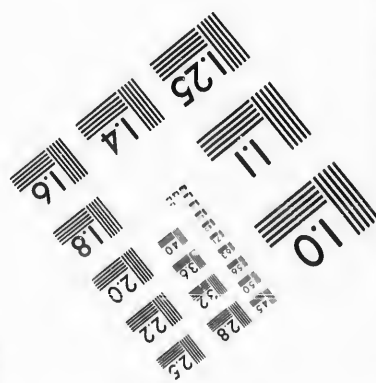
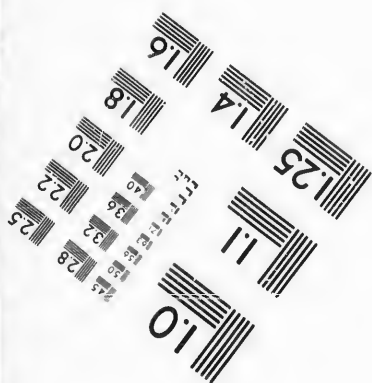
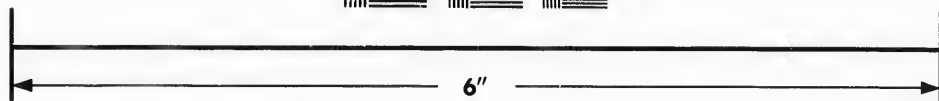
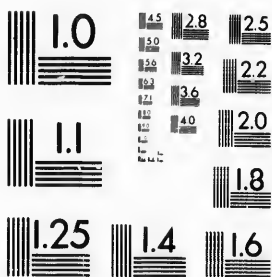


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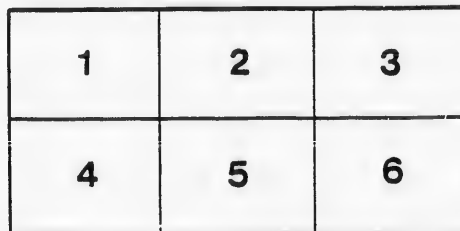
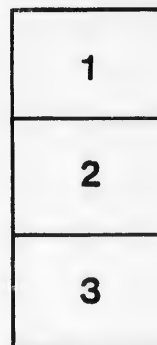
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REPORT ON THE ORGANIZATION

— OF —

M<sup>C</sup>MASTER UNIVERSITY

AND OTHER

MATTERS PERTAINING THERETO

*Revised*

SUBMITTED TO THE

SENATE AND BOARD OF GOVERNORS

MARCH 6TH, 1889.

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## Report on the Organization of McMaster University AND OTHER MATTERS PERTAINING THERETO.

*To the Senate and the Board of Governors,  
McMaster University:*

GENTLEMEN:—The following report on the organization of McMaster University and other matters pertaining thereto, is submitted for your consideration and action, at your meeting to be held at McMaster Hall, Wednesday, March 6th, 1889.

Your attention is especially called to the following points in the report:

1. In the Act incorporating McMaster University, Sec. 12), the power to confer degrees vested in the Senate is conditional as follows: "Provided the course of study prescribed for Matriculation into the said University shall in no essential sense differ or vary from that prescribed for Matriculation into the University of Toronto; and in respect to any degree which the said Senate has power to confer, the course of instruction and the scope of the examination for such degree shall be as thorough and comprehensive as the courses and examinations for corresponding degrees in the University of Toronto." This makes it imperative upon the Senate in prescribing the Curriculum and Courses of instruction for McMaster University to make a careful examination of the Curriculum and Courses of instruction in Toronto University. To assist in making this examination I have given in this report in full, from official documents, the Pass Course and three departments of the Honor Course, of the Curriculum of Toronto University.

2. To assist in making the necessary comparison between the Curriculum and Courses of instruction of the Toronto University, and the proposed Curriculum and Courses of instruction for McMaster University, I have given, in full, on pages 6-9, the Pass Course of Toronto University, side by side with the proposed Courses for the degree of Bachelor of Arts and of Bachelor of Theology, in McMaster University. I have also given tables showing the number of lectures per week delivered upon the subjects of the Curriculum of Toronto University, and the proposed number of lectures per week to be delivered upon the subjects of the proposed Courses for McMaster University. To this is added notes calling attention to points of comparison, important to be observed.

3. In the organization of McMaster University the Theological Department must receive the special consideration of the Senate and of the Board of Governors. This is binding upon them in view of the special provision in Mr. McMaster's Will, which is as follows: "That the balance of such income, after payment of all

necessary expenses and outgoings connected with the administration of my estate, shall be paid over from time to time as the same shall come to the hands of my said trustees, to the Board of Governors of the said University, to be by them employed for the purposes of the promotion of the work of the said University, as and how shall seem to them best; provided, however, that in order to secure to Toronto Baptist College not less than the amount I am now paying thereto, which I feel bound to provide, shall always be assured thereto, the said Board of Governors shall devote not less than Fourteen thousand five hundred dollars per annum of the moneys which shall become payable to them hereunder to the proper purposes of Toronto Baptist College, as the Faculty in Theology of the said University."

This provision makes it imperative that not less than \$14,500 be devoted annually to the "proper purposes of Toronto Baptist College." In interpreting, however, this provision, careful note must be made of what is included in the "proper purposes of Toronto Baptist College." What this includes can be interpreted only by taking into full account the extent and nature of the work done by the College during the lifetime of Mr. McMaster, and under his own immediate supervision as Chairman of the Board of Trustees. The attention of the Senate and of the Board is therefore directed to a careful examination of the work done by the College when the amount named in the Will was required annually for its support. For information on this point, reference should be made to the Catalogues of the College for 1884-85 and 1885-86. In this connection attention is also directed to a careful comparison of the proposed Course of instruction for Toronto Baptist College as a department of McMaster University with the Courses contained in the Catalogue of the College for 1885-86. This comparison will make apparent that the proposed Course includes all the work that was done by the College at the time when the aggregate annual salaries amounted to \$14,500. This, without doubt, is the time to which the provision of the Will refers. In examining the proposed Course it will be seen that it contains much more than is included in the former Courses, and must therefore add materially, if adopted, to the amount of work done by the College.

4. Special attention is directed to the facts presented in this report with reference to the opening, at an early date, of the Arts Department of the University, the erection of an additional building for Moulton Ladies' College, and the erection of an additional building in connection with McMaster Hall for the accommodation of the Arts Department.

Pass Course in Toronto University for the  
Degree of Bachelor of Arts.

FIRST YEAR.

- GREEK.**—Demosthenes, Philipics I, II; Homer, Odyssey, VII; Greek Grammar.
- LATIN.**—Livy, B. x<sup>III</sup>; Horace, Odes, I; Translation from English into Latin Prose; Latin Grammar; Translation, with aid of dictionaries, of easy passages from Latin authors not specified.
- HISTORY.**—1. The origin and various sources of civilization. 2. From the Persian War to the Achean League, inclusive. Grote, chaps. xxxv, xxxvi, xxxviii, xlii, xlv, xlvi, lxvi, lxxi, lxxvii, lxxix, lxxxvi, xci; Thirlwall, Chaps. lx, lxiii, lxx. 3. Mommsen, B. III, Chaps. i-vi, xiii, xiv; B. IV, Chaps. xi, xii; Merivale, History of Romans, chaps. xxxi-xxxiv, xxxvii-xli, li, lxi, lxvii.
- ENGLISH.**—History and Etymology of the English Language; Rhetoric; History of English Literature, temp. Elizabeth and James I; Shakespeare, Critical Reading of As You Like It.
- FRENCH, or GERMAN, or HEBREW.**—*French*: Grammar; Dictation; Composition; Translation of unspecified passages; Outline of the History of French Literature; Scribe, Le Verre d'Eau.
- German*: Grammar; Dictation; Composition; Translation of unspecified passages; Outline of the History of German Literature; Schiller, Belagerung von Antwerpen; Die Kraniche des Ibycus.
- Hebrew*: Essentials of Hebrew Grammar; Genesis, I, II, III, xxiv, xxxvii, xlii; Exodus, xx, xxxii; Numbers, xxiii; I Samuel, xvii; II Samuel, xiv; Translation of easy sentences from English into Hebrew.
- MATHEMATICS.**—Algebra, Equations, Proportion, Progressions; Euclid, B. IV, VI, and definitions of B. V; Trigonometry, as far as solution of Plane Triangles.
- NATURAL SCIENCES.**—*Chemistry*, Elementary Inorganic Chemistry; *or*, *Biology*, Rudiments of Animal and Vegetable Physiology and Morphology; *or*, *Geology*, Elementary Geology (including Elements of Physical Geography and Palæontology).

SECOND YEAR.

- GREEK.**—Sophocles, Antigone; Plato, Crito; Demosthenes, de Falso Legatione; Greek Grammar; Translations, with aid of dictionaries, of easy passages from Greek authors not specified; Translations from Greek authors not specified.
- LATIN.**—Cicero, 2nd Philippic; Livy, B. II; Translations from English into Latin Prose; Latin Grammar; Translations, with aid of dictionaries, of easy passages from Latin authors not specified.
- HISTORY.**—Mediæval History, Italy, France, Spain, England, Scotland, Ireland; Intrusion of the Barbarians on the Roman Provinces; the Crusades; the rise of the Ottoman Power.
- FRENCH, or GERMAN, or HEBREW.**—*French*: Grammar; Dictation; Composition; Translation of unspecified passages; History of French Literature in the 19th Century; Ponsard, Charlotte Corday; About, La Fille du Chamoine, and La Mère de la Marquise.
- German*: Grammar; Dictation; Composition; Translation of unspecified passages; History of German Literature (Goethe and Schiller); Schiller, Wilhelm Tell; Lessing, Laocöon.
- Hebrew*: Grammar, continued, word formation and syntax more fully treated; Psalms, I, II, VIII, XIX, XXIII; I Kings, v-viii; II Kings, xviii, xix; Hosea, IV, V; Amos, V, VI; Isaiah, I-VI, xii, xiv; Translation of easy passages at sight; Exercises in Hebrew Composition.
- PHYSICS.**—Elements of Physics, Dynamics, and Hydrostatics. Only definitions and statement of principles, with simple illustrations, will be required.
- LOGIC, or MENTAL PHILOSOPHY.**—*Logic*: Names, Notions, Propositions, Syllogisms.
- Mental Philosophy*: Psychology (Sully).

Honor Course in the Department of Classics in  
Toronto University for the Degree of B.A.

FIRST YEAR.

- GREEK.**—Demosthenes, Philipics I, II; Homer, Odyssey VII; Demosthenes, Philipics III; Pro Rhodüs. Homer, Odyssey III; Translation from English into Greek Prose; Greek Grammar and Philology; Translation from Greek authors not specified.
- LATIN.**—Livy, B. xxiii; Horace, Odes, I; Cicero, Pro Sestio and Tusculan Disputations, IV; Virgil, Georgics, B. I; Translation from English into Latin Prose; Latin Grammar and Philology; Translation from Latin authors not specified.
- ENGLISH.**—History and Etymology of the English Language; Rhetoric; History of English Literature, temp. Elizabeth and James I; Shakespeare, Critical Reading of As You Like It.
- MATHEMATICS.**—Algebra; Equations, Proportions, Progressions; Euclid, B. IV, VI, and definitions of B. V; Trigonometry as far as Solution of Plane Triangles.
- NATURAL SCIENCE.**—1. *Chemistry*; Elementary Inorganic Chemistry; *or*, *Biology*; Rudiments of Animal and Vegetable Physiology and Morphology; *or*, *Geology*; Elementary Geology. 2. *Or*, instead of either of the foregoing, *Hebrew*: Essentials of Hebrew Grammar; Genesis I, II, III, xiv, xxxvii, xlii; Exodus xx, xxxii; Numbers xxiii; I Samuel xvii; II Samuel xiv; Translation of easy sentences from English into Hebrew.

SECOND YEAR.

- GREEK.**—Sophocles, Antigone; Plato, Crito; Demosthenes, de Falso Legatione; Euripedes, Alcestit; Thucydides, B. III; Translation from English into Greek Prose; Greek Grammar and Philology; Translation from Greek authors not specified.
- LATIN.**—Cicero, 2nd Philippic; Livy, B. II; Virgil, Æneid, VI; Tacitus, Histories, I; Horace, Odes, II, IV; Translation from English into Latin Prose; Latin Grammar and Philology; Translation from Latin authors not specified.
- PHYSICS OR HEBREW.**—*Physics*: 1. Elements of Statics, Dynamics, and Hydrostatics; (Only definitions and statement of principles with simple illustrations will be required) *Or*, 2. *Hebrew*: Hebrew Grammar continued; Word Formation and Syntax more fully treated; Psalms I, II, VIII, XIX, XXIII; I Kings v-viii; 2 King xviii, xix; Hosea, IV, V; Amos v, VI; Isaiah I-VI, xii, xiv; Translation of easy passages at sight; Exercises in Hebrew Composition.
- Logic.*—Names, Notions, Propositions, Syllogisms.



**Honor Course in the Department of Mathematics and  
Physics in Toronto University for the  
Degree of B.A.**

FIRST YEAR.

1. **GREEK**.—Demosthenes, Philippics 1, II; Homer, *Odyssey* VII; Greek Grammar; or
2. **FRENCH AND GERMAN**.—*French*: Grammar, Dictation, Composition, Translation of unspecified passages, Outlines of the History of French Literature, Scribe, *Le Verre d'Eau*. *German*: Grammar, Dictation, Composition, Translation of unspecified passages, Outlines of the History of German Literature, Schiller, *Belagerung von Antwerpen*; *Die Kranche des Ibycus*.
- LATIN**.—Livy, B. XXIII; Horace, *Odes*, I; Translation from English into Latin Prose; Latin Grammar; Translation with aid of dictionaries of easy passages from Latin authors not specified.
- ENGLISH**.—History and Etymology of the English Language; Rhetoric; History of English Literature, temp. Elizabeth and James I; Shakespeare, *Critical Reading of As You Like It*.
- NATURAL SCIENCES**.—*Chemistry*, Elementary Inorganic Chemistry; or *Biology*, Rudiments of Animal and Vegetable Physiology and Morphology; or *Geology*, Elementary Geology.
- MATHEMATICS**.—Algebra, omitting Theory of Probability; Plane Trigonometry; Analytical Conic Sections; (Salmon's, omitting the a...

SECOND YEAR.

- LATIN**.—Cicero, 2nd Philippic; Livy, B. II; Translation from English into Latin prose; Latin Grammar; Translations with aid of dictionaries of easy passages from Latin authors not specified.
- LOGIC**.—Names, Notions, Propositions, Syllogisms.
- MATHEMATICS**.—Newton's *Principia*, Sec. I (Main's Ed.); Differential Calculus (Williamson); Integral Calculus (Williamson); Solid Geometry, Salmon—the selected course for Junior Readers, omitting methods of abridged notation; Spherical Trigonometry, Todhunter; Theory of Equations.

**Honor Course in the Department of Mental and Moral  
Philosophy and Civil Polity in Toronto Univer-  
sity, for the Degree of B.A.**

FIRST YEAR.

- GREEK**.—Demosthenes, Philippics, I, II; Homer, *Odyssey*, VII, Greek Grammar
- LATIN**.—Livy, B. XXIII; Horace *Odes*, I; Translations from easy English into Latin Prose; Latin Grammar; Translations, with aid of dictionaries, of easy passages from Latin authors not specified.
- ENGLISH**.—History and Etymology of the English Language; Rhetoric, History of English Literature, temp. Elizabeth and James I; Shakespeare, *Critical Reading of As You Like It*.
- HISTORY**.—1. The origin and various sources of Civilization. 2. From the Persian War to the Achaen League, inclusive. Grote, chaps. XXXV, XXXVI, XXXVIII, XLII, XLIV, XLVI, LXXI, LXXVII, LXXIX, LXXXVI, XCI; Thirlwell, chaps. LX, LXIII. 3. Mommsen, B. III, chaps. I-VI, XIII, XIV; B. IV chaps XI-XII. Merivale, *History of Romans*, chaps. XXXI-XXXIV, XXXVII-XLI, LI, LXI, LXVII.
- FRENCH, or HEBREW**.—*French*: Grammar; Dictation; Composition; Translation of unspecified passages; Outlines of the History of French Literature; Scribe, *Le Verre d'Eau*, or  
*Hebrew*: Essentials of Hebrew Grammar; Genesis, I, II, III, XXIV, XXXVII, XLII; Exodus, IX, XXXII; Numbers, XXIII; I Samuel, XVII; II Samuel, XIV; Translations of easy sentences from English into Hebrew.
- GERMAN**.—Grammar; Dictation; Composition; Translation of unspecified passages; Outlines of the History of German Literature; Schiller, *Belagerung von Antwerpen*; *Die Kranche des Ibycus*.
- NATURAL SCIENCES**.—*Chemistry*: Elementary Inorganic Chemistry; or,  
*Biology*: Rudiments of Animal and Vegetable Physiology and Morphology; or,  
*Geology*: Elementary Geology.
- MATHEMATICS**.—Algebra, Equations, Proportion, Progressions, Euclid; B. IV, VI, and definitions of B. V; Trigonometry, as far as solution of Plane Triangles.

SECOND YEAR.

- GREEK**.—Sophocles: *Antigone*; Plato; Crito; Demosthenes; de Falso Legatione; Greek Grammar; Translation with aid of dictionaries of easy passages from Greek authors not specified.
- HISTORY**.—Medieval History; Italy, France, Spain, England, Scotland, Ireland; Intrusion of the Barbarians on the Roman Provinces; the Crusades; The rise of the Ottoman Power.
- FRENCH, or HEBREW**.—*French*: Grammar; Dictation; Composition; Translation of unspecified passages; History of French Literature in the 19th Century; Ponsard, *Charlotte, Corday*; About, *La Fille du Chanoine*, and *La Mère de la Marquise*; or  
*Hebrew*: Grammar continued; Word Formation and Syntax more fully treated. Psalms, I, II, VIII, XIX, XXIII; I Kings, V-VIII; II Kings, XVIII, XIX; Hosea, IV-V; Amos, V-VI; Isaiah, I-VI, XIII-XIV; Translation of easy passages at sight; Exercises in Hebrew Composition.
- GERMAN**.—Grammar; Dictation; Composition; Translation of unspecified passages; History of German Literature (Goethe and Schiller); Schiller *Wilhelm Tell*; Lessing, *Laocöon*.
- PHYSICS**.—Elements of Physics, Dynamics, and Hydrostatics. Only definitions and statement of principles, with simple illustrations will be required.
- LOGIC AND MENTAL PHILOSOPHY**.—*Logic*: Names, Notions, Propositions, Syllogisms.  
*Mental Philosophy*: Course of Lectures on Psychology (Sully's Psychology); Locke's *Essay on the Human Understanding*, Berkeley's *Principles of Knowledge*; Hume's *Treatise on Human Nature*, Book I, with Green's Introduction.

Pass Course, Continued.

THIRD YEAR.

**GREEK.**—Demosthenes, de Corona; Euripides, Hippolytus; Greek Grammar; Translation, with aid of dictionaries, of easy passages from Greek authors not specified.

**LATIN.**—Tacitus, Agricola; Juvenal, Satires I, III, IV, V; Translation from English into Latin Prose; Latin Grammar; Translation, with aid of dictionaries, of easy passages from Latin authors not specified.

**HISTORY.**—Modern History, England, Germany, France, Spain, United States, Canada, to peace of 1815.

**ENGLISH.**—History of the English Language; Milton, Lycidas; Dryden, to Sir Godfrey Kneller.

**FRENCH, or GERMAN, or HEBREW.**—*French:* Grammar; Dictation; Composition; Translation of unspecified passages; History of French Literature in the 17th and 18th Centuries; Voltaire, Valre; La Fontaine, Fables, B. I, II, III; Mérimée, Colomba; Brachet, Introduction to Etymological French Dictionary.

*German:* Grammar; Dictation; Composition; Translation of unspecified passages; History of German Literature in the 18th and 19th Centuries; Schiller, Thirty Years' War, B. III; Goethe, Goetz von Berlichingen.

*Hebrew:* Isaiah, XL, LI-LV, LX, LXIII; Jeremiah, XXI, XXV; Ezekiel, I, II; Micah, V; Nahum, III; Translation at sight and Composition continued; Hirschfelder's Hebrew Poetry.

**PHYSICS.**—Elements of Heat and Optics.

**MENTAL AND MORAL PHILOSOPHY.**—The Will; Theory of Obligation; Ethical Systems.

**CIVIL POLITY.**—Walker, Political Economy.

FOURTH YEAR.

**GREEK.**—Plato, Phædo; Xenophon, Hellenics I, II; Greek Grammar; Translations, with aid of dictionaries, of easy passages from Greek authors not specified.

**LATIN.**—Tacitus, Annals, XIII; Juvenal, Satires XI, XVI; Pliny, Epistle VII; Translation from English into Latin Prose; Latin Grammar; Translation, with aid of dictionaries, of easy passages from Latin authors not specified.

**ENGLISH.**—Principles of Composition, Grammar and Etymology; History of the Formation of the English Language; History of Literature from Dryden to Wordsworth; Wordsworth, Excursion, B. IV; Sonnets to Liberty, Part I, Nos. 4, 6, 8, 12, 14, 15; Coleridge, Ode to the Departing Year; France, An Ode.

**FRENCH, or GERMAN, or HEBREW.**—*French:* Grammar; Dictation; Composition; Translation of unspecified passages; History of French Literature prior to the 17th Century; Molière, L'Avare; Corneille, Horace; Racine, Athalie; La Bruyère, De La Cour, and Des Grands.

*German:* Grammar; Dictation; Composition; Translation of unspecified passages; History of German Literature prior to the 18th Century; Schiller, Maria Stuart; Goethe, Dichtung und Wahrheit, B. X, XI.

*Hebrew:* Psalms, XLII, XLV, XC, CXXI, CXXVII, CXXXIX; Proverbs, I-VIII, XVI, XXV; Job, III, IV, XIX, XXVIII; Ecclesiastes, XII; Lamentations, III; Nehemiah, I, VIII; Exercises continued.

**PHYSICS.**—Astronomy and Acoustics or Electricity and Acoustics.

**LOGIC AND CIVIL POLITY.**—*Logic:* Induction and the subsidiary operations

*Civil Polity:* Jealousy, Money and the Mechanism of Exchange; Rage-hot, the English Constitution.

Classical Course, Continued.

THIRD YEAR.

**GREEK.**—Demosthenes, de Corona; Euripides, Hippolytus; Plato, Republic I, II, III, IV; Aristotle, Nicom: Ethics I, II, IV, X; Aristophanes, Birds and Frogs; Translation from English into Greek Prose; Greek Grammar and Philology; Translation from Greek authors not specified.

**LATIN.**—Tacitus, Agricola; Juvenal, Satires I, III, IV, V; Pliny, Epistles, IV; Cicero, De Natura Deorum, I; Tacitus, Histories; Terence, Adelphi; Juvenal, Satires, VII, VIII, X; Translation from English into Latin Prose; Latin Grammar and Philology; Translation from Latin authors not specified.

**CIVIL POLITY, OR HEBREW.**—*Civil Polity:* Walker, Political Economy; or, *Hebrew:* Isaiah XL, LI-LV, LX, LXIII; Jeremiah XXI, XXV; Ezekiel I, II; Micah V; Nahum III; Translation at sight and Composition continued; Hirschfelder's Hebrew Poetry; Chaldee Grammar, Paradigms, in Baer's Text of Daniel and Ezra; Daniel II, III.

FOURTH YEAR.

**GREEK.**—Plato, Phædo; Xenophon, Hellenics, I, II; Herodotus, B. VII, VIII, IX; Thucydides, B. I, II, III, VI, VII, VIII; Æschines, against Ctesiphon; Demosthenes, on the Crown; Aristotle, Ethics, B. I, II, III, IV, VIII, IX, X; Aristotle, Politics, B. II; Plato, Apology; Republic, B. I, II, III, IV, VII, VIII, IX, X; Homer, Illiad, B. VI, XXII; Homer, Odyssey, B. IX, XVII; Æschylus, Prometheus, and Agamemnon; Sophocles, Ajax and Antigone; Aristophanes, Birds and Frogs; Theocritus, Idylls, XII, XV, XXIV; Theophrastus, Characters (Jebb's edition); Translation from English into Greek Prose; Greek Grammar and Philology; Translation from Greek authors not specified.

**LATIN.**—Tacitus, Annals, XIII; Juvenal, Satires, XI-XVI inclusive; Pliny, Epistles, VII; Sallust, Catiline; Livy, B. XXI-XXIV inclusive; Tacitus, Annals, B. I, II, III; Cicero, De Natura Deorum, Epistles ad Fam. B. IV; Pliny, Epistles, B. VI; Virgil, Æneid, B. II, IV, VI; Plautus, Aulularia; Terence, Adelphi; Horace, Odes, Epistles; Ars Poetica; Juvenal, Satires, III, IV, VIII; Catullus, IV, XXXI, LXIII, LXIV, LXV; Propertius, I, 20 and V, 11 (Paley's Text); Translation from English into Latin Prose; Latin Grammar and Philology; translation from Latin authors not specified.

**NOTE.**—In the Fourth Year of the Course the same parts of Authors read in former years are repeated.

## Mathematical Course, Continued.

### THIRD YEAR.

**CIVIL POLITY.**—Walker, Political Economy.

**PHYSICS.**—Elements of Heat and Optics; Analytical Statics, Minchin; Dynamics of a Particle, Tait and Steele; Newton's Principia, Sections II and III; Geometrical Optics; Hydrostatics, Bosant; Rigid Dynamics; Practical work in the Laboratory.

Candidates must present a certificate of having worked at least 40 hours in an approved physical laboratory.

### FOURTH YEAR.

**MATHEMATICS OR PHYSICS.**—(An option is allowed between elements of Astronomy and Acoustics, or of Electricity and Acoustics.) *Mathematics:* 1. Modern Geometry, Salmon's Conic Sections, Chaps. IV, IX, XIV, XV. 2. Higher Plane Curves, Salmon, Chaps. 1 to IV. 3. Higher Algebra, Scott's Determinants. 4. Differential Equations, Forsyth, Chaps. 1 to VIII. 5. Theory of Probability. 6. Plane Astronomy, Chauvenet. 7. Quaternions. *Or*

*Physics:* 1. Elasticity. 2. Hydrodynamics. 3. Acoustics. 4. Physical Optics, Verdet. 5. Thermodynamics, Clausius. 6. Electricity and Magnetism (Elementary Theory). 7. Method of Least Squares, (Wright). Practical work in Laboratory.

### Notes on the Foregoing Courses.

In comparing the foregoing Courses to determine their relative value, the following notes, with reference to each Course, should be carefully observed:

I. **PASS COURSE (a) In Latin** all the four Examinations must be passed.

(b) *In Greek* all the four Examinations must be passed. French and German, however, may be substituted for Greek in each year of the Course. Undergraduates exercising this option must take the Honor French or the Honor German of the second year, though not required to obtain in these subjects an Honor standing.

(c) *In Mathematics and Physics* the Examinations in the First, Second, and Fourth Years must be taken. In the Third Year this subject or that of Mental and Moral Philosophy and Civil Polity is required.

(d) *In English* the Examinations in the First, Third, and Fourth Years must be taken.

(e) *In History*, the Examinations in the First, Second and Third Years must be taken.

(f) *In French, German or Hebrew.* Each Undergraduate must take the Pass French or the Pass German or the Pass Hebrew of the First and Second Years in the First and Second Years respectively.

(g) *In Natural Sciences.* Each Undergraduate must take the Chemistry or the Biology or the Geology of the First Year in his First Year.

(h) *In Mental and Moral Philosophy, Logic and Civil Polity.* In the Second Year an option between the Logic and the Mental

## Mental Philosophy Course, Continued.

### THIRD YEAR.

**ENGLISH.**—History of the English Language; Milton, Lycidas; Dryden, to Sir Godfrey Kneller.

**HISTORY.**—Modern History, England, Germany, France, Spain, United States, Canada, to the peace of 1815.

**GERMAN.**—Grammar; Dictation; Composition; Translation of unspecified passages; History of German Literature in the 18th and 19th Centuries; Schiller, Thirty Years' War B. III; Goethe, Goetz von Berlichingen.

**MENTAL AND MORAL PHILOSOPHY.**—Lectures on the Will; Theory of Obligation, and the Moral Systems; (Caldwood's Handbook of Moral Philosophy); Green's Prolegomena to Ethics; History of Philosophy; Graeco-Roman and Medieval Periods; (Schweicer's Handbook of the History of Philosophy; Ucherweg's History of Philosophy, especially for the Scholastic Period; Zeller's History of Greek Philosophy from the earliest period to the time of Socrates; Socrates and Socratic Schools; Plato and the older Academy; Stoics, Epicureans, and Sceptics.)

**CIVIL POLITY.**—Fawcett, Manual of Political Economy; Cressy, Rise and Progress of the English Constitution; Holland, Elements of Jurisprudence.

### FOURTH YEAR.

**GERMAN.**—Grammar; Dictation; Composition; Translation of unspecified passages; History of German Literature prior to the 18th Century; Schiller, Maria Stuart; Goethe, Dichtung und Wahrheit, B. x-xi.

**LOGIC.**—Induction, and the subsidiary operations.

**MENTAL AND MORAL PHILOSOPHY.**—History of Philosophy, Modern; Work of previous years; (Reference to the works of the writers whose views come under consideration; special study of Kant's Critique of Pure Reason, and Critique of Practical Reason.)

**CIVIL POLITY.**—Mill, Principles of Political Economy; Maine, Ancient Law; Bourinot, Parliamentary Practice and Procedure chaps. 1, and xxii.

Philosophy is allowed. In the Third Year either this Department or that of Physics must be taken. In the Fourth Year the Examination in this Department must be taken.

II. **HONOR COURSE (a) Department of Classics.**—In this department the only subjects, in addition to Latin, Greek, and Oriental Languages, which must be taken to obtain the Degree of B. A., are the Pass Mathematics of the First Year, the Pass English of the First Year, and the Pass Logic of the Second Year. In case the oriental Languages are not taken a Natural Science of the First Year, Physics of the Second Year, and Civil Polity of the Third Year must be taken.

(b) *Department of Mathematics and Physics.*—In this department the only subjects, in addition to Mathematics and Physics, which must be taken to obtain the Degree of B. A., are the Pass Greek or Pass French and German of the First Year, Pass Latin of the First and Second Years, Pass English of the First Year, a Pass Natural Science of the First Year, Pass Logic of the Second Year, and Pass Civil Polity of the Third Year. The only subjects that must be taken in the Third Year are Physics and Civil Polity, and in the Fourth Year Mathematics or Physics.

(c) *Department of Mental and Moral Philosophy and Civil Polity.*—In this department the only subjects which must be taken, in addition to Mental and Moral Philosophy and Logic and Civil Polity, are Pass Latin, Pass Mathematics, and a Pass Natural Science of the First Year, Pass Greek of the First and Second Years, Pass English of the First and Third Years, Pass History of the First, Second and Third Years, Pass French or Hebrew of the First and Second Years, and Pass German of the First, Second, Third and Fourth Years.

**Pass Course in Toronto University for the Degree of Bachelor of Arts.**

**FIRST YEAR.**

- GREEK.**—Demosthenes, Philipides 1, II; Homer, Odyssey, VII; Greek Grammar.
- LATIN.**—Livy, B. XIII; Horace, Odes, 1; Translation from English into Latin Prose; Latin Grammar; Translation, with aid of dictionaries, of easy passages from Latin authors not specified.
- HISTORY.**—1. The origin and various sources of civilization. 2. From the Persian War to the Achaean League, inclusive. Grote, chaps. XXXV, XXXVI, XXXVIII, XLII, XLIV, XLVI, LXVI, LXXI, LXXVII, LXXXIX, LXXXVI, XCI; Thirlwall, Chaps. LX, LXVII. 3. Mommsen, B. III, Chaps. I-VI, XIII, XIV; B. IV, Chaps. XI, XII; Merivale, History of Romans, Chaps. XXXI-XXXV, XXXVII-XLII LI, LXI, LXVIII.
- ENGLISH.**—History and Etymology of the English Language; Rhetoric; History of English Literature, temp. Elizabeth and James I; Shakespeare, Critical Reading of *As You Like It*.
- FRENCH, or GERMAN, or HEBREW.**—French: Grammar; Dictation; Composition; Translation of unspecified passages; Outlines of the History of French Literature; Scribe, *Le Verre d'Eau*.  
German: Grammar; Dictation; Composition; Translation of unspecified passages; Outline of the History of German Literature; Schiller; *Belagerung von Anwerpern*; *Die Kraniche des Ibycus*.  
Hebrew: Essentials of Hebrew Grammar; Genesis, I, II, III, XXIV, XXXVII, XLII; Exodus, XX, XXXII; Numbers, XXXII; I Samuel XVII; II Samuel XIV; Translation of easy sentences from English into Hebrew.
- MATHEMATICS.**—Algebra, Equations, Proportion, Progressions; Euclid, B. IV, VI, and definitions of B. V; Trigonometry, as far as solution of Plane Triangles.
- NATURAL SCIENCES.**—Chemistry, Elementary Inorganic Chemistry; or, Biology, Rudiments of Animal and Vegetable Physiology and Morphology; or, Geology, Elementary Geology (including elements of Physical Geography and Palaeontology).

**SECOND YEAR.**

- GREEK.**—Sophocles, Antigone; Plato, Crilo; Demosthenes, de Falso Legatione; Greek Grammar; Translations, with aid of dictionaries, of easy passages from Greek authors not specified; Translations from Greek authors not specified.
- LATIN.**—Cicero, 2nd Philippic; Livy, B. II; Translations from English into Latin Prose; Latin Grammar; Translations, with aid of dictionaries, of easy passages from Latin authors not specified.
- HISTORY.**—Medieval History, Italy, France, Spain, England, Scotland, Ireland; Intrusion of the Barbarians on the Roman Provinces; the Crusades; the rise of the Ottoman Power.
- FRENCH, or GERMAN, or HEBREW.**—French: Grammar; Dictation; Composition; Translation of unspecified passages; History of French Literature in the 19th Century; Ponsard, *Charlotte Corday*; About, *La Fille du Chanoine*, and *La Mère de la Marquise*.  
German: Grammar; Dictation; Composition; Translation of unspecified passages; History of German Literature (Goethe and Schiller); Schiller, *William Tell*; Lessing, *Lacoon*.  
Hebrew: Grammar, continued, word formation and syntax more fully treated; Psalms I, II, VIII, XIX, XXIII; I Kings V-VIII; II Kings XXVIII, XXX; Hosea IV-V; Amos V, VI; Isaiah I-VI, XIII, XIV; Translation of easy passages at sight; Exercises in Hebrew Composition.
- PHYSICS.**—Elements of Physics, Dynamics, and Hydrostatics. Only definitions and statement of principles, with simple illustrations, will be required.
- LOGIC OR MENTAL PHILOSOPHY.**—Logic: Names, Notions, Propositions, Syllogisms.  
Mental Philosophy: Psychology.

**Proposed Course for the Degree of Bachelor of Arts in McMaster University.**

**FIRST YEAR.**

- GREEK.**—Demosthenes, Phil. I; Herodotus, Bk. VI (or Selections); Plato, Apology of Socrates; Greek Grammar; Sidgwick's Greek Prose Composition; Greek Literature.
- LATIN.**—Cicero, Tusculan Disputations, I; Livy, Book II (or XXI); Selections from Latin Fathers; Latin Hymns; Latin Grammar; Latin Prose, Bradley Completed; Roman Antiquities.
- ENGLISH.**—One\* of Tennyson's Idylls of the King; Wordsworth's Ode On Intimations of Immortality, six of the Sonnets of Liberty, Ode to Duty; Selections from Burns, Cowper, Southey, Campbell, as contained in Palgrave's Golden Treasury; Specimens of Modern Hymns; Matthew Arnold's Literary Influence of Academies; Macaulay or De Quincey, "one essay"; Lamb, Selections from Essays of Elia; Rhetoric; Composition Exercises every week; Historical Grammar, Morris, chaps. 1-10; History of English Literature, the Modern Period.
- GERMAN.**—Grammar; Dictation; Composition; Translation of unspecified passages; Outline of the History of German Literature; Schiller; *Belagerung von Antwerpen*; *Die Kraniche des Ibycus*; Select German Hymns.
- MATHEMATICS.**—Algebra; Equations, Proportion, Progressions, Combinations, Binomial Theorem; Undetermined Coefficients (Wells). Geometry, Plane and Solid (Wentworth), with Problems. Trigonometry; Plane Trigonometry (Cherriman and Baker); Field work in Triangulation.
- BIOLOGY.**—Elements of Animal and Vegetable Histology, and Human Anatomy and Physiology.
- ENGLISH BIBLE.**—The Study of the New Testament.

**SECOND YEAR.**

- GREEK.**—Sophocles, Antigone (or Oedipus Tyrannus); Aeschylus, Prometheus Vinctus; The Fathers, Chrysostom, Selections; New Testament Greek, two Gospels; Greek Grammar; Sidgwick's Greek Prose Composition; Greek Literature.
- LATIN.**—Virgil, Georgics, I; Horace Odes, Selections; Sight Reading; Latin Grammar; Latin Prose, Wilkins; Latin Literature, Cruttwell.
- HISTORY.**—The beginnings of History (Lenormant); Ancient History of the East (Lenormant and Chevallier); Preparation for Christianity in the religious, philosophical, literary and political events of the preceding time.
- ENGLISH.**—Selections from Shelley, Byron, and Keats, as contained in Palgrave's Golden Treasury; Milton, "Lycidas and Sonnets"; Shakespeare, Julius Caesar, Twelfth Night, and Merchant of Venice; Specimen Hymns of this period; Burke, one Speech; Johnson, Life of Pope (edited by Arnold); Addison, "Select Essays"; Rhetoric; Composition Exercises every week; Historical Grammar, Morris, chaps. XI-XV; History of English Literature, the Period of Settlement.
- GERMAN.**—Grammar; Dictation; Composition; Translation of unspecified passages; History of German Literature (Goethe and Schiller); Schiller, *William Tell*; Lessing, *Lacoon*; Luther, Address to the Nobility of the German Nation (26 pages).
- PHYSICS.**—Statics and Dynamics of a Particle (Cherriman and Baker); General Properties of Matter, Hydrostatics, Hydrodynamics, Pneumatics; Acoustics, Heat, Optics, Electricity (Peck's Ganot, new edition), Laboratory work.
- CHEMISTRY.**—Elements of Inorganic Chemistry; Laboratory work, Qualitative Analysis.
- MENTAL SCIENCE.**—Mental Physiology (Carpenter); Psychology (Sully and Hill).

**Proposed Course for the Degree of Bachelor of Theology, in Toronto Baptist College as a Department of McMaster University.**

**FIRST YEAR.**

**GREEK.**—Demosthenes, Phil. I, II; Herodotus, Bk. VI (or Selections); Plato, Apology of Socrates; Greek Grammar; Sldgwick's Greek Prose Composition; Greek Literature.

**LATIN.**—Cicero, Tusculan Disputations, I; Livy, Book II (or XX); Selections from Latin Fathers, Latin Hymns; Latin Grammar; Latin Prose, Bradley Completed; Roman Antiquities.

**ENGLISH.**—One of Tennyson's idylls of the King; Wordsworth's Ode On Intimations of Immortality, six of the Sonnets of Liberty, Ode to Duty; Selections from Burns, Cowper, Southey, Campbell, as contained in Palgrave's Golden Treasury; Specimens of Modern Hymns; Matthew Arnold's Literary Influence of Academies; Macaulay or DeQuincey's Essay; Lamb, selections from Essays of Elia; Rhetoric; Comma; position exercises every week; Historical Grammar, Morris, position exercises every week; History of English Literature, the Modern Period, chaps. 1-X; History of English Literature, the Modern Period.

**HEBREW.**—A study, by the inductive method, of Gen. 1-14, with the grammatical forms and grammatical principles involved; the vocabulary of these chapters; the Hebrew vowel system; the scientific treatment of the strong verb and the system; treatment of the weak verbs in their relation to the strong; Exercises in turning Hebrew into English and English into Hebrew, in reading and pointing the unpointed text, and in conversation in Hebrew from the vocabulary of these four chapters.

**MATHEMATICS.**—Algebra; Equations, Proportion, Progressions, Permutations, Combinations, Binomial Theorem, Undetermined Coefficients (Wells). Geometry; Plane and Solid (Wentworth). Trigonometry; Plane Trigonometry (Cherriman and Baker); Field work in Triangulation.

**BIOLOGY.**—Elements of Animal and Vegetable Histology, and Human Anatomy and Physiology.

**ENGLISH BIBLE.**—The Study of the New Testament.

**SECOND YEAR.**

**GREEK.**—The Septuagint (25 pages); Selections from the Greek Fathers (25 pages); the four Gospels; the Epistles of Peter, Jude, James and John, and the Apocalypse.

**HISTORY.**—The beginnings of History (Lenormant); Ancient History of the East (Lenormant and Chevallier); Preparation for Christianity in the religious, philosophical, literary and political events of the preceding time.

**ENGLISH.**—Selections from Shelley, Byron, and Keats, as contained in Palgrave's Golden Treasury; Milton, "Lycidas and Sonnets; Shakespeare, Julius Caesar, Twelfth Night, and Merchant of Venice; Specimen Hymns of this period; Burke, one Speech; Johnson, Life of Pope (edited by Arnold); Addison, Select Essays; Rhetoric; Composition Exercises every week; Historical Grammar, Morris, chaps. XI-XV; History of English Literature, the Period of Settlement.

**HEBREW.**—Inductive method continued through Gen. V-VIII, with particular attention to noun formation and noun inflection; the accents; Ex. 1-14; Josh. 1-VI; Ruth, entire; 1 Sam. I, II, IV, V; Esther, entire; Hebrew Composition.

**PHYSICS.**—Statics and Dynamics of a Particle (Cherriman and Baker); General Properties of Matter, Hydrostatics, Hydrodynamics, Pneumatics; Acoustics, Heat, Optics, Electricity (Peck's Ganot, new edition), Laboratory work.

**MINERALOGY AND GEOLOGY.**—Blowpipe Analysis of Minerals; Physical Geography; Geology.

**MENTAL SCIENCE.**—Mental Physiology (Carpenter); Psychology (Sully and Hill).

**HOMILETICS.**—Introductory work.

**Present Courses of Study, Toronto Baptist College.**

**I. COURSE FOR UNIVERSITY GRADUATES.**

FIRST YEAR.	Hebrew Language, 3 hours. New Testament Greek, 3 hours. Historical Theology, 3 hours. Relation of Science and Religion, 2 hours. Christian Ethics and Didactics, 2 hours. Old Testament Interpretation in English, 3 hours. Homiletics, 1 hour.
SECOND YEAR.	
THIRD YEAR.	Hebrew Language, 3 hours. New Testament Greek, 3 hours. Historical Theology, 3 hours. Systematic Theology, 3 hours. New Testament Interpretation in English, 2 hours. Homiletics, 1 hour.
THIRD YEAR.	
THIRD YEAR.	Hebrew and Aramaic, 3 hours. Systematic Theology, 3 hours. Homiletics, 3 hours. Apologetics, 3 hours. Pastoral Theology and Church Polity, 2 hours.

**II. COURSE FOR NON-GRADUATES WITH HEBREW AND GREEK.**

FIRST YEAR.	Historical Theology, 3 hours. Mental Science, 4 hours. Rhetoric and Oratory, 3 hours. Christian Ethics and Didactics, 2 hours.
SECOND YEAR.	
THIRD YEAR.	Hebrew Language, 3 hours. New Testament Greek, 3 hours. Historical Theology, 3 hours. New Testament Interpretation in English, 3 hours. Homiletics, 1 hour.
THIRD YEAR.	
THIRD YEAR.	Hebrew Language, 3 hours. New Testament Greek, 3 hours. Systematic Theology, 3 hours. Relation of Science and Religion, 3 hours. Old Testament Interpretation in English, 3 hours. Homiletics, 1 hour.
THIRD YEAR.	
FOURTH YEAR.	Hebrew and Aramaic, 3 hours. Systematic Theology, 3 hours. Moral Ethics, 3 hours. Apologetics, 3 hours. Pastoral Theology and Church Polity, 2 hours.

**III. COURSE FOR NON-GRADUATES WITHOUT HEBREW OR GREEK.**

FIRST YEAR.	Historical Theology, 3 hours. Mental Science, 4 hours. Christian Ethics and Didactics, 2 hours. Rhetoric and Oratory, 3 hours.
SECOND YEAR.	
SECOND YEAR.	Historical Theology, 3 hours. Systematic Theology, 3 hours. Old Testament Interpretation in English, 3 hours. Relation of Science and Religion, 2 hours. Homiletics, 2 hours.
THIRD YEAR.	
THIRD YEAR.	Systematic Theology, 3 hours. Homiletics, 3 hours. Pastoral Theology and Church Polity, 2 hours. Apologetics, 3 hours. English Literature, 2 hours. New Testament Interpretation in English, 3 hours.
THIRD YEAR.	

Pass Course, Continued.

THIRD YEAR.

- GREEK.**—Demosthenes, de Corona; Euripides, Hippolytus; Greek Grammar; Translation with aid of dictionaries of easy passages from Greek authors not specified.
- LATIN.**—Tacitus, Agricola; Juvenal, Satires I, III, IV, V; Translation from English into Latin Prose; Latin Grammar; Translation, with aid of dictionaries, of easy passages from Latin authors not specified.
- HISTORY.**—Modern History, England, Germany, France, Spain, United States, Canada to peace of 1815.
- ENGLISH.**—History of the English Language; Milton, Lycidas; Dryden, to Sir Godfrey Kneller.
- FRENCH, or GERMAN, or HEBREW.**—*French:* Grammar; Dictation; Composition; Translation of unspecified passages; History of German Literature in the 18th and 19th Centuries; Schiller, Thirty Years' War, B. III; Goethe, Goetz von Berlichingen.
- German:* Grammar; Dictation; Composition; Translation of unspecified passages; History of German Literature in the 18th and 19th Centuries; Schiller, Thirty Years' War, B. III; Goethe, Goetz von Berlichingen.
- Hebrew:* Isaiah XL, LI-LV, LX, LXIII; Jeremiah XXI, XXV; Ezekiel I, II; Micah V; Nahum III; Translation at sight and Composition continued; Hirschfelder's Hebrew Poetry.
- PHYSICS.**—Elements of Earth and Optics.
- MENTAL AND MORAL PHILOSOPHY.**—The Will; Theory of Obligation; Ethical Systems.
- CIVIL POLITY.**—Walker, Political Economy.

FOURTH YEAR.

- GREEK.**—Plato Phædo; Xenophon, Hellenics I, II; Greek Grammar; Translations, with aid of dictionaries, of easy passages from Latin authors not specified.
- LATIN.**—Tacitus, Annals, XIII; Juvenal, Satires XI, XVI; Pliny, Epistle VII; Translation from English into Latin Prose; Latin Grammar; Translation, with aid of dictionaries, of easy passages from Latin authors not specified.
- ENGLISH.**—Principles of Composition, Grammar and Etymology; History of the Formation of the English Language; History of Literature from Dryden to Wordsworth; Wordsworth, Excursion, B. IV; Sonnets to Liberty, Part I, Nos. 4, 6, 8, 12, 14, 15; Coleridge, Ode to the Departing Year; France, An Ode.
- FRENCH, or GERMAN, or HEBREW.**—*French:* Grammar; Dictation; Composition; Translation of unspecified passages; History of French Literature prior to the 17th Century; Molière, L'Avare; Corneille, Horace; Racine, Athalie; La Bruyère, De La Cour, and Des Grands.
- German:* Grammar; Dictation; Composition; Translation of unspecified passages; History of German Literature Prior to the 18th Century; Schiller, Maria Stuart; Goethe, Dichtung und Wahrheit, B. X, XI.
- Hebrew:* Psalms XLII, XLV, XC, CXXI, CXXVII, CXXXIX; Proverbs I-VIII, XVI, XXV; Job III, IV, XIX, XXVIII; Ecclesiastes XII; Lamentations III; Nehemiah I, VIII; Exercises continued.
- PHYSICS.**—Astronomy and Acoustics or Electricity and Acoustics.
- LOGIC AND CIVIL POLITY.**—*Logic:* Induction and the subsidiary operations.
- Civil Polity:* Jevons, Money and the Mechanism of Exchange; Bagehot, The English Constitution.

Proposed B.A. Course, Continued.

THIRD YEAR.

- GREEK.**—Euripides, Alcestis; Thucydides, Bk. V; Theocritus, Selections; Demosthenes, de Corona; Greek Grammar; Greek Prose Composition (Sidgwick); Greek Literature.
- LATIN.**—Terence, Adelphi; Ovid, Selections; Tacitus, Histories, I; Latin Prose, Wilkins completed; Latin Literature, Crutwell.
- HISTORY.**—Origins of Christianity (Schaff and Fisher); Conflict between Christianity and Heathenism (Unihorn and Schaff); the Blending of Christianity with Egyptian, Greek, Persian, and Indian thought; History of early Christian Literature; Union of Church and State; the Byzantine Empire; the Disruption of the Western Empire by Barbarian Invasions; Rise and Growth of Islam; the Empire of Charlemagne; Feudalism; Development of the Papacy; The Holy Roman Empire; Crusades; Inquisition; Mediæval Philosophy, Science, Theology and Universities; Mediæval Monasticism; Mediæval Reforming Parties; the Revival of Learning; Growth of the Democratic Spirit.
- ENGLISH.**—Selections from Vaughan, Lovelace, Herrick, Ben Jonson, Marlowe, and Spencer, as contained in Palgrave's Golden Treasury; Shakespeare, Hamlet; Specimen Hymns of this Period; Bacon, Essays Of Truth, Of Adversity, Of Nobility, Of Travel, Of Innovation; Sir Thomas More, Utopia; Essays, with criticism, fortnightly; Historical Outlines of English Accidence, Morris, chaps. I-XII; History of English Literature, the Period of Transition.
- FRENCH.**—Grammar; Dictation; Composition; Translation of unspecified passages; Outline of the History of French Literature; Seribe, Le Verre d'Eau; La Fontaine, Books I and II; Bossuet, Selections.
- MATHEMATICS.**—Higher Algebra, completed (Wells); Geometry; Conic Sections (Salmon, chaps. I, II, V, VI, X, XI, XII); Trigonometry, Plane and Spherical (Todhunter).
- MENTAL AND MORAL SCIENCE.**—History of Philosophy (Schwegler); Calderwood's Hand-book of Moral Philosophy.
- SCIENCE OF EDUCATION.**—History of Education, Critical Examination of the works of Locke, Spencer and Bain on Education.
- CIVIL POLITY.**—Political Economy (Walker and Mill).
- ENGLISH BIBLE.**—Study of the Old Testament.

FOURTH YEAR.

- GREEK.**—Plato, Republic, Bks. I, II, Phædo; Aristotle, Ethics, Bks. I, II, III; Politics, Bk. I. Greek Grammar; Greek Prose Composition (Sidgwick); Greek Literature.
- LATIN.**—Horace, Select Satires and Epistles, Bk. II; Cicero, De Oratore, Bk. I; Juvenal, Selections; The Fathers, Augustine; Latin Hymns.
- HISTORY.**—The Protestant Revolution of the 16th century, considered in its religious, political, social and literary aspects in the various countries of Europe, and under its various leaders; The Roman Catholic Reaction; The Thirty Years' War; The Puritan Revolution in England; The American Revolution; The French Revolution; Growth of Democracy in Europe and America; Progress of the Doctrine of Liberty of Conscience; Rise and Growth of Modern Missions.
- ENGLISH.**—Sketch of English Hymnology, with critical study of twelve great Christian hymns; Development of the English Language, illustrated by the study of Sweet's Anglo-Saxon Primer, First and Second Middle English Primers, Chaucer's Prologue to the Canterbury Tales, and Lounsbury's History of the English Language; Essays, with criticism, monthly; Historical outlines of English Accidence, Morris; History of English Literature, the Formative Period.
- FRENCH.**—Grammar; Dictation; Composition; Translation of unspecified passages; History of French Literature in the Nineteenth Century; Ponsard, Charlotte Corday; About, La Fille du Chanoine, and La Mère de la Marquise; Molière, L'Avare; Corneille, Horace; Pascal, Selections.
- PHYSICS.**—Astronomy, Descriptive, Historical and Mathematical (Newcomb and Chauvenet); Observatory work.
- MINERALOGY AND GEOLOGY.**—Blowpipe Analysis of Minerals; Physical Geography; Geology.
- LOGIC.**—Deductive and Inductive (Jevons, Fowler).
- SCIENCE OF EDUCATION.**—Principles and Practice of Teaching; School Organization; School Management and Discipline.
- CIVIL POLITY.**—Adam Smith, Wealth of Nations; Jevons, Money and the Mechanism of Exchange; Bagehot, The English Constitution.
- EVIDENCES OF CHRISTIANITY.**—



Proposed B. Th. Course, Continued.

THIRD YEAR.

**GREEK.**—New Testament, Sight reading; Exegetical reading of fifteen chapters of the Acts, the Epistles to Galatians, Ephesians and Colossians, or an equivalent; Grammar of the New Testament.

**HISTORY.**—Origins of Christianity (Schaff and Fisher); Conflict between Christianity and Heathenism (Uhlhorn and Schaff); the Blending of Christianity with Egyptian, Greek, Persian and Indian thought; History of early Christian Literature; Union of Church and State; the Byzantine Empire; the Disruption of the Western Empire by Barbarian Invasions; Rise and Growth of Islam; the Empire of Charlemagne; Feudalism; the Papacy; the Holy Roman Empire; Crusades; Inquisition; Medieval Philosophy, Science, Theology, and Universities; Monasticism; Medieval Reforming Parties; and the Revival of Learning; Growth of the Democratic Spirit.

**HEBREW.**—Exegetical reading of Joel entire; Ps. II, XVI, XXII, XLV, LXXII, CX; Jonah entire; Isa. XL, LIII; Ezra (Chaldee) IV, 8-VI, 18, VII, 12-26; Syntax (Harper, Driver, Ewald); Sight reading and Hebrew composition.

**ENGLISH BIBLE.**—Study of the Old Testament.

**MENTAL AND MORAL SCIENCE.**—History of Philosophy (Schwegler); Calderwood's Hand-book of Moral Philosophy.

**SYSTEMATIC THEOLOGY.**—Nature, Importance, Principles and Method of Theological Science; Existence of God; Bibliology; Nature of God; Decrees of God; Works of God.

**HOMILETICS.**—Introductory work continued.

FOURTH YEAR.

**GREEK.**—New Testament, Sight reading; Exegetical reading of difficult passages in the Gospels and Epistles; Critical study of the Grammar of the New Testament; Textual criticism.

**HEBREW.**—Exegetical reading of Amos and Haggai entire. Dan. (Chaldee) II, 4-VII, 28; John (Syriac) I-X; Textual criticism with the aid of the Septuagint, the Targums and the Peshito.

**HISTORY.**—The Protestant Revolution of the 16th century, considered in its religious, political, social and literary aspects, in the various countries of Europe, and under its various leaders; The Roman Catholic Reaction; The Thirty Years' War; The Puritan Revolution in England; The American Revolution; The French Revolution; Growth of Democracy in Europe and America; Progress of the Doctrine of Liberty of Conscience; Rise and Growth of Modern Missions.

**PHYSICS.**—Astronomy, Descriptive, Historical and Mathematical, Observatory work (Newcomb, Chauvet).

**SCIENCE OF EDUCATION.**—History of Education; Critical examination of the works of Locke, Spencer and Bain on Education.

**SYSTEMATIC THEOLOGY.**—Anthropology; Christology; Soteriology; Ecclesiology; Eschatology.

**APOLOGETICS.**—Non-theistic Philosophies; Rival Systems of Religion; Rationalistic Criticism; Erroneous views of Christianity.

**HOMILETICS.**—Preparation and Delivery of Sermons (Broadus); History of Preaching (Broadus).

**PASTORAL THEOLOGY AND CHURCH POLITY.**—(Shedd, Vinet and Larvey).

Notes on the Foregoing Courses.

**Note 1.**—The proposed Course for the Degree of Bachelor of Arts in McMaster University should be carefully compared with the Pass Course and with the Honor Courses in Toronto University for the same degree. To assist in making this comparison in the case of the Pass Course, the two courses are placed here side by side, and attention is called to the subjects which must be taken each year in each Course. A similar comparison can easily be made with any one of the three Honor Courses given on pages 4 to 7 of this report. In making this latter comparison reference should specially be made to the notes on the Honor Course, page 7.

(a) In the First year of the Pass Course of Toronto University, in case German is taken rather than French or Hebrew, and Biology rather than Chemistry or Geology, the subjects which must be taken are: Greek, Latin, History, English, German, Mathematics and Biology. In the First Year of the Course proposed for McMaster University, the same subjects, with the addition of the English Bible, must be taken, except History, which is placed in the Second, Third and Fourth years, rather than in the First, Second and Third years. It will be observed that the work proposed in Greek, Latin, English, Mathematics, and Biology is much heavier than the work required in the Pass Course of Toronto University.

(b) In the Second year of the Pass Course of Toronto University, in case German is taken rather than French or Hebrew, and Mental Philosophy rather than Logic, the subjects which must be taken are: Greek, Latin, History, German, Physics and Mental Philosophy. In the proposed Course for McMaster University, all these subjects must be taken, and in addition to these, English and Chemistry. It will also be noted that the work proposed in Greek, German and Physics is heavier than what is required in Toronto University.

(c) In the Third year of the Pass Course of Toronto University, in case Mental and Moral Philosophy and Civil Polity are taken rather than Physics, the subjects which must be taken are: Greek, Latin, History, English, Mental and Moral Philosophy and Civil Polity. In this year of the proposed Course for McMaster University, Greek or Hebrew or French or English must be taken. In case Greek is taken, the subjects which must be taken are: Greek, Latin, History, Mathematics, Mental and Moral Philosophy, Science of Education, Civil Polity and the English Bible. This includes all of the subjects of the Third year of Toronto University except English. It includes also in addition to these subjects, Mathematics, the Science of Education and the English Bible.

(d) In the Fourth year of the Pass Course of Toronto University, the subjects which must be taken are: Greek, Latin, English, Physics, Logic and Civil Polity. In the proposed Course for McMaster University, in case Greek is taken rather than Hebrew or French or English, the subjects which must be taken are: Greek, Latin, History, Physics, Mineralogy and

Geology, Logic, Science of Education, Civil Polity, and Evidences of Christianity. This includes all of the subjects of the Pass Course of Toronto University except English. It includes also in addition to these subjects, History, Mineralogy and Geology, Science of Education and Evidences of Christianity.

(e) A careful study of each author in the English of each year in the proposed Course for McMaster University will be required, and authors marked with an asterisk will be critically studied.

**Note 2.**—The following suggestions should be carefully noted regarding the relation of the work required in the present Course in Toronto Baptist College to the work required for the Degree of Bachelor of Arts in Toronto University, and also to the work required in the proposed Course for the Degree of Bachelor of Theology in Toronto Baptist College as a department of McMaster University.

(a) The following subjects, which are a part of the present Course of Toronto Baptist College, are allowed as options in the Course for Bachelor of Arts in Toronto University, namely: Hebrew, New Testament Greek, Biblical Literature, Church History and Apologetics. In addition to these optional subjects the following in the present Course of Toronto Baptist College are also included in the University Courses, namely: Mental Philosophy, Moral Philosophy or Ethics, Rhetoric and English Literature. It will be seen from these facts that the only subjects in the present Course of Toronto Baptist College not included in the Course in Arts in Toronto University are: Systematic Theology, Pastoral Theology, Homiletics, English Bible and Hebrew and Greek Exegesis.

(b) The proposed Course for the Degree of Bachelor of Theology, in Toronto Baptist College, includes all the subjects of its present Course. This may be verified by an examination of the two Courses. In addition to this, the proposed Course includes also all of the subjects of the Pass Course of Toronto University with the exception of Latin in the Second, Third and Fourth years, Civil Polity in the Third year, and Logic and Civil Polity in the Fourth year. This may also be verified by referring to the two Courses, and taking into account the options allowed. In the place of the Latin, Civil Polity and Logic an additional Natural Science is taken and the Science of Education. To this is also added Hebrew and Greek Exegesis, Systematic Theology, Pastoral Theology, Apologetics and Homiletics.

(c) It must here be noted that the Course for Bachelor of Theology is to be followed by a Course of advanced studies in Theological subjects for the Degree of Master of Theology. It should also be noted that in case the examinations for the proposed Course for Bachelor of Arts have been passed with Hebrew as the optional subject in the Third and Fourth years, the Course for Bachelor of Theology can be completed by attending one additional year of lectures. On the other hand, in case the Degree of Bachelor of Theology has been taken first, one year's additional lectures in Arts subjects will complete the Course for Bachelor of Arts.

(d) From a careful comparison of the proposed Course for the Degree of Bachelor of Arts, and for the Degree of Bachelor of Theology with the Pass and Honor Courses of the Toronto University, it may be objected that the work proposed is more than can be done properly in four years. It may, perhaps, be granted that this objection is well taken in view of existing conditions with reference to University education. But the answer to the objection is not to lessen the work proposed, but to raise the standard of Matriculation, and supply the students during their Undergraduate Course with proper conditions to do at least the amount of work required in the proposed courses. With such conditions supplied the average student will be found equal to the work proposed, and young men with superior preparation will be found able to carry additional work. For such, provision will be made, under the direction and with the approval of the Faculty, to pursue advanced work in one or more subjects.

#### Notes on the following Tables.

**Note 3.**—The comparisons suggested in the foregoing notes have reference to the subjects included in the Curriculum of Toronto University and in the proposed curriculum for McMaster University. The Charter, however, as will be seen by referring to sections 12 and 13, requires a comparison also of the courses of instruction, by which must be meant the courses of lectures delivered and of the number of professors employed. The following tables, with the accompanying suggestions will furnish the data for making this comparison. It must, however, be here observed that it was found very difficult to obtain the required information regarding the courses of lectures delivered on the Honor subjects in the curriculum of Toronto University, as will be seen by the following letter from the Registrar of the College:—

UNIVERSITY OF TORONTO,

Registrar's Office, Dec. 10th, 1888.

DEAR SIR:

The Calendar of University College, which you have, gives a time-table of Pass lectures only, as in view of the fact that twenty-seven Professors, or lecturers are engaged in lecturing on the work of the various courses, it was found impossible to construct a permanent time-table of all lectures. The Calendar contains a list of the subjects in which instruction is given, and the Council deemed it advisable to leave it to the various Professors and lecturers to arrange with their classes the hours for lectures, and the number of lectures necessary to cover the ground. It is, therefore, not competent for me to make such a return of lectures as you desire.

Yours faithfully,

REV. DR. McVICAR,  
30 Avenue Road, Toronto.

H. H. LANGTON.

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(a)—Table A shows the number of Lectures per week upon the subjects of a Pass Course in the University of Toronto for the degree of Bachelor of Arts, and proposed to be delivered upon the subjects of the proposed Courses for McMaster University, for the Degrees of Bachelor of Arts, and Bachelor of Theology.

TABLE A.

SUBJECTS ON WHICH LECTURES ARE DELIVERED.	Number of Lectures per week Pass B. A. Course Univ. College, Toronto				Number of Lectures per week B. A. Course, McMaster University.				Number of Lectures per week B. Th. Course, McMaster University.			
	FIRST YEAR.	SECOND YEAR.	THIRD YEAR.	FOURTH YEAR.	FIRST YEAR.	SECOND YEAR.	THIRD YEAR.	FOURTH YEAR.	FIRST YEAR.	SECOND YEAR.	THIRD YEAR.	FOURTH YEAR.
Latin .....	2	2	2	2	2	2	2	2	2			
Greek .....	1	1	1	1	3	2			2	3	2	1
Mathematics .....	2				2		3		2			
Physics .....		2		2		2		2		2		
English Language .....	2		1	2	2	3	2	3	2	3		
History .....	2	2	2			1	3	3				
French .....												
German .....	3	3			3	2						
Hebrew .....									3	3	3	
Chemistry .....						2						
Biology .....	2				2				2			
Geology .....								2		2		
Mental Philosophy .....		3				3				3		
Moral Philosophy .....			3				2				2	
Logic .....				1				2				
Civil Polity, or Science of Education .....							2	2				
Biblical Introduction .....												2
English Bible .....					3		3		3		3	
Systematic Theology .....											3	3
Historical Theology .....											3	3
Pastoral Theology .....												2
Homiletics .....										1	1	3
Apologetics .....												3
Evidences of Christianity .....								1				
Totals .....	14	13	9	8	17	17	17	17	17	17	17	17

In examining table A, the following should be carefully noted :

(a) The number of lectures per week given on the Pass Course, University College, are taken from the published scheme of lectures in the Calendar of 1888-89. In Physics the Calendar gives four lectures per week, in the Second, Third and Fourth years. These lectures, however, occupy in each year only a part of the session. The number of lectures given in the table represent the average number per week, in case the lectures were continued through the entire session. It must also be noted, that the number of lectures given in the table, assumes that the student has elected : "German, rather than French or Hebrew ; Biology, rather than Chemistry or Geology ; Mental Philosophy of the Second Year, rather than Logic ; and Mental and Moral Philosophy of the Third Year, rather than Physics." The number of lectures the student must attend is not changed in any way by the options he may elect.

(b) In the proposed course for Bachelor of Arts in McMaster University, all the subjects in the First and Second years must be taken. In the Third and Fourth years only two languages are required. The Latin must be one of these and for the other Greek or Hebrew or French or English must be taken. In the table it is assumed that the English has been elected.

(c) In the proposed course for Bachelor of Theology no options are allowed ; hence the student must attend all the lectures as given in the table.

**Note 4.**—As stated in *Note 3*, it has been found difficult to procure accurate information as to the number of lectures delivered upon the Honor Subjects of the Curriculum of Toronto University. Information upon this point has, however, been obtained from what is believed to be reliable sources. In *Table B* full credit is therefore given for all lectures delivered upon Honor Subjects.

(a) *Table B* shows the number of Lectures per week delivered upon Honor Classics, Mathematics, and Metaphysics, and upon all of the Pass Subjects of the Curriculum of Toronto University.

TABLE B.

SUBJECTS.	First Year.	Second Year.	Third Year.	Fourth Year.
Honor Classics.....	5	5	6	7
Honor Mathematics.....	3	4	4	7
Honor Metaphysics.....	..	5	2	4
Total on Pass Subjects as shown in Table A.....	14	13	9	8
Additional Lectures on account of Options.....	10	8	2	
Total Honor and Pass Lectures.....	32	35	23	26

From this table it will be seen that twenty-three lectures per week are delivered on Honor Classics, eighteen on Honor Mathematics, eleven on Honor Metaphysics, forty-four on all the subjects of a Pass Course, and twenty on subjects allowed as options. Making in all, on the subjects of four of the courses of the Curriculum for Bachelor of Arts in Toronto University, one hundred and sixteen lectures per week. The additional lectures on the subjects of the Curriculum on account of options are, First Year, Natural Sciences four, Modern Languages and Hebrew six ; Second Year, Mathematics and Logic two, Modern Languages and Hebrew six ; and Third Year, Physics and Mathematics two.

(b) *Table C* shows the proposed number of Lectures per week upon the subjects of the proposed courses for Bachelor of Arts and for Bachelor of Theology in McMaster University.

TABLE C.

SUBJECTS.	First Year.	Second Year.	Third Year.	Fourth Year.
Arts Subjects, without Options, as shown in Table A.	17	17	17	17
Strictly Theological Subjects, as shown in Table A.....	6	7	15	17
Additional Lectures on account of Options.....	..	..	6	9
Total number of Lectures	23	24	38	43

From this Table it will be seen that sixty-eight lectures per week are to be delivered upon the subjects in the proposed course for Bachelor of Arts, forty-five on strictly theological subjects, fifteen on subjects allowed as options, three of which are theological ; making in all on the subjects of the two courses proposed for McMaster University, one hundred and twenty-eight lectures per week. The additional lectures on the subjects of the proposed courses, on account of options, are : Third Year, Greek, French and English, six ; and Fourth Year, Greek, Hebrew, French and English, nine.

(c) Here it will be observed that, allowing twelve lectures per week as the average work of one Professor, not more than eleven Professors will be required to deliver the one hundred and twenty-eight lectures per week on the subjects of the proposed courses for Bachelor of Arts and for Bachelor of Theology in McMaster University.

### Notes on Toronto Baptist College

Before submitting recommendations for your consideration and action regarding the opening of the Arts Department, attention must be called to some facts in reference to the present and prospective condition of Toronto Baptist College.

There are thirty-nine students attending theological lectures the present session. Of these, five are in the Course for University graduates, thirteen in the four-year Course with Hebrew and Greek, fourteen in the three-year English Course, and seven are not in any Course.

Regarding these thirty-nine students the following should be noted:

(a) The five University graduates have been admitted on their University diploma.

(b) Of the thirteen in the Course with Hebrew and Greek two have matriculated in Arts, six have done work equivalent to what is required for matriculation in Arts, the other five have not done work equivalent to this.

(c) Of the fourteen in the English Course ten have done work equivalent to the English required for matriculation in Arts, four have not done such work.

(d) Of the seven irregular students, their preparation is not sufficient to admit them to any of the Courses of the College.

(e) From the facts just stated it will be seen that at

the present time there are only twenty-three students in attendance upon lectures who have, according to the standard laid down on pages 29 and 30 of the Calendar for 1888-9, attained an equivalent to the qualifications necessary to enter regularly the Courses of the College. In this connection it must, however, be noted that the standard for admission to the Courses of the College the present session is much higher than was required in any former session.

(f) In view of the wide difference in literary preparation and mental training of the students attending lectures, as appears from the above facts, it is impossible to adapt instruction properly to the wants of the classes. A considerable proportion, therefore, of the students fail to receive the benefit they should from the lectures they attend. This state of things is destructive to the best interests of the College. It of necessity makes it impossible to do first-class work. Under such circumstances, if justice is done to those who enter the classes without proper preparation, the stronger and well prepared class of young men must suffer loss.

(g) It need scarcely be added that if this condition of things be continued, the College must of necessity fail to give to the ministry of our denomination the advantages which ought to be given to them. After a careful study of this whole subject, it is evident to me that Toronto Baptist College must be placed substantially upon the basis proposed in the following recommendations if it is to serve the purpose for which it was founded:



## RECOMMENDATIONS AND SUGGESTIONS.

Having given the most careful consideration to the various educational interests placed under your charge and being fully convinced of the importance to the future success of these interests, of wise, definite and prompt action, at the present time, I deem it my duty to submit for your favorable consideration and action recommendations and suggestions touching all of these interests.

**RECOMMENDATION I.**—That the courses of instruction for the Arts Department and for Toronto Baptist College, as a department of the University, given on pages eight to eleven of this report, be adopted and come into effect at the beginning of the College year of 1889-90.

In considering this recommendation the following should be noted :

(a) The course proposed for Bachelor of Theology is to be followed by an advanced course of two years for the Degree of Master of Theology, and an additional course of two years for the Degree of Doctor of Philosophy. In the advanced course for Master of Theology, students will be required to pursue special and original lines of investigation under the direction of the Professors in Exegetical Theology, Historical Theology, Dogmatic Theology, and Practical Theology. The course proposed for Bachelor of Arts is also to be followed by advanced courses for the degrees of Master of Arts, Doctor of Philosophy and Doctor of Laws.

(b) Students entering upon any one of these advanced courses will be required to give clear and satisfactory evidence that they have acquired such mental discipline as will enable them to undertake with advantage the work of independent and original investigation. Men who have not completed an Arts or Theological Course will be admitted into any of these advanced courses, but the Degree of Master or Doctor will not be conferred upon any but such as have proceeded regularly to the Degree of Bachelor.

(c) On the subjects prescribed for each of these advanced courses short courses of lectures will be delivered which will serve to place before the students in a clear and forcible manner the best methods of conducting the investigations undertaken, the points which should receive special attention, the aids which should be called into requisition, and the proper conditions and necessary limits of the lines of investigation pursued.

(d) The number of lectures on any one subject of the proposed advanced courses is not to exceed twenty, hence all the lectures on the subjects of any one year of any of these courses will be delivered in not to ex-

ceed seven weeks. The students pursuing these advanced courses, will therefore only require to be in residence in the University seven weeks each year, making it possible for men who may have entered upon the active duties of life to continue their studies for one of the higher degrees.

(e) The lectures upon the subjects of the proposed advanced courses are to be delivered by the Professors who lecture upon the subjects of the under-graduate courses. That this should be done is necessary, not chiefly for the sake of economy, but to secure efficient work in the lower courses. Any professor who lectures from year to year upon the same subjects in an undergraduate course, and who fails to continue his own investigations even far beyond the limits of the proposed advanced courses, will soon become inefficient and powerless in moulding the life and character of the students to whom he lectures in these undergraduate courses. The preparation and delivery of a course of from fifteen to twenty lectures each year on some advanced branch of the subjects daily discussed in giving instructions in the under-graduate courses is necessary upon the part of every professor who will keep himself in effective relation to his work and to his pupils.

**RECOMMENDATION II.**— That during the College Year of 1889-90, lectures be delivered only upon the first year of each of the courses proposed, together with such additional theological subjects as may be necessary to enable students who are now in the College to complete the courses on which they have entered; during 1890-91, only upon the first and second years, with necessary additional theological subjects; during 1891-92, only upon the first, second and third years; and during 1892-93 and onwards, upon all of the subjects of each of the courses proposed.

In considering this recommendation the following points should be noted :

(a) The total number of lectures per week required to carry into effect this recommendation will be as follows : For the College Year of 1889-90, fifty-eight; for 1890-91, seventy; for 1891-92, seventy-seven; and for 1892-93 and onwards, one hundred and twenty-eight.

(b) The number of professors required to carry into effect this recommendation depends, first, upon the range of subjects each professor is competent to undertake, and second, upon the number of lectures he is required to deliver each week. Assuming, however, the competency of the professors to undertake the subjects and that each professor deliver an average of twelve lectures per week, it is evident from the statement made in (a), that seven professors will be able

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to do the work required for 1889-90, for 1890-91 and for 1891-92.

(c) From what has been stated in (a) and (b) it is evident that the present Faculty with an additional professor, who will lecture on Latin and Greek, will be fully able to do all the work required for 1889-90 and 1890-91; and with a second additional professor all

the work for 1891-92. At the beginning of 1892-93 the full Arts Faculty will be required, as the lectures on all the subjects of the two courses will commence at that time. The following scheme of lectures will serve to show how the work for 1889-90, 1890-91 and 1891-92 can be distributed among a limited number of professors as suggested.

### SCHEME OF LECTURES FROM 1889 TO 1892.

<i>Professors by whom the Lectures are to be delivered.</i>	<i>Subjects on which Lectures are to be delivered, 1889-90.</i>	<i>Subjects on which Lectures are to be delivered, 1890-91.</i>	<i>Subjects on which Lectures are to be delivered, 1891-92.</i>
M. MACVICAR.....	Mathematics, 3*..... English Bible, 3.....	Mathematics, 3..... Physics, 3..... Chemistry, 2.....	English Bible, 6. Science of Education, 2.
J. H. CASTLE.....	Homiletics, 5..... Pastoral Theology, 2.....	Homiletics, 5..... Pastoral Theology, 2.....	Homiletics, 5. Pastoral Theology, 2.
A. H. NEWMAN.....	History, 3..... German Language, 3..... Greek Exegesis, 3.....	History, 4..... German Language, 6.....	History, 4. German Language, 6.
D. M. WELTON.....	Hebrew Language and Exegesis, 9..... English Bible, 3.....	Hebrew Language and Exegesis, 9..... Greek Exegesis, 3.....	Hebrew Language and Exegesis, 9. Greek Exegesis, 3.
T. H. RAND.....	English Language, 3..... Science and Religion, 2..... Physiology and Botany, 2	English Language, 6..... Mental Science, 3..... Physiology and Botany, 2.	English Language, 6. Mental Science, 3. Moral Science, 3.
D. A. MCGREGOR.....	Systematic Theology, 6... Apologetics, 3.....	Systematic Theology, 6... Apologetics, 3..... English Bible, 3.....	Systematic Theology, 3. Civil Polity, 2.
Professor of Latin and Greek, or of New Testament and Patristic Greek	Greek Language, 6..... Latin Language, 2.....	Greek Language, 6..... Latin Language, 4.....	Greek Language, 6. Latin Language, 6.
Professor of Mathematics and Physics, or of Natural Sciences.....	.....	.....	Mathematics, 6. Biology, 2. Physics, 3.

(d) It will be noticed, by referring to this table, that some years the work assigned is very light. This is unavoidable, on account of the transition from the present condition of things to University work proper. Where this, however, occurs, it is proposed to arrange courses of lectures for the Professors in Moulton College.

\*The number after each subject denote the number of Lectures per week to be delivered upon the subject throughout the College year.

RECOMMENDATION III.—That nineteen Chairs of Instruction be, at present, established in the University, and that the courses of lectures upon the subjects of these Chairs be delivered by twelve Professors, who shall be appointed, and who shall enter upon their duties as hereinafter suggested.

*Chairs in the Arts Department.*

1. Philosophy and Evidences of Christianity.
2. Latin Language and Literature.
3. Greek Language and Literature.
4. Modern Languages and Literatures.
5. English Language and Literature.
6. History.
7. English Bible.
8. Psychology, Ethics and Logic.
9. Civil Polity.
10. Mathematics and Physics.
11. Natural Sciences.
12. Science of Education.

*Chairs in Toronto Baptist College.*

1. Homiletics, Pastoral Theology and Church Polity.
2. Hebrew and Cognate Languages.
3. New Testament and Patristic Greek.
4. Systematic Theology.
5. Historical Theology.
6. English Bible.
7. Biblical Introduction.
8. Apologetics.

In considering this recommendation the following points should be carefully noted :

(a) By referring to table A, page 13, of this report, it will be seen that twenty-nine lectures per week of the Course proposed for Toronto Baptist College, belong also to the Arts Course. Hence the work of the professors who lecture upon the subjects of the Chairs of Instruction in Toronto Baptist College is supplemented from the Arts Department, by the work of three additional professors, giving to the students of Toronto Baptist College much better advantages than were given to them when the aggregate annual salary paid by Mr. McMaster was sixteen thousand five hundred dollars. It should also be observed at this point that the course of instruction now proposed contains exactly the same theological subjects, as will be seen by referring to the Catalogue 1884-85, as were contained in the courses of instruction at the time when this aggregate annual salary was paid, and that Mr. McMaster gave, at that time, to those courses, his unqualified endorsement; and further, that those courses were the courses of instruction in Toronto Baptist College at the time of Mr. McMaster's death.

(b) In the foregoing scheme of lectures for the three years from 1889 to 1892 the work is not assigned to Professors with reference to the Chairs of Instruction proposed in this recommendation. The assignment made, however, is a necessity in order to employ properly the time of each professor until classes in all the subjects of the curriculum are commenced. This will take place according to Recommendation II, at the beginning of the College year of 1892-93.

(c) Before the members of the present Faculty are assigned the work indicated in the foregoing lecture scheme, each should be designated to the department he is to occupy when lectures are commenced on all the subjects of the curriculum. This is necessary in order to determine at once the departments for which properly qualified men must be found. In this connection permit me to suggest the following assignment of Chairs of Instruction: Namely, that the Chancellor take Philosophy and Evidences of Christianity, and, for the present, the English Bible; that the Principal of Toronto Baptist College take Homiletics, Pastoral Theology and Church Polity; that Professor Newman take Historical Theology and History; that Professor Welton take Hebrew and Cognate Languages, and, for the present, Biblical Introduction, Old Testament; that Professor Rand take Psychology, Ethics and Logic, and, for the present, Civil Polity; and that Professor McGregor take Systematic Theology, and, for the present, Apologetics.

(d) It will be observed by referring to Table A that all the subjects contained in the two courses proposed are represented by the Chairs of Instruction proposed; and that on Arts' subjects, including options, 80 lectures per week will be required, and on Theological subjects, 48, making in all 128 lectures per week. It will also be observed that this number of lectures, distributed among twelve professors, gives each professor less than eleven lectures per week.

(e) To carry into effect this Recommendation, and Recommendation II, the Professor of Latin and Greek, or the Professor of New Testament and Patristic Greek, must enter upon the discharge of his duties at the beginning of the College year 1889-90. The Professor of Mathematics, or Natural Sciences, at the beginning of 1891-92, and the other Professors at the beginning of 1892-93. It is suggested that these professors should be appointed at an early date, so as to allow them all, except the one who enters upon his duty in 1889-90, the opportunity of making, at their own cost, at least one year's special preparation for their work.

RECOMMENDATION IV.—With reference to Matriculation and attendance upon courses of lectures in McMaster University, the following recommendations are made :

(1) That the subjects of Examination for Matriculation in Arts and Theology be the same as Junior Matriculation Pass Course in Toronto University, or a full equivalent, with the addition in Arts of the Honor subjects in Classics, Mathematics or English, and in Theology of prescribed portions of the English Bible and other Theological subjects.

(2) It is believed that the standard for Matriculation here proposed is as high as can be safely adopted at the present time. I cannot, however, forbear expressing the opinion that this standard is too low, and that the true interests of University education in Ontario, as well as the true interests of our Collegiate Institutes and High Schools, demand that a large share, if not the whole, of the present University work for the First Year, should be required for Matriculation.

(3) That the Examinations of the Educational Department for First and Second-class teachers' certificates be accepted *pro tanto* at any Matriculation Examination.

(4) That Graduation from the Classical Course of Woodstock College or Moulton College be accepted as equivalent to passing the Matriculation Examination in Arts or Theology.

(5) That Graduation from the English or Modern Language Course in Woodstock College or Moulton College, or an Examination upon a full equivalent to either of these courses, admit a student into all the lectures upon the English subjects of either the Arts or Theological Course, and entitle such student to a certificate of standing from the University on having passed the required examination on these subjects.

(6) That the Senate, by special permission, admit into all the lectures in Arts or Theology, without examination, as an occasional student, any person who shall comply with all the requirements of the University.

RECOMMENDATION V.—That a course of instruction, including the elements of Theology, be provided in Woodstock College, for students for the ministry who, because of age or other satisfactory reasons, are unable to comply with the conditions stated in Recommendation IV, for admission as regular students in Toronto Baptist College.

The following suggestions regarding this Recommendation should be noted :

(a) To admit students of the class contemplated in this Recommendation to the lectures of the University is a wrong to themselves, to the Professors, and to the other students attending these lectures. As already stated, it is impossible to adapt instruction to the wants of such students, without doing great injustice to those who are properly prepared for the work.

(b) But aside from the bad effect upon themselves and others, caused by attending lectures in the University, the very work which such students should do is entirely wanting in such a course. What they need is a thorough drill in elementary, biblical and other subjects, that will form in them right habits of mental work and give them the power of speaking and writing English with some degree of accuracy. It is a great mistake to suppose that these needs can be supplied by attendance upon lectures in the University on theological or other related subjects.

(c) The best interests of such students for the ministry and of the churches which they will afterwards serve, will be secured by requiring of them, first, to complete in a very thorough manner the preparatory course now provided in Woodstock College, and then pursue for at least two years, in Woodstock College, substantially the following course: namely, a thorough study of the English Bible, of the Elements of Systematic Theology, of Composition and the Elements of Rhetoric, of the Elements of Homiletics, of the Elements of General History and Biblical Geography, of the Elements of Mental and Moral Science, of the Elements of Geometry, and of the Elements of

Physiography and Physiology. In addition to the study of these subjects, they should also be required to pursue, under the direction of their teachers, a carefully selected course of reading.

RECOMMENDATION VI.—That an additional building, an outline plan of which is herewith submitted, be erected before the beginning of next College year for Moulton College, at a cost not to exceed \$16,000. This amount to include the building and furnishing, and be provided for as shown below in Financial Statement III.

The following should be noticed regarding this Recommendation :

(a) The present accommodations have been taxed to the uttermost ever since the College opened last September. At the present time, by putting six students in one room, provision has been made for forty-one boarders in the College building. Provision has also been made in private families for a few additional boarders. But after all was done that could be done, at the beginning of the present term, quite a number of boarders had to be refused admission. Judging from the success of the College thus far, it is quite certain that accommodations will be required at the beginning of next College year for from seventy-five to one hundred boarders, and from one hundred to one hundred and fifty day pupils. The building proposed will, with the present buildings, make first-class provision for this number of boarders and day pupils.

(b) In carrying this recommendation into effect, nothing is asked for the College in the way of money, beyond the annual appropriation of \$4,000 which is already made. It will be necessary, however, in order to go forward at once with the building proposed, that \$16,000 of this annual appropriation be paid in advance. On this amount, as well as upon the mortgage of \$25,000 on the premises, it is proposed to pay interest, as shown in Financial Statement IV, until the whole is cancelled.

(c) The plan suggested to provide the necessary amount of money for the erection of the proposed building, and for the payment of the present mortgage of \$25,000, is based upon the assumption, that, with the excellent accommodations proposed in the way of buildings and other appliances, the College, from the beginning of next year, will, from its own resources, meet all expenses, including the salaries of all the teachers. This, I am fully convinced, can be done without any difficulty. It means, however, that everything pertaining to the College be managed economically and efficiently.

RECOMMENDATION VII.—To provide the necessary lecture rooms, and other accommodations, to carry into effect Recommendations I and II, the following course is recommended :

*First.*—That not later than during the year 1891-92 an additional building be erected at the west end of McMaster Hall for chapel and library, an outline plan of which is herewith submitted, at a cost not to exceed



\$20,000, which sum can be paid from the balance shown in Financial Statement III.

*Second.*—That for the present the lectures on Arts' subjects be delivered in the lecture rooms of McMaster Hall, and that after the proposed chapel and library building is erected, the present chapel, library and reading-room be used as lecture rooms.

*Third.*—That as soon as means for doing so can be secured, an Arts' building, the same in size and architectural design as McMaster Hall, be erected west of the proposed chapel and library building, and connected therewith in the same manner as McMaster Hall.

Before it can be decided to carry into effect this recommendation, careful consideration must be given to the following clause contained in the Trust Deed: "It is declared and agreed that the lands and premises shall be held in trust to permit the completion of the buildings now being erected thereon, and to permit the use and occupation of the said buildings, or of any buildings which may, at any time, be erected in addition thereto, or in the stead thereof, for all the necessary and proper purposes of Theological College, be called and known as the 'Toronto Baptist College,' or such other name as shall be given to the said College in and by the said Act of Incorporation, for the education and training of students preparing for and intending to be engaged in pastoral, evangelical, missionary, or other denominational work in connection with the Regular Baptist Churches exclusively, composed of persons who have been baptized on a personal profession of their faith in Christ."

In interpreting this clause of the Trust Deed the following points should be carefully noted:

(a) The lands and premises are to be held in trust to permit the use of all buildings erected thereon "for all the necessary and proper purposes of Theological College . . . for the education and training of students preparing for and intending to be engaged in pastoral, evangelical, missionary, or other denominational work." It will be observed that this language designates, in a general sense, the *objects* for which the *education and training* are to be given, but it does not limit, in any sense, the nature and extent of this education and training.

(b) Inasmuch as the nature and extent of the education and training to be given are not explicitly set forth in the Trust Deed, the true intention of Mr. McMaster, with reference to the trust imposed in this matter, must be determined by the course of action pursued during the seven years in which he himself, as Trustee,

and as Chairman of the Board of Trustees, had the chief voice in marking out the lines of work which could and should be done in McMaster Hall, or any other building erected upon the premises.

(c) Just here it should be noted that Mr. McMaster, in 1884-85, after the most careful consideration of the whole subject, made provision for two additional Professors in the Faculty of Toronto Baptist College in order that Seven Arts Subjects might be added to the course of instruction pursued in the College at that time. The subjects added were Mental Science, Ethics, Deductive and Inductive Logic, Rhetoric and Oratory, Science and Religion and English Literature. Mr. McMaster went even further than this. When it was decided, at the meeting of the Baptist Union held at Brantford, that the College should, in case certain conditions could be realized, enter into federation with Toronto University, he made provision for erecting an addition to McMaster Hall similar to the building now proposed. This addition was to be erected for the express purpose of giving more accommodation for teaching, if not an entire Arts Course, quite an addition to the Arts subjects then included in the course of instruction in the College and taught in the lecture rooms of McMaster Hall. All this Mr. McMaster did himself, and regarded what he had done as carrying out the true intention and spirit of the trust imposed in the clause quoted from the Trust Deed.

(d) One thing more should be noted in this connection. The latter clause of the above quotation, namely: "for the education and training of students preparing for, and intending to be engaged in, pastoral, evangelical, missionary, or other denominational work in connection with the regular Baptist denomination," seems to restrict the trust to making provision for students who were in some capacity to serve the Baptist denomination. This strict interpretation was not put upon this clause by Mr. McMaster himself. During his personal administration of the affairs of the College, as Chairman of the Board of Trustees, students were received into McMaster Hall, and into the lectures of Toronto Baptist College, who were not Baptists, and hence were not preparing to serve the Baptist denomination in any capacity. But more than this, when Mr. McMaster arranged plans to erect an addition to McMaster Hall, similar to the one now proposed, it was for the very purpose of making full provision for the education and training, not of Baptist students only, but of young men of other denominations who desired to fit themselves for real usefulness in their chosen life work.



## FINANCIAL STATEMENTS.

STATEMENT I.—The following shows the minimum assured annual income of the University and the annual disbursements which will be required to carry into effect Recommendations I, II, III of the foregoing. It is assumed in this statement that the action of the Board regarding salaries will take effect at the beginning of the College year of 1889-90.

### Annual Income.

### Annual Disbursements.

#### COLLEGE YEAR 1888-89.

McMaster Estate .....	\$40,000
Woodstock College Endowment .....	2,000
Total Income, 1888-89 .....	42,000
Total Disbursements, 1888-89 .....	29,000
Surplus, 1888-89 .....	\$13,000

Toronto Baptist College—	
Salaries .....	\$13,500
Current Expenses .....	2,500
Woodstock College .....	8,000
Moulton College .....	4,000
Secretary of Senate and Board .....	500
Expenses of Senate and Board Meetings .....	500
Total Disbursements, 1888-89 .....	\$29,000

#### COLLEGE YEAR 1889-90.

McMaster Estate .....	\$40,000
Woodstock College Endowment .....	2,000
Total Income, 1889-90 .....	42,000
Total Disbursements, 1889-90 .....	30,500
Surplus, 1889-90 .....	\$11,500

University Salaries .....	\$15,000
Current Expenses .....	2,500
Woodstock College .....	8,000
Moulton College .....	4,000
Secretary of Senate and Board .....	500
Expenses of Senate and Board Meetings .....	500
Total Disbursements, 1889-90 .....	\$30,500

#### COLLEGE YEAR 1890-91.

McMaster Estate .....	\$40,000
Woodstock College Endowment .....	2,000
Total Income, 1890-91 .....	42,000
Total Disbursements, 1890-91 .....	30,500
Surplus, 1890-91 .....	\$11,500

University Salaries .....	\$15,000
Current Expenses .....	2,500
Woodstock College .....	8,000
Moulton College .....	4,000
Secretary of Senate and Board .....	500
Expenses of Senate and Board Meetings .....	500
Total Disbursements, 1890-91 .....	\$30,500

#### COLLEGE YEAR 1891-92.

McMaster Estate .....	\$40,000
Woodstock College Endowment .....	2,000
Total Income, 1891-92 .....	42,000
Total Disbursements, 1891-92 .....	32,500
Surplus, 1891-92 .....	\$9,500

University Salaries .....	\$17,000
Current Expenses .....	2,500
Woodstock College .....	8,000
Moulton College .....	4,000
Secretary of Senate and Board .....	500
Expenses of Senate and Board Meetings .....	500
Total Disbursements, 1891-92 .....	\$32,500

COLLEGE YEAR 1892-93.

McMaster Estate .....	\$40,000	University Salaries .....	\$25,000
Woodstock College Endowment .....	2,000	Current Expenses .....	2,500
		Woodstock College .....	8,000
Total Income, 1892-93 .....	42,000	Moulton College .....	4,000
Total Disbursements, 1892-93 .....	40,500	Secretary of Senate and Board .....	500
		Expenses of Senate and Board Meetings .....	500
Surplus, 1892-93 .....	\$1,500	Total Disbursements, 1892-93 .....	\$40,500

To this surplus should be added at least \$500 of fees, making in all \$2,000.

STATEMENT II.—This statement shows the amount still due on the Old and New subscriptions for Woodstock College.

In considering this statement, the following should be noted :

(a) The statement is based upon the report made by Professor Wolverton, at the request of the Board of Governors, on the subscriptions obtained for Woodstock College. Mr. Wolverton examined with great care these subscriptions, and prepared a correct alphabetical list, giving the post-office address and church connection of each subscriber, the amount paid and the balance still due. He classified also, with great care, the amounts due on the subscriptions obtained by Rev. S. A. Dyke, and also secured on the \$56,000, as follows: Class No. 1 contains the amounts due where the pledges are written and signed in due form, and regarded as perfectly good; Class No. 2 contains the amounts due on verbal promises, which are regarded as good; Class No. 3 contains the amounts due on promises that were conditioned in some way, and therefore regarded as of doubtful value; Class No. 4 contains the amounts due that are of no value. The amount due on each of these classes is as follows:

	DYKE SUBSCRIPTIONS.	\$56,000 SUBSCRIPTIONS.	TOTALS.
Class No. 1 .....	\$ 7,257.50	\$13,600.96	\$20,958.46
Class No. 2 .....	4,587.40	1,496.50	6,083.90
Class No. 3 .....	2,828.60	8,749.35	11,577.95
Class No. 4 .....	6,542.37	1,857.15	8,399.52
Totals .....	\$21,315.87	\$25,703.96	\$47,019.83

(b) From this analysis of the subscriptions, it will be seen that there are \$20,958 which Mr. Wolverton regards as perfectly good. Class No. 2 he regards also as good, making an aggregate of \$27,052, of reasonably good subscriptions. To this should be added the \$8,749 of new subscriptions, which Mr. Wolverton has placed in Class No. 3. This amount is largely made up of balances due from subscriptions supposed to be affected by the decision to locate the Arts department of the University in Toronto. In reference to this amount, it is quite reasonable to expect that a part of it will be realized, in view of the large expenditure the Board is making for Woodstock College. Taking this amount into account, there is an aggregate subscription of \$35,801, from which, with proper effort, it is believed \$20,000 at least can be collected.

STATEMENT III.—The following shows the proposed disbursement of the surplus which will accumulate from 1888 to 1892, as shown in Statement I.

It should be observed here, that in this statement \$28,000 is allowed for buildings and improvements for Woodstock College. This is \$1,500 more than the amount already appropriated by the Board for this purpose. The Building Committee propose, however, to keep the expenditure rigidly within the appropriation already made, unless otherwise directed by the

Board. It should also be observed, that in this statement \$3,000 is allowed to pay the interest upon the \$23,000 appropriated to Woodstock College until this amount is cancelled by the accumulated surplus.

ACCUMULATED SURPLUS.

Surplus for 1888-89.....	\$13,000
Surplus for 1189-90.....	11,500
Surplus for 1890-91.....	11,500
Surplus for 1891-92.....	9,500
Total Surplus.....	<u>\$45,500</u>
Total Disbursements.....	<u>\$43,400</u>
Balance of Surplus.....	\$2,100

DISBURSEMENT OF SURPLUS.

Buildings and Improvements for Woodstock College.....	\$28,000
Interest upon this amount.....	3,000
Interest to Toronto General Trusts Co., for 4 years, on \$10,000.....	2,400
Payment of Principal to Toronto General Trusts Co.....	10,000
	<u>\$43,400</u>

This balance of \$2,100, with the \$20,000 to be realized from subscriptions, gives an aggregate balance of \$22,100, which can be applied in the purchase of additional land for the University site, or in erecting the proposed addition to McMaster Hall.

In this connection it should be noted, that the only encumbrance on Woodstock College not provided for in the foregoing statement, is the mortgage of \$3,000 on the Principal's residence. This the Board has ordered to be cancelled by the sale of the premises.

STATEMENT IV.—This statement shows how it is proposed to carry into effect Recommendation VI, and cancel the mortgage of \$25,000 on the premises of Moulton College, by the use of the annual appropriation of \$4,000.

Regarding this statement it should be noted:

(a) That the period proposed, in which to pay, from the annual appropriation of \$4,000, for the erection of the proposed building and discharge the mortgage of \$25,000, is sixteen years.

(b) That no payment, except the \$1,250 annual interest, is to be made upon the mortgage until the \$16,000 expended on buildings is cancelled. This will require a little over seven years. The interest on the unpaid balance, each year, of the \$16,000, is calculated at six per cent., and on the mortgage at five per cent.

RECEIPTS.

From the University, \$4,000 annually, for sixteen years.....	\$64,000
Total Disbursements.....	<u>\$60,197</u>
Surplus.....	<u>\$3,803</u>

DISBURSEMENTS.

Payment of the \$16,000 used for building and furnishing.....	\$16,000
Interest, at 6%, on the unpaid annual balance of this \$16,000.....	4,285
Annual Interest, at 5%, for 8 years, on the Mortgage of \$25,000.....	10,000
Interest, at 5%, on the unpaid annual balance on Mortgage until the whole is cancelled.....	4,912
Payment of Principal of Mortgage.....	<u>25,000</u>

Permit me, in closing this report, to ask your most careful consideration of all the matters therein set forth. It is evident to me, after weighing in the most careful manner the present condition and future prospects of our Educational Institutions, that early and wise action upon the matters herein presented is imperatively necessary, in order to conserve what has already been done and to promote, in the future, the best interests of each of these Institutions.

All of which is respectfully submitted.

M MACVICAR,  
Chancellor.

