody, based on Critical Readings of English Classics.

*Literature*: History of English Literature from the accession of Queen Anne to the present time.

\*Critical Analysis of two of Shakespear's Historical Dramas; and of portions of Milton's Paradise Lost, Spenser's Faerie Queen, &c.

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§ 5.

MODERN LANGUAGES.

*Professor*—JAMES FORNERI, LL.D.

Subjects of Lectures :

FIRST YEAR.

FRENCH.

Grammar (De Fivas); \*LaFontaine's Fables, Bb. I., II., and III.; Montesquieu, Grandeur et Décadence des Romains; \*Voltaire's Alzire; \*Translation into French.

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\*Only for Candidates for Honors.

## SECOND YEAR.

## FRENCH.

Grammar and Grammatical Construction; La Bruyère, Caractères (de l'homme, des jugements, de la mode); \*Racine, Iphigénie; \*Molière, le Misanthrope; Translation into French; History of French Literature to the 17th century (Sismondi's Literature of the South of Europe.)

## GERMAN.

Grammar (Forneri's); Adler's Reader, 1, 2; \*Goethe, Hermann and Dorothea, Canto II.; \*Translation into German; History of German Literature (Gostick, Periods 1, 2, 3, 4.)

## THIRD YEAR.

## FRENCH.

Grammatical Analysis of Racine's Phèdre, act V., scene 6; Racine, Athalie; Bossuet, Oraisons Funèbres (de la Reine d'Angleterre, et du Prince de Condé); \*Rotrou, Venceslas; \*Boileau, l'Art Poétique; Composition and \*Conversation in French; History of French Literature in the 17th century (Chouquet's.)

## GERMAN.

Lessing, Minna von Barnhelm; \*Wieland, Geschichte der Abderiten, I.; \*Goethe, Iphigenie auf Tauris; Translation into German and \*Composition; History of German Literature (Gostick, Periods 5 and 6.)

## \*ITALIAN.

Grammar; Goldoni, La Villeggiatura.

## FOURTH YEAR

## FRENCH.

Corneille, le Cid; De Stael, De L'Allemagne première partie; \*Molière, Le Médecin malgré lui; \*Racine, Esther; \*Poetry of the Troubadours and Trouvères compared and rendered into French Prose (Sismondi's Literature of the South of Europe); History of French Literature, from the 18th Century to the present time (Chouquet's); Composition and \*Conversation in French.

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\*Only for Candidates for Honors.

## GERMAN.

Schiller, Wilhelm Tell; Schiller, Geschichte des Abfalls der Niederländer, B. I.; \*Schiller, Maria Stuart; \*Körner, Epische Fragmente Unterlegte Texte, Gelegenheitsgedichte, and Leyer und Schwerdt; Composition and \*Conversation in German; History of German Literature (Gostick., Period 7.)

## \*ITALIAN.

Tasso, Gerusalemme Liberata, Canto XII.; Dante, Inferno, Cantos I. to VII., inclusive; Translation into Italian; History of Italian Literature (Sismondi's Literature of South of Europe, as far as Chap. XV.)

## \*SPANISH.

Grammar; Quintana, Vida, del Cid; Moratin, El si de las niñas; Translation into Spanish; History of Spanish Literature (Sismondi's Literature of South of Europe, as far as Chap. XXX)

\*Comparison of Etymological and Grammatical forms in Latin, Provençal, French, Italian, and Spanish (Sir J. Cornwall Lewis's Origin and Formation of the Romance Languages.)

## § 6.

## ORIENTAL LITERATURE.

*Lecturer*—J. M. HIRSCHFELDER, ESQ.

Subjects of Lectures :

## FIRST YEAR.

## HEBREW.

Grammar, to the end of Irregular Verbs (Gesenius's); Genesis, Chapp. I., II., III., IV., & V.; Psalms, I., II., III., IV.; History of the Hebrew Language and Literature.

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\*Only for Candidates for Honors.

## SECOND YEAR.

## HEBREW.

Grammar, continued to the end of Syntax; Genesis, Chap. XXXVII, to the end of Book; Psalms, VI. to XXV.; Lowth's Lectures on Hebrew Poetry.

## THIRD YEAR.

## HEBREW.

Psalms, XL, CXXXIII., and CXXXVII.; Isaiah, Chapp. IV., VII., XIV., LII., LIII.

## CHALDEE.

Grammar, (Winer's); Daniel, Chapp. II. and III.; History of the Chaldee Language and Literature.

## FOURTH YEAR.

## HEBREW.

Job, Chapp. II., IV., V., VI., & VII.; Proverbs, Chapp. I., II., & III.; Ecclesiastes, Chapp. I. & XII.

## CHALDEE.

Daniel, Chapp. IV. to the end of VII.; Ezra, Chapp. IV. to end of VI.

## SYRIAC.

Grammar (Phillips'); The Parables of the New Testament; History of the Syriac Language and Literature.

## ARABIC.

Grammar; Extracts from the Koran and other Arabic Works; History of the Arabic Language and Literature.

## SAMARITAN.

Portions from the Pentateuch.

## § 7.

## MATHEMATICS AND NATURAL PHILOSOPHY.

*Professor of Natural Philosophy*—J. B. CHERRIMAN, M. A.

## Subjects of Lectures:

## FIRST YEAR.

Arithmetic; Algebra (Colenso's); Euclid (Colenso's); and Plane Trigonometry (Colenso's.)

## SECOND YEAR.

Elements of Statics and Dynamics (Cherriman's); \*Analytical Conic Sections (Hymers's or Todhunter's); \*Newton's Principia, Secc. I, II, & III. (Evans' ed); and \*Rudiments of Differential and Integral Calculus (Hemming's or Todhunter's.)

## THIRD YEAR.

Elements of Hydrostatics and Optics (Chambers's Educational Course); \*Differential and Integral Calculus (DeMorgan's or Price's); \*Analytical Geometry of two and three dimensions (Salmon's and Hymers's); \*Theory of Algebraic Equations (Hymers's); \*Analytical Statics (Todhunter's); \*Dynamics of a particle (Sandeman's); \*Geometrical Optics (Griffin's); \*Hydrostatics (Miller's.)

## FOURTH YEAR.

Elements of Astronomy (Herschel's), and Acoustics (Chambers's Educational Course); \*Spherical Trigonometry (Hann's); \*Newton's Principia, Secc. IX. & XI. (Evans's ed.); \*Plane Astronomy (Hymers's); \*Lunar Theory (Godfrey's.)

\*.\*The Lectures on Natural Philosophy are illustrated by Apparatus.

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\*Only for Candidates for Honors.

## § 8.

## METEOROLOGY.

*Professor*—G. T. KINGSTON, M.A.

## Subjects of Lectures :

Nature and object of the science.

Properties of heat and of gaseous bodies.

Construction and use of meteorological instruments and tables.  
Mode of registering and classifying meteorological observations.

Reduction of observations at a given station. Diurnal and annual variation of the meteorological elements, deduced from a series of hourly observations. Calculation of the normal values of the several elements proper to any given epoch of the day and year. Non-periodic variations.

Geographical distribution of the meteorological elements, derived from the combination of the results obtained at different stations. Construction of charts exhibiting isothermal, thermic isabnormal and isobarometric lines, &c.

Physical causes which regulate the variations of the meteorological elements, and their geographical distribution.

Investigation of the laws of storms.

Practical application of Meteorology with reference to animal and vegetable life, and the occupations of man.

(*Text-books*—Kaemtz's Meteorology; Brocklesby's Meteorology.)

## § 9.

## CHEMISTRY.

*Professor*—H. H. CROFT, D.C.L.

## Subjects of Lectures :

## ELEMENTARY CHEMISTRY.

## FIRST YEAR.

In this course, which is intended as an introduction to the science, particular attention will be paid to Chemical Affinity, Laws of Com-

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\*Only for Candidates for Honors.

binning Proportions, Chemical Nomenclature, and Notation; Heat and Electricity being only slightly touched on. Especial attention will be directed to Inorganic Chemistry, and the Organic division given only in outline:

(*Text-books*—Chemistry in Chambers's Educational Course; Fownes' Elements.)

The course will be illustrated by experiments.

### CHEMISTRY AND CHEMICAL PHYSICS.

#### SECOND YEAR.

Origin and history of Chemistry—connexion with other sciences.  
General properties of matter—adhesion and cohesion—crystallization—specific gravity, &c.

Heat—expansion—thermometers—ventilation—change of state of aggregation—vapours.

Light—as a chemical agent—photography, &c.

Statical Electricity—Galvanism—Magnetism—Electro-Magnetism.

Electric Telegraph—Thunderstorms, &c.

Chemical affinity—nomenclature—law of equivalents—atomic theory.

Non-metallic elements—their combinations.

Vegetable Chemistry.

Animal Chemistry.

Application of Chemistry to Agriculture and to Physiology.

The Lectures will be illustrated by experiments, specimens, diagrams, and an extensive collection of models and physical apparatus.

The usual application of the science to manufactures, the arts, pharmacy and medicine, will be made particularly prominent. The detection of poisons and adulterations, as well as testing in general, will also be fully considered.

(*Text-books*—Fownes' Elements of Chemistry; Graham's Elements of Inorganic Chemistry; Lardner's Hand-book of Heat and Electricity, or Miller's Chemical Physics.)

### APPLIED CHEMISTRY.

#### THIRD YEAR.

In this course, the application of Chemistry to the arts and manufactures, and to the ordinary purposes of life, will be more fully

entered into; as, for instance, glass-making, china and pottery, gas, sugar, calico printing, dyeing, tanning, preservation and preparation of food, metallurgic processes, &c., &c.

The Lectures will be illustrated by diagrams, models, and specimens of manufacture.

(*Text-books*—Knapp's Technology; Ure's and Tomlinson's Dictionary.)

### ORGANIC CHEMISTRY.

#### FOURTH YEAR.

In this course, an acquaintance with Inorganic Chemistry and with the general principles of the science is presupposed, and more attention will be paid to the vegetable and animal departments than in the second year's course.

The various theories and practical applications will be made more prominent.

(*Text-books*—Gregory's Hand-book of Organic Chemistry; Croft's Synopsis.)

### ANALYTICAL CHEMISTRY.

In this short course, the preparation of pure re-agents, the use of analytical apparatus, the detection of poisons, and the general process of qualitative analysis will be discussed, and an introduction given to the study of quantitative operations.

(*Text-books*—Fresenius's or Noad's Qualitative Analysis; Croft's Course of Practical Chemistry.)

### PRACTICAL CHEMISTRY.

Classes will be formed for practical instruction in chemical manipulation, qualitative and quantitative analysis, examination of ores and mineral waters, chemical and pharmaceutical preparations, toxicological investigations, and the general operations of the laboratory.

This course is optional, and will be given at hours in the afternoon to suit the convenience of students.

## § 10.

## NATURAL HISTORY.

INCLUDING ZOOLOGY AND BOTANY.

*Professor*—REV. W. HINCKS, F.L.S.

(Late Professor in Queen's College, Cork.)

Three courses of Lectures are given in this department; an introductory course for Matriculated Students of the first year, and two detailed courses for Matriculated Students of the third year.

## I.—INTRODUCTORY COURSE ON ZOOLOGY AND BOTANY.

This course comprehends the elements of Comparative Physiology, with a general view of the structure and arrangement of the Animal Kingdom, and the elements of structural and systematical Botany.

(*Text-books*—Agassiz and Gould's Principles of Zoology; Gray's First Lessons in Botany.)

Candidates for Honors are required to take up the structure and arrangement of Lamellibranchiate and Gastropodous Mollusks, and a general view of the structure and arrangement of Birds; also, in Botany, the elements of Vegetable Physiology.

A supplementary course of at least twelve Lectures will be given to Agricultural Students on subjects immediately connected with their particular object.

(*Books of reference*—Woodward's Rudimentary Treatise on Recent and Fossil Shells; Gray's First Lessons, XXII.—XXVII; Lindley's Botany, last chapter.)

## II.—DETAILED COURSE OF ZOOLOGY.

In this course, each division of the animal kingdom is separately considered as to its structure and arrangement, the fullest details being given where the subjects appear to be of most general interest, and where the means of illustration are most accessible.

(*Books of reference*—Owen's Lectures on Comparative Anatomy; Clark's translation of Vander Höven's Hand-book of Zoology; Jones's Animal Kingdom; Carpenter's Zoology.)

## III.—DETAILED COURSE OF BOTANY.

In this course, the objects proposed are, first, to lay a good foundation for any further Botanical studies in Physiology, Organography,

and Morphology, and then to illustrate that arrangement of the Vegetable Kingdom which is judged to be on the whole preferable, with a constant reference to the uses of the objects noticed, and to the connexion of certain properties with natural groups.

(Text-books—Gray's Botanical Text book; Lindley's Vegetable Kingdom.)

\* \* \* The Lectures are copiously illustrated by specimens, diagrams, drawings, and the use of the microscope.

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§ 11.

MINERALOGY AND GEOLOGY.

Professor—E. J. CHAPMAN, PH. D.

(Late Professor in University College, London.)

Subjects of Lectures :

SECOND YEAR.

I.—ORDINARY COURSE FOR GENERAL STUDENTS.

A. *Elements of Mineralogy.*

A, 1. The characters by which Minerals are distinguished from one another.

A, 2. The conditions of occurrence, composition, &c., of commonly occurring Minerals and Metallic Ores.

B. *Elements of Geology.*

B, 1. General principles of Geology. Structural characters, and classification of rock masses.

B, 2. A general outline of the Geological ages and epochs.

II.—ADDITIONAL COURSE FOR CANDIDATES FOR HONORS.

A. *The Rudiments of Crystallography.*

B. *The Rudiments of Palaeontology.*

C. *The elements of Physical Geography.*

(Books of reference—Dana's Manual of Mineralogy; Lyell's Elementary Manual; Chapman's Minerals and Geology of Canada; Johnstone's Elementary Atlas of Physical Phenomena, 8vo edition.)

## FOURTH YEAR.

## I.—ORDINARY COURSE FOR GENERAL STUDENTS.

*A. Mineralogy.*

A, 1. The Physical relations of Mineralogy.

A, 2. The Chemical relations of Mineralogy.

A, 3. Descriptive Mineralogy.

*B. Geology, Palæontology, and Physical Geography.*

B, 1. The fundamental principles of Geology.

B, 2. Palæontology, or the natural history and geological applications of organic remains.

B, 3. Chronological and descriptive Geology.

B, 4. Physical Geography, or the earth in its present aspect and conditions.

## II.—ADDITIONAL COURSE FOR CANDIDATES FOR HONORS.

*A. Application of Trigonometry to the Calculation of Crystal Axes and Angles.**B. Geology of North America, with Rock Formations and Economic Minerals of Canada considered in detail.*

B, 1. General sketch of American Geology.

B, 2. Sub-divisions, mineral characters, distinctive fossils, and economic substances, of Canadian rocks.

B, 3. Connected view of Canadian Geology, shewing the distribution and grouping of the various formations throughout the Province.

*(Books of reference—Dana's System of Mineralogy; Dana's Manual of Geology; Lyell's Elements and Principles of Geology; Murchison's Siluria; Pictet's Palæontologie; Geology of Canada, by Logan and Hunt; Johnston's Quarto Atlas of Physical Geography; Synopsis of Professor Chapman's Lectures; Professor Chapman's Examples of the Application of Trigonometry to the Calculation of Crystal Axes.)*\* \* In addition to these courses, a separate course of elementary and practical Lectures, on the *Minerals and Geology of Canada*, is given during the months of February and March. This course is especially intended to meet the requirements of Provincial Land Surveyors and Mining Engineers.

## § 12.

## AGRICULTURE.

*Professor*—GEORGE BUCKLAND, ESQ.

Subject of Lectures :

## I.—HISTORY OF THE ART.

- (a) Agriculture, as understood and practised by the Ancients.
- (b) Agriculture during the Middle Ages.
- (c) Modern Agriculture.

## II.—THE SCIENCE OF AGRICULTURE.

- (a) Soils ; their origin, composition, distribution, classification, &c. Relations of Geology, Chemical and Mechanical Analyses.
- (b) Plants ; their structure, composition, growth, &c. Manures ; theory, action, and relative value of ; modes of preparing, applying, and economizing. Relations of Chemistry and Botany to Agriculture.
- (c) The domesticated animals of the farm ; history and description of varieties or breeds ; the principles of breeding, with biographical sketches of the more distinguished breeders ; diseases and treatment ; relations of animal physiology to breeding, feeding, &c.
- (d) Influence of climate on agricultural productions, both animal and vegetable. Value of a knowledge of Meteorology and Physical Geography to farmers.

## III.—THE PRACTICE OF AGRICULTURE.

- (a) Methods of acquiring a practical knowledge of farming. Importance of an agricultural literature. Connexion of theory and practice. Popular fallacies.
- (b) Principles of cultivation ; instruments of tillage, illustrated and described.
- (c) Draining ; its value and various modes of execution explained. Subsoil ploughing. Fallowing. Rotation of crops, &c.
- (d) History, cultivation, and economic uses of the various grains, roots, &c., raised on the farm. Weeds. Blights and their remedies. Harvesting and securing crops.

- (e) The practice of manuring, and the means of restoring exhausted land. Management of pasture. Irrigation, &c.
- (f) The management of stock, and the construction and arrangement of farm buildings.
- (g) Dairy management; butter and cheese making, &c.
- (h) Management of landed property; principles of the lease; theory of rent; relations of Political Economy to rural affairs.
- (i) Agriculture as a pursuit; economic importance of; its place in a system of general education; tendency to foster feelings of patriotism, &c.

The Professors of Chemistry, of Natural History, (including Botany and Entomology,) of Mineralogy and Geology, and of Meteorology, will each give Special Lectures on those branches of Scientific Agriculture which come within their respective departments.

(*Books of reference*—Stephens's Farmer's Guide; London Encyclopædia of Agriculture; Morton's do.; Johnston's Elements of Agricultural Chemistry and Geology; Boussingault's Rural Economy; Low's Practical Agriculture and Domesticated Animals.)

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## SECTION VIII.—EXAMINATIONS.

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1. Examinations are held at the close of each Term in the subjects of Lecture during that Term.

2. All Matriculated Students of the College are required to attend the Examinations in every department or branch prescribed by the University of Toronto, as necessary for Students of their respective standings.

3. Students or Occasional Students are not required to attend the Examinations, unless they are Candidates for Prizes or Honors, or desire to obtain certificates of Attendance.

4. Candidates for Prizes or Honors are arranged, according to their proficiency, in two classes, and those who are not Candidates for Prizes or Honors are similarly arranged in the third class.

5. Matriculated Students who are Candidates for Honors, if they have passed the College Examinations during the 1st and 3rd years of their course, are required to attend the University Examinations for those years, only in those departments in which they are Candidates for Honors.

6. Matriculated Students, who are not Candidates for Honors, if they have passed the College Examinations during the 1st and 3rd years of their Course, are not required to attend the University Examinations for those years in any department.

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SECTION IX.—UNIVERSITY COLLEGE PRIZES AND CERTIFICATES OF HONOR.

Certificates of Honor in each department are awarded to those Students who have been placed in either First or Second Class at the First Terminal Examination, and in First Class at the Second Terminal Examination. The prize in each department is awarded, and on the same principle, to that Student, whose standing is highest on comparison of the results of the Examinations.

The following are the Prizes offered for Competition in the College :

SUBJECT.	VALUE.			
	1st Year.	2nd Year.	3rd Year.	4th Year.
Greek and Latin .....	\$10 00	\$10 00	\$10 00	\$10 00
Metaphysics and Ethics .....	5 00	10 00	10 00	10 00
Chemistry and Chemical Physics...	5 00	10 00	5 00	10 00
Mathematics and Nat. Philosophy.	10 00	10 00	10 00	10 00
History.....	} 10 00	} 10 00	5 00	} 5 00
English.....				
Zoology and Botany.....	5 00	.....	10 00	.....
Mineralogy and Geology .....	.....	5 00	.....	10 00
Meteorology .....	.....	.....	.....	5 00
Agriculture.....	5 00	10 00	.....	.....
Rhetoric.....	.....	.....	5 00	.....
Logic.....	.....	5 00	.....	.....
French.....	5 00	} 10 00	} 10 00	} 10 00
German.....	.....			
Italian.....	.....			
Spanish.....	.....	.....	.....	.....

## PRIZES—Continued.

SUBJECT.	VALUE.			
	1st Year.	2nd Year.	3rd Year.	4th Year.
Hebrew.....	\$5 00	\$5 00	} \$10 00	.....
Chaldee.....	.....	.....		.....
Hebrew, Chaldee, Syriac, Arabic, (any three).....	}	.....	.....	\$10 00
Greek Verse .....		.....	.....	.....
Latin Verse .....		.....	.....	.....
English Verse.....		.....	.....	.....
French Prose .....		.....	\$10 00 each.	
English Essay.....	.....	.....	.....	.....
Public Speaking.. .....	.....	.....	.....	.....
Public Reading .....	.....	.....	.....	.....

UNIVERSITY COLLEGE PRIZE AND HONOR LISTS  
FOR 1864.

## MATRICULATED STUDENTS.

	<i>Greek and Latin.</i>	<i>Mathematics.</i>	<i>Metaphysics and Ethics.</i>
4th Year...	1. Vandersmissen, W. H. <i>Prizeman.</i>	1. Robertson, T. J. <i>Prizeman.</i>	
		2. Rutledge, J.	
3rd Year...	Foster, S. <i>Prizeman.</i>	1. Malloy, W. <i>Prizeman.</i>	1. Campbell, J. <i>Prizeman.</i>
1, 2.	Goodwille, G. S.	2. Lount, G.	2. Croly, J. E.
	3. Christie, A. J.		
2nd Year...	1. Fitzgerald, W. <i>Prizeman.</i>	1, 2. { Paterson, J. A. Fitzgerald, W. <i>Prizemen.</i>	De la Mere, T. D. <i>Prizeman.</i>
	2. Campbell, A. F.		
1st Year...	1. Connon, C. H. <i>Prizeman.</i>	1. Magee, J. <i>Prizeman.</i>	1. Connon, C. H. <i>Prizeman.</i>
	2, 3. { Hill, A. Mewburn, H.	3. Galbraith, J.	2, 3. { Anderson, A. Cameron, R
	4. Patterson, E. G.	4. Mewburn, H.	
	5, 6. { Smythe, E. White, J.	5. Reesor, F. A.	
	7, 8. { Anderson, A. Yale, H.	6. Williams, C.	
		7. Yale, H.	
		8. Smythe, E.	

COLLEGE PRIZE AND HONOR LISTS—*Continued.*

*Chemistry. Zoology and Botany. Mineralogy and Geology.*

- 4th Year... 1. Snider, E. F. Snider, E. F.  
*Prizeman. Prizeman.*  
 2. Ferguson, J.
- 3rd Year... 1, 2. { Thompson, J. B. Thompson, J. B.  
*Prizeman. Prizeman.*  
 Grandy, J.  
 3. Hagar, J. M.  
 4. Lount, G.  
 5. Taylor, H.  
 6. Smiley, J.  
 7. Scott, R. G.  
 8. Croly, J. E.

- 1st Year... 1. Connon, C. H. 1. Patterson, E. G.  
*Prizeman. Prizeman.*  
 2. Galbraith, J. 2. Smythe, E.  
 3. Graham, W. 3. Graham, W.  
 4. Walker, W. F.

*History. English. Logic.*

- 4th Year... 1. Seymour, E. F.  
*Prizeman.*  
 2. Vandersmissen, W. H.
- 3rd Year... Campbell, J.  
*Prizeman.*
- 2nd Year... 1. Barker, P. M. 1. Campbell, A. F. 1. Paterson, J. A.  
*Prizeman. Prizeman. Prizeman.*  
 2. Campbell, A. F. 2. Barker, P. M. 2. Gould, J. E.  
*Prizeman.* 3. Mitchell, G. A.  
 4. Wright, A. H.  
 5. Fleming, W. B.
- 1st Year... 1. Smythe, E. Anderson, A.  
 2. Yale, H. *Prizeman.*  
 3. Patterson, E. G.

COLLEGE PRIZE AND HONOR LISTS—*Continued.*

	<i>French.</i>	<i>German.</i>	<i>Italian.</i>
4th Year...	1. Seymour, F. E. <i>Prizeman.</i>	1. Seymour, F. E. <i>Prizeman.</i>	Seymour, F. E. <i>Prizeman.</i>
	2. Wilson, J. S.	2. Wilson, J. S.	
3rd Year...	1. Tamblyn, W. W. <i>Prizeman.</i>	1. Tamblyn, W. W. <i>Prizeman.</i>	1. Tamblyn, W. W. <i>Prizeman.</i>
	2. Campbell, J.	2. Bowers, J. E.	1. Campbell, J.
	3. Bowers, J. E.	3. Grandy, J.	3. Grandy, J.
	4. Foster, S.	4. Smiley, J.	4. Hagar, J. M.
		5. Campbell, J.	5. Foster, S.
			6. Smiley, J.
			7. Bowers, J. E.
			8. Delamater, H.
2nd Year...	Campbell, A. F. <i>Prizeman.</i>	Campbell, A. F. <i>Prizeman.</i>	
1st Year...	1. Mawburn, H. <i>Prizeman.</i>		
	2. Patterson, E. G.		
	3. Yale, H.		
	4. Galbraith, J.		
	<i>Spanish.</i>	<i>Hebrew, Chaldee, and Syriac.</i>	<i>Agriculture.</i>
4th Year...	1. Seymour, F. E. <i>Prizeman.</i>	Hubbert, J. <i>Prizeman.</i>	
	2. Wilson, J. S.		
3rd Year...		{ Squire, G. H. Croly, J. E. <i>Prizemen.</i>	
2nd Year...		Wright, P. <i>Prizeman.</i>	Keefer, W. N. <i>Prizeman.</i>
1st Year...			{ Goodwillie, G. Greer, G. M. <i>Prizemen.</i>
4th Year...	<i>Meteorology.</i> Snider, E. F. <i>Prizeman.</i>		

## STUDENTS AND OCCASIONAL STUDENTS.

*Chemistry.*  
Murray, R. G.  
*Prizeman.*

COLLEGE PRIZE AND HONOR LISTS—*Continued.*

*Hebrew.*

- 1: Burns, W.  
*Prizeman.*
2. Carswell J.
3. Beckett, J.
4. Fraser, M.

COMPOSITION.

1863....

<i>Latin Verse.</i>	<i>English Verse.</i>
McNish, N. B. A.	Squire, G. II.

SPECIAL PRIZES.

ESTABLISHED BY THE COLLEGE COUNCIL,

and awarded by the College Literary and Scientific Society.

*Public Speaking.*  
King, J. W.

*Public Reading.*  
Fleming, W. B.

*English Essay.*  
King, J. W.

## SECTION X.—FEES.

The following is the scale of Fees for Lectures :

For Matriculated Students in Arts, Civil Engineering or  
Agriculture :

For Academic year .....	\$10 00
For Michaelmas Term .....	5 00
For Easter Term .....	7 00

For Non-Matriculated Students :

*For one Course of Lectures :*

Six or five in each week, for Academic year.....	\$6 00
“ “ for Michaelmas Term...	3 00
“ “ for Easter Term .....	4 00
Four or three in each week, for Academic year.....	4 00
“ “ for Michaelmas Term...	2 00
“ “ for Easter Term .....	3 00
Two or one in each week, for Academic year .....	3 00
“ “ for Michaelmas Term...	1 50
“ “ for Easter Term.....	2 50

*For three Courses of Lectures :*

The foregoing fees with a reduction of One Dollar for each course for Academic year ; or Half-a-Dollar for each course per Term.

*For all the Courses :*

For Academic year .....	\$20 00
For Michaelmas Term.....	10 00
For Easter Term .....	12 00

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\*II.  
\*GE  
\*J. I  
\*DA  
\*RE  
\*E.  
\*JA  
\*G.  
J. M

UNIVERSITY COLLEGE, TORONTO.

1864-65.

*Visitor :*

HIS EXCELLENCY, THE RIGHT HON. VISCOUNT LORD MONCK,  
Governor-General of British North America, &c., &c.

*President :*

REV. JOHN McCAUL, LL.D.

*Vice-President.*

(Vacant.)

*Professors, &c.*

- |                          |  |
|--------------------------|--|
| *REV. JOHN McCAUL, LL.D. | { <i>Professor of Classical Literature.<br/>Logic, and Rhetoric.</i>                     |
| *REV. JAMES BEAVEN, D.D. | { <i>Professor of Metaphysics &amp; Ethics.</i>  |
| *H. H. CROFT, D.C.L.     | { <i>Professor of Chemistry and Experimental<br/>Philosophy.</i>                         |
| *GEORGE BUCKLAND, Esq.   | { <i>Professor of Theory and Practice<br/>of Agriculture.</i>                            |
| *J. B. CHERRIMAN, M.A.   | { <i>Professor of Natural Philosophy.</i>  |
| *DANIEL WILSON, LL.D.    | { <i>Professor of History and English<br/>Literature.</i>                                |
| *REV. WM. HINCKS, F.L.S. | { <i>Professor of Natural History.</i>   |
| *E. J. CHAPMAN, Ph. D.   | { <i>Professor of Mineralogy &amp; Geology.</i>  |
| *JAMES FORNERI, LL.D.    | { <i>Professor of Modern Languages.</i>  |
| *G. T. KINGSTON, M. A.   | { <i>Professor of Meteorology, and<br/>Director of the Magnetical Ob-<br/>servatory.</i> |
| J. M. HIRSCHFELDER, Esq. | { <i>Lecturer on Oriental Literature.</i>  |

*Bursar :*

DAVID BUCHAN, Esq.

*Printer, Bookseller and Stationer :*

MR. ROWSELL.

*Bedel :*

T. C. JOY.

\* Members of the College Council.

## \*GRADUATES.

	M.D.		M.A.
4	1859. Walker, N. O.	1864.	Cooper, G.
	1861. †Tisdell, F. B.	"	Frisby, E.
		"	Gibson, J. Morrison.
		"	Hubbert, J.
3		"	Loudon, J.
	M.A.	"	McMurrich, W. B.
	1856. Brown, J.	"	McNish, N.
	" Marling, S. A.	"	Withrow, Rev. W. H.
	" McKeown, J.	"	Woods, S.
	1857. McGregor, C. J.		
	" English, C. E.		
	" Crombie, E.		
	1858. Blake, D. E.		
	" Jones, C.	1858.	LL.B.
	" Tassie, W.	"	Hodgins, T.
2	" Crombie, M. M.	"	Bowlby, W. H.
	" Kingsmill, N.	"	English, C. E.
	" McNabb, A.	"	Crombie, M. M.
1	" Cattnach, A. J.	1862.	Stanton, W. I.
	" Sanderson, Rev. J. E.	1864.	Holcomb, J. W.
	" Bowlby, W. H.		Farewell, J. E.
	" Francis, W. S.		
	1859. Hume, Rev. R.		M.B.
	" Hodgins, T.	1859.	Barnhart, C. E.
4	" Walker, N. O.	"	Francis, W. S.
	" Moss, T.	1860.	Martyn, DeW. II.
	" Paul, C. D.	1863.	McCool, D. B.
	" †Tisdell, F. B.	"	Governton, W. H.
3	1860. Kennedy, G.	1864.	Kelly, M. J.
	" Kerr, W. H. C.	"	Sill, A.
	" Fitch, B. F.		
2	" Holcomb, J. W.		B.A.
	" Waters, D.	1854.	Bayly, R.
	1861. Sullivan, R.	"	Wells, R. M.
	" Boyd, J. A.	"	Thom, J.
1	" Fraser, J. T.	"	Trew, N. M.
	1862. Reeve, W. A.	1856.	Matheson, R.
4	1863. Wadsworth, J. J.	"	Matheson, T. G.
	" Hatton, J. C.	1857.	Oliver, W.
	" McLellan, J. A.	"	Burns, N.
	" Wilson, A. L.	"	Ross, J.
		"	McDermid, P.

\*Formerly Matriculated Students in Arts of University College. †Deceased.

GRADUATES—Continued.

	B.A.		B.A.
1857.	Bull, T. H.	1861.	Ormiston, D.
"	Smith, J. F.	"	Ross, J. B.
1858.	Rattray, W. J.	"	Thom, J. H.
"	McNaughton, T.	"	Turnbull, J.
"	Milroy, W.	1862.	Gibson, J. Monro.
1859.	McDougall, J. L.	"	Hagar, C.
"	Mitchell, J.	"	Buchan, J. M.
"	Tassie, H.	"	Crawford, W. G.
"	Applebe, R. S.	"	McFayden, C.
"	Monserrat, N.	"	Rogér, W. M.
1860.	Rock, W.	"	Tytler, W.
"	Scott, W. H.	"	Fisher, J.
"	Green, G.	"	Reeve, R.
"	Ross, D. W.	"	Strang, H.
"	†Ogden, I. O.	1863.	Burkitt, T. H.
"	Sinclair, W.	"	Hector, A.
"	White, J.	"	Lafferty, A.M.
1861.	Gillespie, A.	"	McWilliams, W. G.
"	Lount, S.	"	Mulock, W.
"	Grant, A.	"	Oldright, W.
"	Grant, G.	"	Scott, T. H.
"	McGee, R.	"	Wright, T. W.

MATRICULATED STUDENTS. 63-64

Aberdeen, R.	Bigg, E. M.
Adams, J.	Black, D.
Anderson, A.	Bowers, J. E.
Anderson, H.	Bowman, J.
Austin, J.	Brunel, G.
Baker, J.	Bryce, G.
Baldwin, R.	*Buchan, H. E.
Baldwin, R. R.	Buchanan, C. H.
Barker, P. M.	Burnham, E. L.
Beith, A.	Cameron, R.
Bell, C. W.	Campbell, A. F.
*Bell, J. W.	Campbell, J.
Bemiss, D.	Campbell, W. C.

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MATRICULATED STUDENTS—*Continued.*

Cassels, W. G. P.	Gundy, J. R.
Chapman, O. H.	Hagar, J. M.
Christie, A. J.	*Harbottle, R.
Clarke, H.	†Harley, J.
Clerke, C.	Harrison, F.
Connon, C. H.	Hill, H. R.
*Connor, J. W.	Hill, J.
†Constantinides, P.	Hill, A. C.
*Craig, T. D.	Hodgson, J.
Crawford, E. P.	Hope, R.
Croly, J. E.	Howland, O. A.
Curry, J.	Hudson, R. S.
Davidson, W.	Hughes, J. H.
Delamater, H.	Hunter, D.
Delamere, T. D.	Jackes, A.
Dixon, H.	Jackes, C. B.
Douglass, R. D.	Jacques, T.
Douglass, W.	Junor, D.
Dowsley, A.	*Keefe, W. N.
Eccles, F. R.	*King, J. W.
Eccles, W. H.	King, A. McP.
Falconbridge, W. J.	King, F.
*Ferguson, J.	King, R.
Fitzgerald, W.	Kitchen, E. E.
*Fleming, W. B.	Langrill, J.
Forrest, W.	†Langs, W. S.
Foster, S.	Ledyard, W. E.
Galbraith, J.	Lount, G.
Gilbert, J. H.	Lynch, J.
Goodell, R. H.	Magee, J.
Goodwillie, G.	Malloy, J.
Gould, J. E.	McBride, W.
Graham, W.	McCarthy, J. L. C.
Grandy, J.	McConnell, J.
Greenlees, A.	McCullough, J.
Greer, G. M.	McCurdy, W. H.
Grote, G. W.	McDiarmid, W.
*Grover, T.	McInnis, D. J.
Gouinlock, W. J.	McKee, J.

## MATRICULATED STUDENTS—Continued.

McKenzie, M.	*Robertson, T. J.
McKinnon, A.	Ross, W. G.
McLennan, F.	*Rossin, J.
McLennan, P. S.	*Rutledge, J.
†McLaughlin, J. W.	Sanson, J.
*McMllan, J.	Scholefield, D.
Mewburn, H.	Scott, R. G.
Mickle, W. J.	*Seymour, F. E.
Middleton, W. C.	*Sharpe, W.
Miller, A.	Shaw, A.
Miller, W.	Sills, O.
Miller, J. H.	Sinclair, J.
Mitchell, G. A.	†Sinclair, L. C.
Moderwell, M. C.	Smale, L. B.
Montgomery, J.	Smiley, J.
Moore, E. D.	Smythe, E.
Morgan, J. C.	Snider, E. F.
Muir, J. A.	*Spotton, H. B.
Murray, W.	Squire, G. H.
Murray, R. G.	Srigley, N.
Newman, J.	Stevenson, R. A.
†Newman, J. B.	Stewart, McL.
Oronhyatekha.	Stubbs, J.
Passmore, W.	Tamblyn, W. W.
Patterson, E. G.	Taylor, H.
Paterson, J. A.	Tempest, W.
Pentland, W.	Thompson, J. B.
Phillips, J. W.	Tisdell, J.
Platt, G. D.	Traver, A. J.
†Potts, F. R.	Tyner, A. C.
Pruyn, D.	Tyrwhitt, J.
Rae, F.	†Vail, C.
Reid, D.	*Vandersmissen, W.
Rennie, G.	Walker, W. F.
Ridout, G.	Wallace, J.
Reesor, F. A.	Wardrope, R.
Robinson, L. C.	Watson, R.
Robertson, J.	White, J.
Robertson, L. H.	†Whiteside, W. M.

MATRICULATED STUDENTS—*Continued.*

Williams, A.	Woodside, H.
Williams, C.	Woolverton, A.
Wilson, G.	Wright, A. H.
*Wilson, J. S.	Yale, H.
†Winn, T. B.	Young, H. B.

## STUDENTS.

Baikie, J.	Mitchell, W.
Barrett, C.	Mooney, D. H.
Boyer, C.	Morton, W.
Buchanan, R.	Pearen, J.
Burns, J.	Richardson, H.
Clark, N.	Robertson, J.
Crozier, J.	Rodman, J.
Currie, H.	Rolsten, H.
Dicken, C. W.	Sloane, A. C.
Dillabough, J. M.	Smith, D.
Dixon, A.	Sparks, T.
Dixon, R.	Spragge, E. D.
Gissing, A.	Taylor, G. H.
Hanavan, M.	Tucker, A.
Howard, J. H.	Warden, R. H.
Hunter, C. A.	Watt, W.
Kennedy, J. E.	Wickham,
Magoffin, B.	Wiley, F.
McBain, J. A. F.	Wheeler, W.
McCrae, K.	Workman, J.
McLinton, N.	Young, B. L.

## OCCASIONAL STUDENTS.

Allison, J.	Beatty, J.
Armour, W.	Beckett, J.
Aull, J.	Brown, W.
Baldwin, W. A.	Burke, J.
Battersby, L. C.	Burnett, D.

OCCASIONAL STUDENTS—*Continued.*

Burns, W.	Lorimer,
Butt, E.	Maskellor,
Calder, J.	McKay, A.
Carswell, J.	McKee, E.
Carter, R.	McLean, A.
Colwell, J.	McNabb, J.
Croll, R.	McNish, N.
Crozier, H. B.	Munroe, J. M.
Davidson, A. C.	Palmer, R.
Denny, A. K.	Prichard, J.
Dennison, W. G.	Reeve, E.
Dickson, G. A.	Riley, J.
Dixon, J. F.	Robinson, R.
Donglass, J.	Robinson, T.
Dow, W.	Roger, W. M.
Edmundson, J.	Ross, D.

## REGULATIONS RELATIVE TO RESIDENT STUDENTS.

1. The resident Students are under the immediate charge of the Dean of Residence, Professor Buckland.
2. Graduates, formerly members of the College, and Matriculated Students in Arts, Civil Engineering or Agriculture, attending Lectures in the College, are admissible as Residents.
3. Each Student on entrance is required to sign his name in the Dean's book to a declaration that he will conform to the Statutes and Regulations relative to Resident Students.

THE MACDONALD BURSARY,  
1864-67.

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JOHN MACDONALD, Esq., M. P. P., being desirous of encouraging youths of talent in the public schools in the City of Toronto to avail themselves of the facilities for higher education, which University College affords, and especially to stimulate the boys at the City Common Schools to aim at obtaining the requisite preparatory training for the University, has appropriated the sum of \$160, for the purpose of establishing an Exhibition in University College, Toronto, during the next four years, subject to the following conditions :—

The Bursary shall be for the benefit of the sons of tradesmen and mechanics, citizens of Toronto, a preference being given to those who have received their primary education at the City Common Schools.

The sum of \$40 shall be awarded to the candidate ranking highest in general proficiency at the University Matriculation, in September next, the son of a citizen of Toronto, as specified above, who shall not have taken any University Scholarship. It shall be paid him in two sums of \$20 each, the first on his matriculating in University College, and the second on his passing the examination at the close of the Michaelmas Term, on his producing satisfactory evidence of good conduct and moral character.

The sum of \$40 shall be awarded in like manner, at the beginning and close of the Michaelmas Term in the three following years, to a Student of University College, of the second, third, and B.A. years, being the son of a citizen of Toronto as specified above, and not taking a University Scholarship for the year, according to his standing in general

proficiency in the College Terminal Examinations ; the holder of the first year's "Macdonald Bursary," being eligible as a candidate for it throughout his course, and having the preference in case of equality.

Should the "Macdonald Bursary" fail to be taken by any qualified candidate during either of the specified years, it shall be again competed for on the same terms in the following year ; and in case of its being forfeited by misconduct, it shall be awarded to the qualified candidate next in standing.

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