UNIVERSITY OF TORONTO SCARBOROUGH

OFFICE OF THE CAMPUS COUNCIL

FOR INFORMATION **PUBLIC** **OPEN SESSION**

TO: UTSC Academic Affairs Committee

SPONSOR: William Gough, Vice-Principal Academic and Dean
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PRESENTER: Mark Schmuckler, Vice-Dean Undergraduate
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DATE: February 9, 2018 for February 13, 2018

AGENDA ITEM: 8

ITEM IDENTIFICATION:

Minor Undergraduate Curricular Modifications [for information]

JURISDICTIONAL INFORMATION:

University of Toronto Scarborough Academic Affairs Committee (AAC) "is concerned with matters affecting the teaching, learning and research functions of the Campus (*AAC Terms of Reference, Section 4*)." Under section 5.7 of its Terms of Reference, the Committee "receives annually from its assessors, reports on matters within its areas of responsibility."

GOVERNANCE PATH:

1. **UTSC Academic Affairs Committee [For Information] (February 13, 2018)**

PREVIOUS ACTION TAKEN:

No previous action in governance has been taken on this item.

HIGHLIGHTS:

The Office of the Vice-Principal Academic and Dean reports, for information, all curricular changes that do not impact program and course learning outcomes or mode of delivery. These include, but are not limited to:

- Adding, deleting or moving an optional course in a program;
- Adding, deleting or moving a required course in a program, as long the change does not alter the nature of the program;

- All course deletions; and
- Changes to course level and/or designator, requisites, enrolment limits and breadth requirement categories.

This package includes minor modifications to undergraduate curriculum, submitted by the academic units identified below:

- The Department of Biological Sciences (Report: Biological Sciences)
  - 2 minor program modifications
  - 22 course changes
- The Department of Management (Report: Management
  - 2 minor program modifications
  - 41 course changes
- The Department of Philosophy (Report: Philosophy)
  - 4 course changes

FINANCIAL IMPLICATIONS:

There are no net financial implications to the campus operating budget.

RECOMMENDATION:

Presented for information.

DOCUMENTATION PROVIDED:

1. 2018-19 Curriculum Cycle: Undergraduate Minor Curriculum Modifications for Information Report: Biological Sciences (Revised), dated February 8, 2018.
2. 2018-19 Curriculum Cycle: Undergraduate Minor Curriculum Modifications for Information Report: Management, dated January 25, 2018.
3. 2018-19 Curriculum Cycle: Undergraduate Minor Curriculum Modifications for Information Report: Philosophy, dated January 25, 2018.

UNIVERSITY OF TORONTO SCARBOROUGH

2018-19 Curriculum Cycle
Undergraduate Minor Curriculum Modifications for Information Report: Biological Sciences

(Revised) February 8, 2018

Biological Sciences (UTSC), Department of

2 Minor Program Modifications:

SPECIALIST (JOINT) PROGRAM IN PARAMEDICINE (SCIENCE)

Completion Requirements:

Track Changes:

Program Requirements
This program requires the completion of 16.5 credits. Including electives, students should take 2.5 credits in each semester of their four year degree. Note that three of the PMD courses are 1 credit (Y courses) rather than 0.5 credit (H courses).

1.0 Credit of Introductory Biology Courses
BIOA01H3 Life on Earth: Unifying Principles
BIOA02H3 Life on Earth: Form, Function and Interactions

1.5 Credits of Core Biology Courses
BIOB10H3 Cell Biology
BIOB11H3 Molecular Aspects of Genetic Processes
[(BIOB30H3) Mammalian Physiology I or BIOB34H3 Animal Physiology]

1.5 Credits of Foundational Biology Courses
BIOC17H3 Microbiology
[BIOC21H3 Vertebrate Histology: Cells and Tissues or BIOC32H3 Human Physiology I]
BIOC34H3 Human Physiology II: Lecture

1.0 Credit of Advanced Biology Courses
Choose From:
BIOD17H3 Seminars in Cellular Microbiology
BIOD26H3 Fungal Biology and Pathogenesis
BIOD29H3 Pathobiology of Human Disease
BIOD33H3 Comparative Animal Physiology
BIOD43H3 Animal Movement and Exercise
BIOD65H3 Pathologies of the Nervous System
BIOD96Y3 Directed Research in Paramedicine

1.0 Credit of Introductory Chemistry Courses
CHMA10H3 Introductory Chemistry I: Structure and Bonding
CHMA11H3 Introductory Chemistry II: Reactions and Mechanisms

1.0 Credit of Introductory Psychology Courses
PSYA01H3 ~~Introductory Psychology: Part I~~ Introduction to Biological and Cognitive Psychology
PSYA02H3 ~~Introductory Psychology: Part II~~ Introduction to Clinical, Developmental, Personality and Social Psychology

1.0 Credit of B-Level Psychology Courses
PSYB20H3 Introduction to Developmental Psychology
PSYB32H3 ~~Abnormal Psychology~~ Introduction to Clinical Psychology

1.0 Credit of Statistics/Data Analysis Courses
[STAB22H3 Statistics I *or* PSYB07H3 Data Analysis in Psychology]
PSYC08H3 Advanced Data Analysis in Psychology

7.5 Credits of Paramedicine Courses
*PMDB22H3 Pre-Hospital Care 1: Theory and Lab
*PMDB25H3 Therapeutic Approaches to Behaviour in Crisis
*PMDB30H3 Alterations of Human Body Function I
*PMDB32Y3 Pre-Hospital Care 2: Theory, Lab and Clinical
*PMDB33H3 Anatomy
*PMDB36H3 Pharmacology for Allied Health Pre-requisite
*PMDB41H3 Professional Issues, Research and Leadership
*PMDC40H3 Alterations in Human Body Function II
*PMDC42Y3 Pre-Hospital Care 3: Theory, Lab and Field
*PMDC43H3 Medical Directed Therapeutics and Paramedic Responsibilities
*PMDC54Y3 Pre-Hospital Care 4: Theory, Lab and Field
*PMDC56H3 Primary Care Practice Integration and Decision Making

*A grade of 60% is required in these courses both to pass the course and to maintain standing in the program. All PMD courses are taught at Centennial College. Note, some PMD courses require that 60% be achieved in all components of the course (i.e., lecture component, practical component, and clinical-placement component).

Note:
In order to remain in the program, students must typically maintain a cumulative grade point average of at least 2.0. Students whose cumulative GPA falls below 2.0 should consult the program supervisor to discuss their options. Please note, space in some Centennial College courses is limited. Students who must repeat one of these courses and whose CGPA has fallen below 2.0 will be allowed to register in these courses only if space permits.

Suggested Course Sequence
Note: Students may also take courses in the summer, when offered~~. BIOB10Y3 may be taken in the summer in place of BIOB10H3 and BIOB11H3~~.

Year 1: Fall Session

1. BIOA01H3 Life on Earth: Unifying Principles
2. CHMA10H3 Introductory Chemistry I: Structure and Bonding
3. PSYA01H3 ~~Introductory Psychology: Part I~~ Introduction to Biological and Cognitive Psychology
4. PSYB07H3 Data Analysis in Psychology (fall) and 0.5 credits of elective courses
   or
   1.0 credits of elective courses

Year 1: Winter Session

1. BIOA02H3 Life on Earth: Form, Function and Interactions
2. CHMA11H3 Introductory Chemistry II; Reactions and Mechanisms
3. PSYA02H3 ~~Introductory Psychology: Part II~~ Introduction to Clinical, Developmental, Personality and Social Psychology
4. STAB22H3 Statistics I and 0.5 credits of elective courses
   or
   1.0 credits of elective courses

Year 2: Fall Session

1. BIOB10H3 Cell Biology
2. PMDB33H3 Anatomy
3. PMDB22H3 Pre-Hospital Care 1: Theory and Lab
4. PMDB25H3 Therapeutic Approaches to Behaviour in Crisis
5. PMDB41H3 Professional Issues, Research and Leadership

Year 2: Winter Session

1. BIOB11H3 Molecular Aspects of Genetic Processes
2. PMDB30H3 Alterations of Human Body Function I
3. PMDB32Y3 Pre-Hospital Care 2: Theory, Lab and Clinical
4. PMDB36H3 Pharmacology for Allied Health Pre-requisite

Year 3: Fall Session

1. BIOB34H3 Animal Physiology or (BIOB30H3) Mammalian Physiology I
2. PMDC40H3 Alterations in Human Body Function II
3. PMDC42Y3 Pre-Hospital Care 3: Theory, Lab and Field
4. PMDC43H3 Medical Directed Therapeutics and Paramedic Responsibilities

Year 3: Winter Session

1. BIOC17H3 Microbiology
2. BIOC34H3 Human Physiology II: Lecture
3. PMDC54Y3 Pre-Hospital Care 4: Theory, Lab and Field
4. PMDC56H3 Primary Care Practice Integration and Decision Making

Year 4: Fall Session*

1. BIOC21H3 Vertebrate Histology: Cells and Tissues or BIOC32H3 Human Physiology I
2. PSYB20H3 Introduction to Developmental Psychology
3. PSYB32H3 ~~Abnormal Psychology~~ Introduction to Clinical Psychology
4. [BIOD33H3 Comparative Animal Physiology *or* BIOD65H3 Pathologies of the Nervous System *or* BIOD26H3 Fungal Biology and Pathogenesis *or* BIOD96Y3 Directed Research in Paramedicine *]

Year 4: Winter Session*

1. PSYC08H3 Advanced Data Analysis in Psychology
2. BIOD17H3 Seminars in Cellular Microbiology *or* BIOD43H3 Animal Movement and Exercise *or* BIOD29H3 Pathobiology of Human Disease
3. 0.5 credits of elective courses

***Note:** Students may take any 2 of these D-level courses to meet program requirements. The sequence here merely reflects current scheduling of courses in the various sessions.

Description of Proposed Changes:
Editorial Change: Remove the sentence: "BIOB10Y3 may be taken in the summer in place of BIOB10H3 and BIOB11H3" under the suggested course sequence.

Rationale:
We have requested the retirement of BIOB10Y3 this year and therefore removed this statement from the suggested course sequence.

Impact: None

Consultation:
Approved by Department January 22, 2018.

Resource Implications:
None

SPECIALIST PROGRAM IN INTEGRATIVE BIOLOGY (SCIENCE)

Completion Requirements:

Track Changes:

Program Requirements
This program consists of 14.5 required credits including at least 4.0 credits at the C- or D-level of which at least 1.0 must be at the D-level.

A. Required Courses

First Year
1. **1.0 Credit of Introductory Biology Courses**
BIOA01H3 Life on Earth: Unifying Principles
BIOA02H3 Life on Earth: Form, Function and Interactions

2. **1.0 Credit of Introductory Chemistry Courses**
CHMA10H3 Introductory Chemistry I: Structure and Bonding
CHMA11H3 Introductory Chemistry II: Reactions and Mechanisms

3. **1.0 Credit in Mathematics**
Choose from:
[MATA29H3 Calculus I for the Life Sciences and MATA35H3 Calculus II for Biological Sciences] or
[MATA30H3 Calculus I for Physical Sciences and MATA36H3 Calculus II for Physical Sciences]

4. **0.5 Credit in Physics**
Choose from:
PHYA10H3 Physics I for the Physical Sciences

PHYA11H3 Physics I for the Life Sciences

5. 0.5 Credit in Computer Science
Choose from:
CSCA08H3 Introduction to Computer Science I (most appropriate course for computer science students)
CSCA20H3 Introduction to Programming (most appropriate course for non-computer science students)
PSCB57H3 Introduction to Scientific Computing (this course could also be taken in second year)

Second Year
6. **3.0 Credits of Biology Core Courses**
BIOB10H3 Cell Biology
BIOB11H3 Molecular Aspects of Cellular and Genetic Processes
[BIOB34H3 Animal Physiology or (BIOB30H3) Mammalian Physiology I]
[BIOB38H3 Plants and Society or (BIOB31H3) Plant Physiology]
BIOB50H3 Ecology
BIOB51H3 Evolutionary Biology

7. **0.5 Credit of Biology Core Labs**
Choose from:
BIOB12H3 Cell and Molecular Biology Laboratory
BIOB32H3 Animal Physiology Laboratory
BIOB33H3 Human Development and Anatomy Laboratory
BIOB52H3 Ecology and Evolutionary Biology Laboratory

8. **0.5 Credit in Statistics**
Choose from:
STAB22H3 Statistics I
PSYB07H3 Data Analysis in Psychology

Third Year
9. **1.5 Credits of Biology Foundation Courses**
BIOC15H3 Genetics
BIOC17H3 Microbiology
BIOC54H3 Animal Behaviour

Third/Fourth Year
10. **0.5 Credit of Advanced Courses in Physiology, Biochemistry and Neurobiology**
Choose from:
BIOC12H3 Biochemistry I: Proteins and Enzymes
BIOC13H3 Biochemistry II: Bioenergetics and Metabolism
BIOC23H3 Practical Approaches to Biochemistry
BIOC32H3 Human Physiology I
BIOC33H3 Human Physiology II: Lecture and Laboratory
BIOC34H3 Human Physiology II: Lecture
BIOC39H3 Immunology
BIOC40H3 Plant Physiology
BIOC65H3 Environmental Toxicology
ANTC67H3 Foundations in Epidemiology
NROC34H3 Neuroethology
NROC61H3 Learning and Motivation
NROC64H3 Sensorimotor Systems
PSYC31H3 Clinical Neuropsychology
BIOD07H3 Advanced Topics and Methods in Neural Circuit Analysis
BIOD08H3 Theoretical Neuroscience
BIOD12H3 Protein Homeostasis
BIOD27H3 Molecular Endocrinology
BIOD29H3 Pathobiology of Human Disease
BIOD35H3 Sports Science

BIOD43H3 Animal Movement and Exercise
BIOD65H3 Pathologies of the Nervous System
NROD67H3 Psychobiology of Aging

11. **0.5 Credit of Advanced Courses in Ecology and Conservation**
Choose from:
BIOC50H3 Macroevolution
BIOC51H3 Tropical Biodiversity Field Course
BIOC52H3 Ecology Field Course
BIOC58H3 Biological Consequences of Global Change
BIOC59H3 Advanced Population Ecology
BIOC61H3 Community Ecology and Environmental Biology
BIOC62H3 Role of Zoos and Aquariums in Conservation
BIOC63H3 Conservation Biology
(BIOC67H3) Inter-University Biology Field Course
EESC04H3 Biodiversity and Biogeography
BIOD52H3 Biodiversity and Conservation
BIOD54H3 Applied Conservation Biology
BIOD59H3 Models in Ecology and Conservation
BIOD60H3 Spatial Ecology
BIOD62H3 Species and Speciation
BIOD66H3 Causes and Consequences of Diversity
BIOD67H3 Inter-University Biology Field Course

12. **0.5 Credit of Advanced Courses in Genes and Development**
Choose from:
BIOC10H3 Cell Biology: Proteins from Life to Death
BIOC14H3 Genes, Environment and Behaviour
BIOC16H3 Evolutionary Genetics and Genomics
BIOC19H3 Animal Developmental Biology
BIOC31H3 Plant Development and Biotechnology
BIOD19H3 Epigenetics in Health and Disease
BIOD21H3 Advanced Molecular Biology Laboratory
BIOD22H3 Molecular Biology of the Stress Response
BIOD23H3 Special Topics in Cell Biology
BIOD25H3 Genomics

13. **0.5 Credit of Advanced Courses in Organismal Biology**
Choose from:
BIOC20H3 Principles of Virology
BIOC21H3 Vertebrate Histology: Cells and Tissues
ANTD22H3 Theory and Methodology of Primatology
ANTC68H3 Deconstructing Epidemics
EESC30H3 Environmental Microbiology
BIOC37H3 Plants: Life on the Edge
(BIOC38H3) Plants and Society
BIOC60H3 Winter Ecology
BIOD17H3 Seminars in Cellular Microbiology
BIOD20H3 Special Topics in Virology
BIOD26H3 Fungal Biology and Pathogenesis
BIOD29H3 Pathobiology of Human Disease
BIOD33H3 Comparative Animal Physiology
BIOD37H3 Biology of Plant Stress
BIOD45H3 Animal Communication
BIOD48H3 Ornithology
BIOD53H3 Special Topics in Behavioural Ecology

14. **3.0 Credits of Additional C- or D-Level Biology Courses**

Choose from:
Any BIO (or formerly BGY) C- or D-level courses offered by the department.
Note: this includes the Biology Team Research, Supervised Studies and Directed Research courses (BIOC99H3, BIOD95H3, BIOD98Y3 and BIOD99Y3).
Note: NROC34H3 (Neuroethology) may also be used toward fulfilling this requirement, if not already used toward fulfilling one of the other requirements above.

B. Routes to Specialization (optional)
A key advantage of the specialist program in Integrative Biology is the ability for students to readily specialize in areas of particular interest. Please note that students are not required to follow any of these suggested routes. They are provided for guidance only.

(a): For students with a particular interest in "The Impact of Environment and Climate Change on the Biology of Ecosystems", you should consider including some or all of the following courses in your program: BIOB52H3 (Ecology and Evolutionary Biology Lab), BIOC52H3 (Ecology Field Course), BIOC58H3 (Biological Consequences of Global Change), BIOC59H3 (Advanced Population Ecology), BIOC60H3 (Winter Ecology), BIOC61H3 (Community Ecology and Environmental Biology) BIOD59H3 (Models in Ecology and Conservation) and (BIOC67H3) (Inter-University Biology Field Course).

(b): For students with a particular interest in "The Conservation and Biodiversity of Organisms", you should consider including some or all of the following courses in your program: BIOC51H3 (Tropical Biodiversity Field Course), BIOC62H3 (Role of Zoos and Aquariums in Conservation), BIOC63H3 (Conservation Biology), BIOD48H3 (Ornithology), BIOD52H3 (Biodiversity and Conservation), BIOD54H3 (Applied Conservation Ecology), BIOD60H3 (Spatial Ecology) & BIOD66H3 (Causes and Consequences of Biodiversity).

(c): For students with a particular interest in "Animal Physiology", you should consider including some or all of the following courses in your program: BIOB32H3 (Animal Physiology Laboratory), BIOC32H3 (Human Physiology I), BIOC33H3 or BIOC34H3 (Human Physiology II), BIOD29H3 (Pathobiology of Human Disease), BIOD33H3 (Comparative Animal Physiology), & BIOD43H3 (Animal Movement and Exercise).

(d): For students with a particular interest in "Ecophysiology", you should consider including some or all of the following courses in your program: BIOC65H3 (Environmental Toxicology), BIOD33H3 (Comparative Animal Physiology) & BIOD37H3 (Biology of Plant Stress).

(e): For students with a particular interest in "Infection and Disease" or "clinically-oriented topics", you should consider including some or all of the following courses in your program: ANTC67H3 (Foundations in Epidemiology) or ANTC68H3 (Deconstructing Epidemics), BIOB33H3 (Human Development and Anatomy), BIOC20H3 (Principles of Virology), BIOC21H3 (Vertebrate Histology: Cells and Tissues), BIOC33H3 or BIOC34H3 (Human Physiology II), BIOC39H3 (Immunology), BIOD12H3 (Protein Homeostasis), BIOD17H3 (Seminars in Cellular Microbiology), BIOD20H3 (Special Topics in Virology), BIOD25H3 (Genomics), BIOD26H3 (Fungal Biology and Pathogenesis), BIOD29H3 (Pathobiology of Human Disease) & BIOD65H3 (Pathologies of the Nervous System).

(f): For students with a particular interest in "Plant and Microbial Biology", you should consider including some or all of the following courses in your program: BIOC31H3 (Plant Development and Biotechnology), BIOD17H3 (Seminars in Cellular Microbiology) and BIOD37H3 (Biology of Plant Stress).

(g): For students with a particular interest in "Behavioural Biology" you should consider including some or all of the following courses in your program: NROC34H3 (Neuroethology), BIOD45H3 (Animal Communication), BIOD07H3 (Advanced Topics and Methods in Neural Circuit Analysis), BIOD53H3 (Special Topics in Behavioural Ecology) & NROC61H3 (Learning and Motivation).

(h): For students with a particular interest in "Behavioural Genetics", you should consider including some or all of the following courses in your program: BIOC16H3 (Evolutionary Genetics and Genomics), NROC34H3 (Neuroethology), BIOD21H3 (Advanced Molecular Biology Laboratory), BIOD22H3 (Molecular Biology of the Stress Response), BIOD23H3 (Special Topics in Cell Biology), BIOD25H3 (Genomics), BIOD45H3 (Animal Communication), and BIOD53H3 (Special Topics in Behavioural Ecology).

(i): For students with a particular interest in "The Evolution of Development" (a.k.a. "evo/devo"), you should consider including some or all of the following courses in your program: BIOC12H3 (Biochemistry I: Proteins and Enzymes),

BIOC13H3 (Biochemistry II: Bioenergetics and Metabolism), BIOC16H3 (Evolutionary Genetics and Genomics), BIOC19H3 (Animal Developmental Biology), BIOC23H3 (Practical Approaches to Biochemistry), BIOC31H3 (Plant Development and Biotechnology), BIOC33H3 (Human Physiology II: Lecture and Laboratory) or BIOC34H3 (Human Physiology II: Lecture), BIOD21H3 (Advanced Molecular Biology Laboratory), BIOD22H3 (Molecular Biology of the Stress Response), BIOD23H3 (Special Topics in Cell Biology), BIOD35H3 (Sports Science) and BIOD25H3 (Genomics).

Description of Proposed Changes:
1) Add BIOD07H3 and BIOD12H3 to the 0.5 Credit of Advanced Courses in Physiology, Biochemistry and Neurobiology bin.
2) Add BIOC20H3 and BIOD20H3 to the 0.5 Credit of Advanced Courses in Organismal Biology bin.
3) Add BIOC20H3, BIOD12H3 and BIOD20H3 to "Routes to Specialization" under (e) For students with a particular interest in "Infection and Disease"...
4) Add BIOD07H3 to "Routes of Specialization" under (g) For students with a particular interest in "Behavioural Biology"....

Rationale:
1) and 2) Adding our new courses, BIOD07H3, BIOD12H3, BIOC20H and BIOD20H3 to the existing bins provides students with more options.
3) and 4) Adding BIOC20H, BIOD07H, BIOD12H and BIOD20H to the Routes of Specialization are editorial.

Impact:
None

Consultation:
Date when the changes were approved by our DCC: September 7, 2017
We have discussed this change with our Program Supervisors at the Departmental Curriculum Committee meeting and all support these changes.

Resource Implications:
No impact.

22 Course Modifications:

BIOA11H3: Introduction to the Biology of Humans

Exclusions:
Previous: Grade 12 Biology, BIOA01H3, BIOA02H3, CSB201H1

New: BIOA01H3, BIOA02H3, CSB201H1

Track Changes: ~~Grade~~ ~~12~~ ~~Biology,~~ BIOA01H3, BIOA02H3, CSB201H1

Rationale:
The Department has a large mature student population that may have taken grade 12 Biology a long time ago who need this course as a refresher to ensure they are successful in BIOA01H3 and BIOA02H3. Additionally, the existing exclusion causes a lot of confusion for students outside of Biological Sciences who are not able to take BIOA01H3 or BIOA02H3 due to the prerequisite requirements for these courses.

Consultation:
We have discussed this change with our Program Supervisors at our Departmental curriculum committee meeting and all support this change.
We have also been in contact with the Health Studies faculty and they are pleased with this change.
Proposal approved by the DCC: September 7, 2017.

Resources:

BIOB10H3: Cell Biology

Exclusions:
Previous: BIOB10Y3, BIO241H, (BIO250Y)

New: (BIOB10Y3), BIO241H, (BIO250Y)

Track Changes: (BIOB10Y3), BIO241H,(BIO250Y)

Rationale:
BIOB10Y3 is being retired. The revisions to the exclusions acknowledge this change.

Consultation:
We have discussed this change with our Program Supervisors at our Departmental Curriculum Committee meeting and all support this change.
Approved by DCC: June 21, 2017

Resources:

BIOB12H3: Cell and Molecular Biology Laboratory

Corequisites:
Previous: BIOB11H3 or BIOB10Y3

New: BIOB11H3 or (BIOB10Y3)

Track Changes: BIOB11H3 or (BIOB10Y3)

Note:
Previous: Priority will be given to students enrolled in the specialist programs in Applied Microbiology, Cell and Molecular Biology (Co-op and non-Co-op), Biological Chemistry and the major program in Biochemistry. Additional students will be admitted as space permits.

New: Priority will be given to students enrolled in the Specialist programs in Molecular Biology and Biotechnology (Co-op and non-Co-op), Biological Chemistry and the Major program in Biochemistry. Additional students will be admitted as space permits.

Track Changes: Priority will be given to students enrolled in the Specialist ~~specialist~~ programs in ~~Applied~~ ~~Microbiology, Cell~~ ~~and~~ Molecular Biology and Biotechnology(Co-op and non-Co-op), Biological Chemistry and the Major ~~major~~ program in Biochemistry. Additional students will be admitted as space permits.

Rationale:
1) BIOB10Y is being retired; brackets have been added to acknowledge this change;
2) The priority note has been updated to reflect changes in program titles, and the closure of the Specialist in Applied Microbiology.

Consultation:
We have discussed this change with our Program Supervisors at our Departmental Curriculum Committee meeting and all support this change.
Approved by DCC: June 21, 2017

Resources:

BIOB33H3: Human Development and Anatomy

Description:

Previous: A lecture and laboratory course which deals with the functional morphology of the human organism. The subject matter extends from early embryo-genesis through puberty to late adult life.

Priority will be given to students in the Human Biology programs. Additional students will be admitted as space permits.

New: A lecture and laboratory course which deals with the functional morphology of the human organism. The subject matter extends from early embryo-genesis through puberty to late adult life.

Track Changes: A lecture and laboratory course which deals with the functional morphology of the human organism. The subject matter extends from early embryo-genesis through puberty to late adult life.

~~Priority~~ ~~will~~ ~~be~~ ~~given~~ ~~to~~ ~~students~~ ~~in~~ ~~the~~ ~~Human~~ ~~Biology~~ ~~programs.~~ ~~Additional~~ ~~students~~ ~~will~~ ~~be~~ ~~admitted~~ ~~as~~ ~~space~~ ~~permits.~~

Note:
Previous:

New: Priority will be given to students in the Human Biology programs. Additional students will be admitted as space permits.

Track Changes: Previous:
New: Priority will be given to students in the Human Biology programs. Additional students will be admitted as space permits.

Rationale:
Moved the priority statement from the course description to the "note" section.

Consultation:
We have discussed this change with our Program Supervisors at our Departmental Curriculum Committee meeting and all support this change.
Approved by DCC: June 21, 2017

Resources:

BIOC10H3: Cell Biology: Proteins from Life to Death

Description:

Previous: This course builds on fundamental cell biology concepts using primary literature. This course will examine specific organelles and their functions in protein biogenesis, modification, trafficking, and quality control within eukaryotic cells. The experimental basis of knowledge will be emphasized and students will be introduced to hypothesis-driven research in cell biology.

New: This seminar course builds on fundamental cell biology concepts using primary literature. This course will examine specific organelles and their functions in protein biogenesis, modification, trafficking, and quality control within eukaryotic cells. The experimental basis of knowledge will be emphasized and students will be introduced to hypothesis-driven research in cell biology.

Track Changes: This seminar course builds on fundamental cell biology concepts using primary literature. This course will examine specific organelles and their functions in protein biogenesis, modification, trafficking, and quality control

within eukaryotic cells. The experimental basis of knowledge will be emphasized and students will be introduced to hypothesis-driven research in cell biology.

Prerequisites:
Previous: [BIOB10H3 and BIOB11H3] or BIOB10Y3

New: BIOB11H3 or (BIOB10Y3)

Track Changes: ~~[BIOB10H3 and~~ BIOB11H3~~]~~ or (BIOB10Y3)

Rationale:
1) Editorial change to course description.
2) BIOB10H3 as it is a prerequisite for BIOB11H3; including it here is redundant.; Placed brackets around BIOB10Y as this course is retired.

Consultation:
We discussed this change with our Program Supervisors at our Departmental Curriculum Committee meeting and all support these changes.
Approved by DCC: June 21, 2017

Resources:

BIOC12H3: Biochemistry I: Proteins and Enzymes

Prerequisites:
Previous: [[BIOB10H3 and BIOB11H3] or BIOB10Y3] and CHMB41H3

New: [BIOB11H3 or (BIOB10Y3)] and CHMB41H3

Track Changes: ~~[~~[~~BIOB10H3 and~~ BIOB11H3~~]~~ or (BIOB10Y3)]and CHMB41H3

Exclusions:
Previous: CHMB62H3, BCH210H, BCH242Y, BCH310H

New: CHMB62H3, BCH210H, BCH242Y, (BCH310H)

Track Changes: CHMB62H3, BCH210H, BCH242Y, (BCH310H)

Rationale:
1) BIOB10H3 as it is a prerequisite for BIOB11H3 and therefore is redundant here; placed brackets around BIOB10Y as this course is retired;
2) brackets have been added to BCH310H because it is no longer offered.

Consultation:
We have discussed this change with our Program Supervisors at our Departmental Curriculum Committee meeting and all support this change.
We have also consulted with the Psychology Department as well as Physical and Environmental Sciences.
Approved by DCC: June 21, 2017

Resources:

BIOC13H3: Biochemistry II: Bioenergetics and Metabolism

Prerequisites:
Previous: [[BIOB10H3 and BIOB11H3] or BIOB10Y3] and CHMB41H3

New: [BIOB11H3 or (BIOB10Y3)] and CHMB41H3

Track Changes: ~~[~~[~~BIOB10H3 and~~ BIOB11H3~~]~~ or (BIOB10Y3)]and CHMB41H3

Exclusions:
Previous: CHMB62H3, BCH210H, BCH242Y, BCH310H

New: CHMB62H3, BCH210H, BCH242Y, (BCH310H)

Track Changes: CHMB62H3, BCH210H, BCH242Y, (BCH310H)

Rationale:
1) BIOB10H3 is a prerequisite for BIOB11H3 - it has been removed from the prerequisites because it is redundant; BIOB10Y has been retired - the brackets have been added to show this;
2) in the exclusions, BCH310H is no longer offered at St. George, therefore placed in brackets.

Consultation:
Date on which proposal was approved by DCC: September 7, 2017.
We have discussed this change with our Program Supervisors at our departmental curriculum committee meeting and all support this change.

Resources:
None

BIOC14H3: Genes, Environment and Behaviour

Prerequisites:
Previous: BIOB11H3 or BIOB10Y3

New: BIOB11H3 or (BIOB10Y3)

Track Changes: BIOB11H3 or (BIOB10Y3)

Rationale:
Placed brackets around BIOB10Y as this course is retired.

Consultation:
We have discussed this change with our Program Supervisors at our Departmental Curriculum Committee meeting and all support this change.
Approved by DCC: June 21, 2017

Resources:

BIOC15H3: Genetics

Prerequisites:
Previous: [[BIOB10H3 and BIOB11H3] or BIOB10Y3] and [PSYB07H3 or STAB22H3]

New: [BIOB11H3 or (BIOB10Y3)] and [PSYB07H3 or STAB22H3]

Track Changes: ~~[~~[~~BIOB10H3 and~~ BIOB11H3~~]~~ or (BIOB10Y3)]and [PSYB07H3 or STAB22H3]

Rationale:
1) BIOB10H3 as it is a prerequisite for BIOB11H3 and therefore is redundant here.
2) Placed brackets around BIOB10Y to show the course has been retired.

Consultation:

We have discussed this change with our Program Supervisors at our Departmental Curriculum Committee meeting and all support this change.
Approved by DCC: June 21, 2017

Resources:

BIOC17H3: Microbiology

Prerequisites:
Previous: [[BIOB10H3 and BIOB11H3] or BIOB10Y3]

New: BIOB11H3 or (BIOB10Y3)

Track Changes: ~~[[BIOB10H3 and~~ BIOB11H3~~]~~ or (BIOB10Y3)~~]~~

Rationale:
BIOB10H3 is a prerequisite for BIOB11H3 and therefore redundant here; brackets have been added to BIOB10Y as this course has been retired.

Consultation:
We have discussed this change with our Program Supervisors at our Departmental Curriculum Committee meeting and all support this change.
Approved by DCC: June 21, 2017

Resources:

BIOC19H3: Animal Developmental Biology

Prerequisites:
Previous: [BIOB10H3 and BIOB11H3] or BIOB10Y3

New: BIOB11H3 or (BIOB10Y3)

Track Changes: ~~[BIOB10H3 and~~ BIOB11H3~~]~~ or (BIOB10Y3)

Rationale:
BIOB10H3 is a prerequisite for BIOB11H3; including it here is redundant; brackets added to BIOB10Y as this course is retired.

Consultation:
We have discussed this change with our Program Supervisors at our Departmental Curriculum Committee meeting and all support this change.
Approved by DCC: June 21, 2017

Resources:

BIOC21H3: Vertebrate Histology: Cells and Tissues

Prerequisites:
Previous: [BIOB10H3 or BIOB10Y3] and (BIOB30H3) or BIOB34H3

New: [BIOB10H3 or (BIOB10Y3)] and [(BIOB30H3) or BIOB34H3]

Track Changes: [BIOB10H3 or (BIOB10Y3)]and [(BIOB30H3)or BIOB34H3]

Rationale:
Brackets added to BIOB10Y as this course is retired.

Consultation:
We have discussed this change with our Program Supervisors at our Departmental Curriculum Committee meeting and all support this change.
Approved by DCC: June 21, 2017

Resources:

BIOC23H3: Practical Approaches to Biochemistry

Exclusions:
Previous: BCH370H, BCH371H, BCH377H, BCH378H

New: BCH370H, (BCH371H), BCH377H, BCH378H

Track Changes: BCH370H, (BCH371H), BCH377H, BCH378H

Rationale:
Brackets have been added to BCH371H in the exclusions to show that it has been retired.

Consultation:
We have discussed this change with our Program Supervisors at our Departmental curriculum committee meeting and all support this change.
We have also been in contact with the Psychology Department as well as the Department of Physical and Environmental Sciences.
Approved by DCC: June 21, 2017

Resources:

BIOC31H3: Plant Development and Biotechnology

Prerequisites:
Previous: [BIOB10H3 and BIOB11H3] or BIOB10Y3

New: BIOB11H3 or (BIOB10Y3)

Track Changes: ~~[BIOB10H3 and~~ BIOB11H3~~]~~ or (BIOB10Y3)

Rationale:
Revised prerequisites: BIOB10H3 is a prerequisite for BIOB11H3, including it here is redundant; brackets have been added to BIOB10Y3 as this course has been retired.

Consultation:
We have discussed this change with our Program Supervisors at our Departmental Curriculum Committee meeting and all support this change.
Approved by DCC: June 21, 2017

Resources:

BIOC39H3: Immunology

Prerequisites:
Previous: [BIOB10H3 and BIOB11H3] or BIOB10Y3

New: BIOB11H3 or (BIOB10Y3)

Track Changes: ~~[BIOB10H3 and~~ BIOB11H3~~]~~ or (BIOB10Y3)

Rationale:
Revised prerequisites: BIOB10H3 is a prerequisite for BIOB11H3, including it here is redundant; added brackets to BIOB10Y3 as this course has been retired.

Consultation:
We have discussed this change with our Program Supervisors at our Departmental Curriculum Committee meeting and all support this change.
Approved by DCC: June 21, 2017

Resources:

BIOC40H3: Plant Physiology

Prerequisites:
Previous: [BIOB10H3 and BIOB11H3] or BIOB10Y3

New: BIOB11H3 or (BIOB10Y3)

Track Changes: ~~[BIOB10H3 and~~ BIOB11H3~~]~~ or (BIOB10Y3)

Rationale:
Revised prerequisites: BIOB10H3 is a prerequisite for BIOB11H3, including it here is redundant; adding brackets to BIOB10Y3 as this course has been retired.

Consultation:
We have discussed this change with our Program Supervisors at our Departmental Curriculum Committee meeting and all support this change.
Approved by DCC: June 21, 2017

Resources:

BIOC62H3: Role of Zoos in Conservation

Title:
Previous: Role of Zoos in Conservation

New: Role of Zoos and Aquariums in Conservation

Track Changes: Role of Zoos and Aquariums in Conservation

Abbreviated Title:
Previous: Role of Zoos in Conservation

New: Role of Zoo and Aqua in Conser

Track Changes: Role of Zoo and Aqua ~~Zoos~~ in Conser ~~Conservation~~

Description:

Previous: This lecture and tutorial course explores strategic and operational aspects of zoos in conservation. Emphasis is on contemporary issues, including balance between animal welfare and species conservation; nutrition, health and behavioural enrichment for captive animals; *in situ* conservation by zoos; captive breeding and species reintroductions; and public outreach/education.

New: This lecture and tutorial course explores strategic and operational aspects of zoos and aquariums in conservation. Emphasis is on contemporary issues, including balance between animal welfare and species conservation; nutrition, health and behavioural enrichment for captive animals; *in situ* conservation by zoos; captive breeding and species reintroductions; and public outreach/education.

Track Changes: This lecture and tutorial course explores strategic and operational aspects of zoos and aquariums in conservation. Emphasis is on contemporary issues, including balance between animal welfare and species conservation; nutrition, health and behavioural enrichment for captive animals; *in situ* conservation by zoos; captive breeding and species reintroductions; and public outreach/education.

Rationale:
This name change (both in the title and course description) reflect the fact that the course also covers the zoo aquariums which is somewhat different from the rest of the zoo.

Consultation:

We have discussed this change with our Program Supervisors at our Departmental Curriculum Committee meeting and all support this change.
The Zoo had requested this change to better reflect the content delivered by the instructors from the Zoo.
Approved by DCC: June 21, 2017

Resources:

BIOD08H3: Theoretical Neuroscience

Description:

Previous: A seminar covering topics in the theory of neural information processing, focused on perception, movement, learning and memory. Through reading, discussion and working with computer models students will learn fundamental concepts underlying current theories of brain function including information theory, spike-time/rate coding, population codes, deep learning architectures, liquid state-machines and Bayesian optimality.

Same as NROD08H3

New: A seminar covering topics in the theory of neural information processing, focused on perception, action, learning and memory. Through reading, discussion and working with computer models students will learn fundamental concepts underlying current mathematical theories of brain function including information theory, spike-time/rate coding, population codes, deep learning architectures, auto-associative memories, reinforcement learning and Bayesian optimality.

Same as NROD08H3

Track Changes: A seminar covering topics in the theory of neural information processing, focused on perception, action ~~movement~~, learning and memory. Through reading, discussion and working with computer models students will learn fundamental concepts underlying current mathematical theories of brain function including information theory, spike-time/rate coding, population codes, deep learning architectures, auto-associative memories, reinforcement learning ~~liquid state-machines~~ and Bayesian optimality.

Same as NROD08H3

Rationale:
These are editorial changes that do not change the learning outcomes of the course.

Consultation:
We have discussed this change with our Program Supervisors at our Departmental Curriculum Committee meeting and all support this change.
BIOD08H3 is a double-numbered course with NROD08H3; the proposed changes have been discussed with the Dept of Psychology.
Approved by Psychology: June 12, 2017
Approved by DCC: June 21, 2017

Resources:

BIOD29H3: Pathobiology of Human Disease

Prerequisites:
Previous: BIOC10H3 or BIOC17H3 or BIOC39H3

New: BIOC10H3 or BIOC20H3 or BIOC39H3

Track Changes: BIOC10H3 or BIOC20H3 ~~BIOC17H3~~ or BIOC39H3

Rationale:
Some background knowledge of BIOC20H3 would be highly beneficial to students who wish to take BIOD29H3. BIOD29 does not discuss content that directly builds on the topics covered in BIOC17H3 anymore. In the absence of a Virology

course, BIOC17 was listed as a prerequisite in order for students taking BIOD29 to have had any exposure to topics of relevance to pathogens and their exploitation of cellular mechanisms.

Consultation:
We have discussed this change with our Program Supervisors at our Departmental Curriculum Committee meeting and all support this change.
Approved by DCC: September 19, 2017

Resources:

BIOD37H3: Biology of Plant Stress

Prerequisites:
Previous: [[BIOB10H3 and BIOB11H3] or BIOB10Y3]] and [BIOC40H3 or (BIOB31H3)]

New: [BIOB11H3 or (BIOB10Y3)] and [BIOC31H3 or BIOC40H3 or (BIOB31H3)]

Track Changes: ~~[~~[~~BIOB10H3~~ ~~and~~ BIOB11H3~~]~~ or (BIOB10Y3)~~]~~]and [BIOC31H3 or BIOC40H3 or(BIOB31H3)]

Rationale:
1) BIOB10H3 has been removed from the prerequisite as it is a prerequisite for BIOB11H3 and therefore redundant.
2) Brackets have been added BIOB10Y3 as this course is retired.
3) BIOC31H3 has been added as an optional prerequisite because students who complete BIOC31H3 have appropriate background to be successful in BIOD37.

Consultation:
We have discussed this change with our Program Supervisors at our Departmental Curriculum Committee meeting and all support this change.
Approved by DCC: June 21, 2017

Resources:

BIOD45H3: Animal Communication

Description:

Previous: Theoretical and biological aspects of communication in non-human animals; communication behaviour; decision-making and signal design; evolution of communication.

New: This course will examine how animals send and receive signals in different sensory modalities, and the factors that govern the evolution and structure of communication signals. Using diverse examples (from bird songs and electric fish) the course will demonstrate the importance of communication in the organization of animal behaviour, and introduce some theoretical and empirical tools used in studying the origins and structure of animal communication.

Track Changes: This course will examine how animals send ~~Theoretical~~ and receive signals in different sensory modalities, and the factors that govern the evolution and structure ~~biological~~ ~~aspects~~ of communication signals. Using diverse examples (from bird songs and electric fish) the course will demonstrate the importance of ~~in~~ ~~non-human~~ ~~animals;~~ communication in the organization of animal behaviour, ~~behaviour;~~ ~~decision-making~~ and introduce some theoretical and empirical tools used in studying the origins and structure ~~signal~~ ~~design;~~ ~~evolution~~ of animal communication.

Rationale:
The new description more accurately reflects the course content. This change will provide students a better understanding of the material covered in the course. No changes are being made to the course learning outcomes, topics covered, or methods of assessment.

Consultation:

We have discussed this change with our Program Supervisors at our Departmental Curriculum Committee meeting and all support this change.
Approved by DCC: June 21, 2017

Resources:

BIOD65H3: Pathologies of the Nervous System

Prerequisites:
Previous: [BIOB11H3 or BIOB10Y3] and [one of: BIOC32H3, NROC61H3, NROC64H3 or NROC69H3]

New: [BIOB11H3 or (BIOB10Y3)] and [one of: BIOC32H3, NROC61H3, NROC64H3 or NROC69H3]

Track Changes: [BIOB11H3 or (BIOB10Y3)]and[one of:BIOC32H3, NROC61H3, NROC64H3 or NROC69H3]

Rationale:
Brackets have been added to BIOB10Y3 as this course is being retired.

Consultation:
We have discussed this change with our Program Supervisors at our Departmental Curriculum Committee meeting and all support this change.
Approved by DCC: June 21, 2017

Resources:

1 Retired Course:

BIOB10Y3: Cell Biology and Molecular Aspects of Genetic Processes

Rationale:
1) The course is now redundant since BIOB10H3F and BIOB11H3S can be offered during the summer term as accelerated courses. This change offers more flexibility to students wanting only a half course or having to retake one course.

Consultation:
Date on which the proposal was approved by DCC: June 21, 2017.
We have discussed retiring this course with our Program Supervisors at our departmental curriculum committee meeting and all support the retirement of BIOB10Y3.

UNIVERSITY OF TORONTO SCARBOROUGH

2018-19 Curriculum Cycle
Undergraduate Minor Curriculum Modifications for Information Report: Management

January 25, 2018

Management (UTSC), Department of

2 Minor Program Modifications:

SPECIALIST PROGRAM IN MANAGEMENT AND INFORMATION TECHNOLOGY (BACHELOR OF BUSINESS ADMINISTRATION)

Completion Requirements:

Track Changes:

Program Requirements
The Program requires the completion of 18.5 to 19.5 credits as part of a twenty-credit B.B.A. degree.

Note: A single course may only be used once to fulfill one of the following requirements:

1. (7.0 to 8.0 credits, depending on the combination of courses completed):
MGMA01H3/(MGTB04H3) Principles of Marketing
MGTA05H3 Foundations of Business Management or [(MGTA01H3/MGTA03H3) and (MGTA02H3/MGTA04H3)]
[MGTA35H3 Management Communications for non Co-op or MGTA36H3 Management Communications for Co-op or (MGTC36H3)]
MGAB01H3/(MGTB05H3) Introductory Financial Accounting l
MGAB02H3/(MGTB06H3) Introductory Financial Accounting ll
MGAB03H3/(MGTB03H3) Introductory Management Accounting
MGFB10H3/(MGTB09H3) Principles of Finance
[MGHB02H3 Managing People and Groups in Organizations or [(MGTB23H3) and (MGTB29H3)] or (MGTB27Y3)]
MGHB12H3/(MGTC22H3) Human Resource Management
MGMB01H3/(MGTC05H3) Marketing Management
MGFC10H3/(MGTC09H3) Intermediate Finance
MGHC02H3/(MGTC90H3) Management Skills
MGOC10H3/(MGTC74H3) Analysis for Decision Making
MGOC20H3/(MGTC75H3) Operations Management: A Mathematical Approach

2. (1.0 credit):
[MATA32H3 and MATA33H3], strongly recommended or
[MATA30H3/A31H3 and MATA35H3/A36H/A37H3]

3. (5.0 credits):
CSCA08H3 Introduction to Computer Science l
CSCA48H3 Introduction to Computer Science ll

CSCA67H3 Discrete Mathematics
CSCB07H3 Software Design
CSCB09H3 Software Tools and Systems Software
CSCB20H3 Introduction to Databases and Web Applications
CSCB36H3 Introduction to the Theory of Computation
CSCC01H3 Introduction to Software Engineering
MATA23H3 Linear Algebra l

MATA22H3 Linear Algebra l for Mathematical Sciences
MATB24H3 Linear Algebra ll

4. (4.0 credits):
MGEA02H3/(ECMA04H3) Introduction to Microeconomics: A Mathematical Approach
MGEA06H3/(ECMA06H3) Introduction to Macroeconomics: A Mathematical Approach
MGEB02H3/(ECMB02H3) Price Theory: A Mathematical Approach
MGEB06H3/(ECMB06H3) Macroeconomic Theory and Policy: A Mathematical Approach
MGEB11H3/(ECMB11H3) Quantitative Methods in Economics l
MGEB12H3/(ECMB12H3) Quantitative Methods in Economics ll and
1 full credit of C-level Economics for Management Studies courses [excluding MGEC91H3/(ECMC91H3), MGEC92H3/(ECMC92H3), MGEC93H3/(ECMC93H3)]

5. (0.5 credit):
[CSCD03H3 Social Impact of Information Technology or MGSC14H3/(MGTC59H3) Management Ethics]

6. 1.0 credits at the D-level in Management, Economics or CSC courses.

NOTE: In selecting options and electives, students should refer to the guidelines for program breadth and depth found in section 6A.2 (Degree Requirements) of this *Calendar* .

Description of Proposed Changes:
MATA22H3 is being added to requirement #3, and MATA23H3 is being removed from requirement #3.

Rationale:
The department of Computer & Mathematical Sciences has recently added MATA22H3 as a prerequisite for MATB24H3, and MATA22H3 is of more academic relevance to MATB24H3 than MATA23H3. Therefore it is necessary for our Specialist in Management & Information Technology to make this minor update.

Impact:
Students who are currently in MGT & IT specialist will be informed of the change in requirements, and if they have already taken MATA23H3, the department will make an exception. We believe that by taking the new course material our students will be better prepared for the upper level algebra course.

Consultation:
This proposal was approved on January 22, 2018 because we only recently became aware of this course. Management, Academic Director, Prof. Ahmed consulted with Prof. Ray Grinnell, Associate Chair Mathematics & Statistics in Computer & Mathematical Sciences, Prof. Harry Krashinsky, Chair of Curriculum Committee, Prof. David Zweig, Chair of Management

Resource Implications: None

SPECIALIST PROGRAM IN STRATEGIC MANAGEMENT - Management Strategy Stream (BACHELOR OF BUSINESS ADMINISTRATION)

Completion Requirements:

Track Changes:

Program Requirements
To complete the program, a student must meet the course requirements described below. The program requirements comprise a core of 12.5 to 13.5 credits common to both streams, and additional requirements which depend on the stream for a total of 15.0 to 16.0 credits for the Management Strategy stream and 16.0 to 17.0 credits for the Entrepreneurship stream.

Note : A single course may only be used once to fulfill one of the following requirements:

Core (12.5 to 13.5 credits):

1. (7.5 to 8.5 credits, depending on the combination of courses completed):
MGMA01H3/(MGTB04H3) Principles of Marketing
MGTA05H3 Foundations of Business Management or [(MGTA01H3/MGTA03H3) and (MGTA02H3/MGTA04H3)]
[MGTA35H3 Management Communications for non Co-op or MGTA36H3 Management Communications for Co-op or (MGTC36H3)]
MGAB01H3/(MGTB05H3) Introductory Financial Accounting l
MGAB02H3/(MGTB06H3) Introductory Financial Accounting ll
MGAB03H3/(MGTB03H3) Introductory Management Accounting
MGFB10H3/(MGTB09H3) Principles of Finance
[MGHB02H3 Managing People and Groups in Organizations or [(MGTB23H3) and (MGTB29H3)] or (MGTB27Y3)]
MGHB12H3/(MGTC22H3) Human Resource Management
MGMB01H3/(MGTC05H3) Marketing Management
MGFC10H3/(MGTC09H3) Intermediate Finance
MGHC02H3/(MGTC90H3) Management Skills
MGOC10H3/(MGTC74H3) Analysis for Decision Making
MGOC20H3/(MGTC75H3) Operations Management: A Mathematical Approach
One additional half-credit (0.5) at the D-level in either Management or Economics for Management Studies courses

2. (1.0 credit):
[MATA32H3 and MATA33H3] strongly recommended, or
[MATA30H3/A31H3 and MATA35H3/A36H3/A37H3]

3. (4.0 credits):
MGEA02H3/(ECMA04H3) Introduction to Microeconomics: A Mathematical Approach
MGEA06H3/(ECMA06H3) Introduction to Macroeconomics: A Mathematical Approach
MGEB02H3/(ECMB02H3) Price Theory: A Mathematical Approach
MGEB06H3/(ECMB06H3) Macroeconomic Theory and Policy: A Mathematical Approach
MGEB11H3/(ECMB11H3) Quantitative Methods in Economics l
MGEB12H3/(ECMB12H3) Quantitative Methods in Economics ll, and
1 full credit of C-level Economics for Management Studies courses [excluding MGEC91H3/(ECMC91H3), MGEC92H3/(ECMC92H3), MGEC93H3/(ECMC93H3)]

Management Strategy Stream (2.5 credits):

4. At least 0.5 credit of courses emphasizing strategic management, chosen from:
MGSB22H3/(MGTC38H3) Entrepreneurship
MGSC12H3/(MGTC35H3) Narrative and Management
MGSC14H3/(MGTC59H3) Management Ethics
MGSC20H3/(MGTC19H3) Consulting and Contracting: New Ways of Work
MGSC30H3/(MGTC31H3) The Legal Environment of Business l
MGSD24H3/(MGTC39H3) New Venture Creation and Planning

5. 1.0 credit from:
MGSC01H3/(MGTC41H3) Corporate Strategy
MGSC03H3/(MGTC42H3) Public Management, or
MGSC05H3/(MGTC45H3) The Changing World of Business-Government Relations

6. 0.5 credit from:
MGEB32H3/(ECMB36H3) Economics Aspects of Public Policy
MGEC31H3/(ECMC31H3) Economics of the Public Sector: Taxation
MGEC32H3/(ECMC32H3) Economics of the Public Sector: Expenditures
MGED43H3/(MGEC43H3)/(ECMC43H3) Organization Strategies
MGMC30H3/(MGTC33H3) Event and Sponsorship Management
MGSB22H3/(MGTC38H3) Entrepreneurship
MGSC01H3/(MGTC41H3) Corporate Strategy
MGSC03H3/(MGTC42H3) Public Management
MGSC05H3/(MGTC45H3) The Changing World of Business-Government Relations
MGSC12H3/(MGTC35H3) Narrative and Management
MGSC14H3/(MGTC59H3) Management Ethics
MGSC20H3/(MGTC19H3) Consulting and Contracting: New Ways of Work
MGSC30H3/(MGTC31H3) The Legal Environment of Business l
MGSD32H3/(MGSC32H3)/(MGTC32H3) The Legal Environment of Business ll
MGSD24H3/(MGTC39H3) New Venture Creation and Planning
MGTC55H3 Planning & Budgeting for Public Institutions
MGTC56H3 Educational Finance & Economics
MGAD40H3/(MGTD54H3) Management Control Systems
(MGSD10H3)/(MGTD40H3) Knowledge Management
MGSD15H3 Managing in the Information Economy
MGSD30H3/(MGTD45H3) Intellectual Property Law
PPGC66H3 Public Policy Making

7. (0.5 credit):
MGSD01H3/(MGTD47H3) Senior Seminar in Strategic Management

Entrepreneurship Stream (3.5 credits):

4. At least 0.5 credit of courses emphasizing strategic management, chosen from:
MGSC12H3/(MGTC35H3) Narratives on Management and Organization
MGSC14H3/(MGTC59H3) Management Ethics
MGSC30H3/(MGTC31H3) The Legal Environment of Business l

5. (3.0 credits):
MGFC20H3/(MGTC70H3) Personal Financial Management
MGHC52H3/(MGTC52H3) Business Negotiation
MGSB22H3/(MGTC38H3) Entrepreneurship
MGSC20H3/(MGTC19H3) Consulting and Contracting: New Ways of Work
MGSC26H3 Venture Capital
MGSD24H3/(MGTC39H3) New Venture Creation and Planning

NOTE: In selecting options and electives, students should refer to the guidelines for program breadth and depth found in section 6A.2 (Degree Requirements) of this *Calendar* .

Description of Proposed Changes:
MGSC32H3 is changed to MGSD32H3 in component 6 of the Management Strategy stream.

Rationale:
Updated to reflect changes to MGSC32H3. We submitted a curriculum proposal for MGSC32H3 to be changed to MGSD32H3, which was approved on Sept. 22, 2017; therefore this minor change is necessary to component 6 of this Specialist.

Impact:
none

Consultation:
Consulted with Prof. Harry Krashinsky, Chair of Curriculum Committee, Prof. Hugh Laurence, Area Co-ordinator for Strategy. Original course proposal was approved by committee on Sept. 22, 2017, and this minor change proposal was approved by Prof. Laurence on January 22, 2018.

Resource Implications: None

41 Course Modifications:

MGAC01H3: Intermediate Financial Accounting I

Prerequisites:
Previous: Completion of 8.0 full credits including MGAB03H3/(MGTB03H3) and MGAB02H3/(MGTB06H3)

New: Completion of 8.0 credits including MGAB03H3/(MGTB03H3) and MGAB02H3/(MGTB06H3) and [MGTA35H3 or MGTA36H3]

Track Changes: Completion of 8.0 ~~full~~ credits including MGAB03H3/(MGTB03H3)and MGAB02H3 /(MGTB06H3) and [MGTA35H3 or MGTA36H3]

Rationale:
Adding [MGTA35H3 or MGTA36H3] to the prerequisites will ensure students have the necessary written and verbal communication skills to be successful in this course, and the BBA program.

Consultation:
Curriculum Committee approved these changes on March 2, 2017.

Resources: None

MGEA01H3: Introduction to Microeconomics

Exclusions:
Previous: MGEA02H3/(ECMA04H3), (ECMA01H3), ECO100Y, ECO105Y

New: MGEA02H3/(ECMA04H3), (ECMA01H3), ECO100Y, ECO105Y, ECO101H

Track Changes: MGEA02H3/(ECMA04H3),(ECMA01H3), ECO100Y, ECO105Y, ECO101H

Rationale:
The Department of Economics at UTSG has added a new course, ECO101H1 (Principles of Microeconomics), which has sufficient overlap to be added as an exclusion to MGEA01H3.

Consultation:
Proposal approved by DCC: May 16, 2017

Resources: None

MGEA02H3: Introduction to Microeconomics: A Mathematical Approach

Exclusions:
Previous: MGEA01H3/(ECMA01H3), (ECMA04H3), ECO100Y, ECO105Y

New: MGEA01H3/(ECMA01H3), (ECMA04H3), ECO100Y, ECO105Y, ECO101H

Track Changes: MGEA01H3/(ECMA01H3),(ECMA04H3), ECO100Y, ECO105Y, ECO101H

Rationale:

The Department of Economics at UTSG has added a new course, ECO101H1 (Principles of Microeconomics), which has sufficient overlap to be included as an exclusion for MGEA02H3.

Consultation:
Proposal approved by DCC: May 16, 2017

Resources: None

MGEA05H3: Introduction to Macroeconomics

Exclusions:
Previous: MGEA06H3/(ECMA06H3), (ECMA05H3), ECO100Y, ECO105Y

New: MGEA06H3/(ECMA06H3), (ECMA05H3), ECO100Y, ECO105Y, ECO102H

Track Changes: MGEA06H3/(ECMA06H3),(ECMA05H3), ECO100Y, ECO105Y, ECO102H

Rationale:
The Department of Economics at UTSG has added a new course, ECO102H1 (Principles of Macroeconomics), which has sufficient overlap with MGEA05H3 to warrant adding it to the exclusions.

Consultation:
Proposal approved by DCC: May 16, 2017

Resources: None

MGEA06H3: Introduction to Macroeconomics: A Mathematical Approach

Exclusions:
Previous: MGEA05H3/(ECMA05H3), (ECMA06H3), ECO100Y, ECO105Y

New: MGEA05H3/(ECMA05H3), (ECMA06H3), ECO100Y, ECO105Y, ECO102H1

Track Changes: MGEA05H3/(ECMA05H3),(ECMA06H3), ECO100Y, ECO105Y, ECO102H1

Recommended Preparation:
Previous: Completion of Grade 12 Calculus is strongly recommended. It is also recommended that MATA32H3 and MATA33H3 (or equivalents) be taken simultaneously with MGEA02H3/(ECMA04H3) and MGEA06H3/(ECMA06H3).

New: Completion of Grade 12 Calculus is strongly recommended. It is also recommended that MATA32H3 and MATA33H3 (or equivalents) be taken simultaneously with MGEA02H3/(ECMA04H3) and MGEA06H3/(ECMA06H3)

Track Changes: Completion of Grade 12 Calculus is strongly recommended. It is also recommended that MATA32H3 and MATA33H3(or equivalents)be taken simultaneously with MGEA02H3/(ECMA04H3) and MGEA06H3/(ECMA06H3).

Rationale:
The Department of Economics at UTSG has added a new course, ECO102H1 Principles of Macroeconomics to its course offerings. There is sufficient overlap with MGEA06H3 to warrant adding it as an exclusion.

Consultation:
Management Curriculum Committee approved this change May 16, 2017

Resources: None

MGEB02H3: Price Theory: A Mathematical Approach

Prerequisites:
Previous: MGEA02H3/(ECMA04H3) and MGEA06H3/(ECMA06H3) and [[MATA32H3 and MATA33H3] (or equivalents) or (MATA27H3)]. Students who have completed MGEA01H3/(ECMA01H3) and MGEA05H3/(ECMA05H3) and [MATA32H3 and MATA33H3] (or equivalents) may be admitted with the permission of the Supervisor of Studies.

New: MGEA02H3/(ECMA04H3) and MGEA06H3/(ECMA06H3)and [MATA29H3 or MATA30H3 or MATA31H3 or MATA32H3] and [MATA33H3 or MATA35H3 or MATA36H3 or MATA37H3]. Students who have completed MGEA01H3/(ECMA01H3)and MGEA05H3/(ECMA05H3)and [MATA29H3 or MATA30H3 or MATA31H3 or MATA32H3] and [MATA33H3 or MATA35H3 or MATA36H3 or MATA37H3] may be admitted with the permission of the Academic Director, Economics.

Track Changes: MGEA02H3/(ECMA04H3)and MGEA06H3 /(ECMA06H3) and ~~[~~[MATA29H3 or MATA30H3 or MATA31H3 or MATA32H3] and [MATA33H3~~]~~ ~~(~~or MATA35H3 ~~equivalents)~~ or MATA36H3 or MATA37H3 ~~(MATA27H3))~~]. Students who have completed MGEA01H3/(ECMA01H3) and MGEA05H3/(ECMA05H3) and [MATA29H3 or MATA30H3 or MATA31H3 or MATA32H3] and [MATA33H3~~]~~ ~~(~~or MATA35H3 or MATA36H3 or MATA37H3] ~~equivalents)~~ may be admitted with the permission of the Academic Director, Economics. ~~Supervisor of Studies.~~

Rationale:
The prerequisites have been updated to clarify the calculus requirement for the course.

Consultation:
Proposal approved by DCC: May 16, 2017

Resources: None

MGEB06H3: Macroeconomic Theory and Policy: A Mathematical Approach

Prerequisites:
Previous: MGEA02H3(ECMA04H3) and MGEA06H3/(ECMA06H3) and [MATA32H3 and MATA33H3] (or equivalents). Students who have completed MGEA01H3/(ECMA01H3) and MGEA05H3/(ECMA05H3) and [MATA32H3 and MATA33H3] (or equivalents) may be admitted with the permission of the Supervisor of Studies.

New: MGEA02H3/(ECMA04H3) and MGEA06H3/(ECMA06H3) and [MATA29H3 or MATA30H3 or MATA31H3 or MATA32H3] and [MATA33H3 or MATA35H3 or MATA36H3 or MATA37H3]. Students who have completed MGEA01H3/(ECMA01H3) and MGEA05H3/(ECMA05H3) and [MATA29H3 or MATA30H3 or MATA31H3 or MATA32H3] and [MATA33H3 or MATA35H3 or MATA36H3 or MATA37H3] may be admitted with the permission of the Academic Director, Economics.

Track Changes: MGEA02H3 /(ECMA04H3)and MGEA06H3/(ECMA06H3) and[MATA29H3 or MATA30H3 or MATA31H3 or MATA32H3] and [MATA33H3~~]~~ ~~(~~or MATA35H3 or MATA36H3 or MATA37H3] ~~equivalents)~~. Students who have completed MGEA01H3/(ECMA01H3) and MGEA05H3/(ECMA05H3) and [MATA29H3 or MATA30H3 or MATA31H3 or MATA32H3] and [MATA33H3~~]~~ ~~(~~or MATA35H3 or MATA36H3 or MATA37H3] ~~equivalents)~~ may be admitted with the permission of the Academic Director, Economics. ~~Supervisor of Studies.~~

Rationale:
The changes clarify the calculus requirements for the course.

Consultation:
Proposal approved by DCC: May 16, 2017

Resources: None

MGEB11H3: Quantitative Methods in Economics I

Prerequisites:
Previous: MGEA02H3/(ECMA04H3) and MGEA06H3/(ECMA06H3) and [MATA32H3 and MATA33H3] (or equivalents). Students who have completed MGEA01H3/(ECMA01H3) and MGEA05H3/(ECMA05H3) and [MATA32H3 and MATA33H3] (or equivalents) may be admitted with the permission of the Supervisor of Studies.

New: MGEA02H3/(ECMA04H3) and MGEA06H3/(ECMA06H3) and [MATA29H3 or MATA30H3 or MATA31H3 or MATA32H3] and [MATA33H3 or MATA35H3 or MATA36H3 or MATA37H3]; Students who have completed MGEA01H3/(ECMA01H3) and MGEA05H3/(ECMA05H3) and [MATA29H3 or MATA30H3 or MATA31H3 or MATA32H3] and [MATA33H3 or MATA35H3 or MATA36H3 or MATA37H3] may be admitted with the permission of the Academic Director, Economics.

Track Changes: MGEA02H3/(ECMA04H3)and MGEA06H3 /(ECMA06H3) and[MATA29H3 or MATA30H3 or MATA31H3 or MATA32H3] and [MATA33H3~~]~~ ~~(~~or MATA35H3 or MATA36H3 or MATA37H3] ; ~~equivalents).~~ Students who have completed MGEA01H3/(ECMA01H3) and MGEA05H3/(ECMA05H3) and [MATA29H3 or MATA30H3 or MATA31H3 or MATA32H3] and [MATA33H3~~]~~ ~~(~~or MATA35H3 or MATA36H3 or MATA37H3] ~~equivalents)~~ may be admitted with the permission of the Academic Director, Economics. ~~Supervisor of Studies.~~

Rationale:
The prerequisites have been revised to clarify the calculus requirement.

Consultation:
Curriculum Committee approved on May 16, 2017.

Resources: None

MGEB12H3: Quantitative Methods in Economics II

Prerequisites:
Previous: [MGEB11H3/(ECMB11H3) or [STAB52H3 and STAB57H3]] and [MATA32H3 and MATA33H3] (or equivalents)

New: [MGEB11H3/(ECMB11H3) or [STAB52H3 and STAB57H3]] and [MATA29H3 or MATA30H3 or MATA31H3 or MATA32H3] and [MATA33H3 or MATA35H3 or MATA36H3 or MATA37H3]

Track Changes: [MGEB11H3/(ECMB11H3)or[STAB52H3 and STAB57H3]] and [MATA29H3 or MATA30H3 or MATA31H3 or MATA32H3] and [MATA33H3~~]~~ ~~(~~or MATA35H3 or MATA36H3 or MATA37H3] ~~equivalents)~~

Exclusions:
Previous: (ECMB12H3), ECO220Y, ECO227Y, STAB27H3, STAC67H3.

New: (ECMB12H3), ECO220Y, ECO227Y, STAB27H3, STAC67H3

Track Changes: (ECMB12H3), ECO220Y, ECO227Y, STAB27H3, STAC67H3 ~~STAC67H3.~~

Rationale:
The changes clarify the calculus requirements for the course.

Consultation:
Proposal approved by DCC: May 16, 2017

Resources: None

MGEC02H3: Topics in Price Theory

Prerequisites:
Previous: MGEB02H3/(ECMB02H3) and [MATA32H3 and MATA33H3] (or equivalents)

New: MGEB02H3/(ECMB02H3) and [MATA29H3 or MATA30H3 or MATA31H3 or MATA32H3] and [MATA33H3 or MATA35H3 or MATA36H3 or MATA37H3]

Track Changes: MGEB02H3/(ECMB02H3)and[MATA29H3 or MATA30H3 or MATA31H3 or MATA32H3] and [MATA33H3~~]~~ ~~(~~or MATA35H3 or MATA36H3 or MATA37H3] ~~equivalents)~~

Enrolment Limits:
Previous: 80 per section

New: 60

Track Changes: Previous: 80 per section
New: 60

Note:
Previous:

New:

Track Changes: Previous:

New:

Rationale:
1. The prerequisites have been updated to clarify the calculus requirements for the course.
2. The enrolment limit has been reduced from 80 to 60 so that the course can be more interactive, provide opportunity for further in-class discussion, and allow for individual presentation of term projects and/or case studies. Additional sections of the course can be added as needed.

Consultation:
Proposal approved by DCC: May 16, 2017.

Resources:
Any teaching or TA resources needed to support additional sections of the course will be covered by the unit's existing budgets.

MGEC06H3: Topics in Macroeconomic Theory

Prerequisites:
Previous: MGEB06H3/(ECMB06H3) and [MATA32H3 and MATA33H3] (or equivalents)

New: MGEB06H3/(ECMB06H3) and [MATA29H3 or MATA30H3 or MATA31H3 or MATA32H3] and [MATA33H3 or MATA35H3 or MATA36H3 or MATA37H3]

Track Changes: MGEB06H3/(ECMB06H3)and[MATA29H3 or MATA30H3 or MATA31H3 or MATA32H3] and [MATA33H3~~]~~ ~~(~~or MATA35H3 or MATA36H3 or MATA37H3] ~~equivalents)~~

Rationale:
1. The prerequisites have been updated to clarify the calculus requirements for the course.
2. Lowering the enrolment limit from 80 to 60 will make the course more interactive, provide opportunity for further in-class discussion, and allow for individual presentation of term project and/or case studies. The department will add additional sections as enrolment requires.

Consultation:
Proposal approved by DCC: May 16, 2017.

Resources:
Any teaching or TA resources needed to support additional sections of the course will be covered by the unit's existing budgets.

MGEC11H3: Introduction to Regression Analysis

Exclusions:
Previous: ECO374H, ECM375H, (ECMB13H3), (ECMC11H3), STA302H. MGEC11H3/(ECMC11H3) may not be taken after STAC67H3. MGEC11H3/(ECMC11H3) may not be taken after or concurrently with ECO327Y.

New: ECO374H, ECM375H, (ECMB13H3), (ECMC11H3), STA302H, (ECO327Y); MGEC11H3/(ECMC11H3) may not be taken after STAC67H3.

Track Changes: ECO374H, ECM375H,(ECMB13H3), (ECMC11H3), STA302H,~~.~~ ~~MGEC11H3/~~(ECO327Y ~~ECMC11H3~~) ; ~~may not be taken after STAC67H3.~~ MGEC11H3/(ECMC11H3) may not be taken after STAC67H3. ~~or concurrently with ECO327Y.~~

Rationale:
The exclusions have been updated to reflect that ECO327Y has been retired, and for this reason the statement "MGEC11H3/(ECMC11H3) may not be taken after or concurrently with ECO327Y" is no longer necessary, and has also been removed.

Consultation:
Proposal approved by DCC: September 22, 2017.

Resources: None

MGEC21H3: Classics in the History of Economic Thought

Exclusions:
Previous: (ECMC27H3), ECO322Y, ECO429Y
New: (ECMC27H3), ECO322Y, (ECO429Y), ECO429H, ECO428H
Track Changes: (ECMC27H3), ECO322Y, (ECO429Y), ECO429H, ECO428H

Rationale:
The exclusions have been updated to reflect that ECO429Y has been retired; ECO429H and ECO428H have sufficient overlap with MGEC21H3 to warrant being added as exclusions.

Consultation:
Proposal approved by DCC: September 22, 2017

Resources: None

MGEC31H3: Economics of the Public Sector: Taxation

Exclusions:
Previous: (ECMC31H3), MGEC91H3/(ECMC91H3), ECO336Y
New: (ECMC31H3), MGEC91H3/(ECMC91H3), (ECO336Y), ECO336H, ECO337H
Track Changes: (ECMC31H3), MGEC91H3/(ECMC91H3), (ECO336Y), ECO336H, ECO337H

Rationale:
The exclusions have been updated to reflect that ECO336Y has been retired; ECO336H and ECO337H have been added as exclusions because there is sufficient overlap to warrant this.

Consultation:
Approved by DCC: September 22, 2017.

Resources: None

MGEC32H3: Economics of the Public Sector: Expenditures

Exclusions:
Previous: (ECMC32H3), MGEC91H3/(ECMC91H3), ECO336Y
New: (ECMC32H3), MGEC91H3/(ECMC91H3), (ECO336Y), ECO336H, ECO337H
Track Changes: (ECMC32H3), MGEC91H3/(ECMC91H3), (ECO336Y), ECO336H, ECO337H

Rationale:
The exclusions have been updated to reflect that ECO336Y has been retired; ECO336H and ECO337H have been added because there is sufficient overlap to warrant this.

Consultation:
Approved by DCC:September 22, 2017

Resources: None

MGEC34H3: Economics of Health Care

Prerequisites:
Previous: MGEB02H3/(ECMB02H3) and [MATA32H3 and MATA33H3] (or equivalents)
New: MGEB02H3/(ECMB02H3)
Track Changes: MGEB02H3/(ECMB02H3~~)~~ ~~and~~ ~~[MATA32H3~~ ~~and~~ ~~MATA33H3]~~ ~~(or~~ ~~equivalents~~)

Exclusions:
Previous: (ECMC34H3), ECO369H, ECO369Y
New: (ECMC34H3), ECO369H, (ECO369Y)
Track Changes: (ECMC34H3), ECO369H, (ECO369Y)

Rationale:
1. Changes to the prerequisites: MATA32H3 and MATA33H3 are prerequisites for MGEB02H3; including them as prerequisites for MGC34H3 is redundant.
2. Changes to the exclusions: the round brackets have been added to ECO369Y because it has been retired.

Consultation:
Proposal approved by DCC: May 16, 2017

Resources: None

MGEC37H3: Law and Economics

Exclusions:
Previous: (ECMC37H3), ECO320H, ECO320Y
New: (ECMC37H3), ECO320H, (ECO320Y)
Track Changes: (ECMC37H3), ECO320H, (ECO320Y)

Rationale:
The exclusions have updated to reflect that ECO320Y is no longer being offered.

Consultation:
Approved by DCC: September 22, 2017

Resources: None

MGEC40H3: Economics of Organization and Management

Exclusions:
Previous: (ECMC40H3), ECO310Y, ECO370Y, ECO381H, ECO426H
New: (ECMC40H3), (ECO310Y), ECO310H, ECO370Y, ECO380H
Track Changes: (ECMC40H3), (ECO310Y), ECO310H ~~ECO370Y~~, ECO370Y ~~ECO381H~~, ECO380H ~~ECO426H~~

Rationale:
The exclusions have been updated to reflect that ECO310Y has been retired; ECO310H and ECO380H have been added because they contain sufficient overlap to warrant this.

Consultation:
Proposal approved by DCC: September 22, 2017

Resources: None

MGEC41H3: Industrial Organization

Exclusions:
Previous: (ECMC41H3), MGEC92H3/(ECMC92H3), ECO310Y
New: (ECMC41H3), MGEC92H3/(ECMC92H3), (ECO310Y), ECO310H
Track Changes: (ECMC41H3), MGEC92H3/(ECMC92H3), (ECO310Y), ECO310H

Rationale:

The exclusions have been updated to show that ECO310Y is being retired; ECO310H has sufficient overlap with MGEC41H3 to warrant being added as an exclusion.

Consultation:
Proposal approved by DCC: September 22, 2017

Resources: None

MGEC51H3: Labour Economics I

Exclusions:
Previous: (ECMC51H3), ECO239Y, ECO339Y, ECO361Y
New: (ECMC51H3), (ECO239Y), (ECO339Y), ECO339H, (ECO361Y)
Track Changes: (ECMC51H3), (ECO239Y), (ECO339Y), ECO339H, (ECO361Y)

Rationale:
The exclusions have been updated to reflect that ECO239Y, ECO339Y, and ECO361Y have been retired; ECO339H has been added because there is sufficient overlap to warrant this.

Consultation:
Approved by DCC: September 22, 2017

Resources: None

MGEC52H3: Labour Economics II

Exclusions:
Previous: (ECMC52H3), MGEC58H3/(ECMC58H3), ECO239Y, ECO339Y, ECO361Y
New: (ECMC52H3), MGEC58H3/(ECMC58H3), (ECO239Y), (ECO339Y), (ECO361Y), ECO340H
Track Changes: (ECMC52H3), MGEC58H3/(ECMC58H3), (ECO239Y), (ECO339Y), (ECO361Y), ECO340H

Rationale:
The exclusion has been updated to reflect that ECO239Y, ECO339Y, and ECO361Y have been retired; ECO340H has been added because there is sufficient overlap to warrant this.

Consultation:
Proposal approved by DCC: September 22, 2017

Resources: None

MGEC54H3: Economics of Training and Education

Exclusions:
Previous: (ECMC54H3), ECO412Y
New: (ECMC54H3), (ECO412Y), ECO338H
Track Changes: (ECMC54H3), (ECO412Y), ECO338H

Rationale:
The exclusions have been updated to reflect that ECO412Y is no longer being offered; ECO338H has been added because there is sufficient overlap to warrant this.

Consultation:
Proposal approved by DCC: September 22, 2017

Resources: None

MGEC58H3: Economics of Human Resource Management

Exclusions:
Previous: (ECMC58H3), MGEC52H3/(ECMC52H3), ECO339Y
New: (ECMC58H3), MGEC52H3/(ECMC52H3), (ECO339Y), ECO381H
Track Changes: (ECMC58H3), MGEC52H3/(ECMC52H3), (ECO339Y), ECO381H

Rationale:
The exclusions have been updated to reflect that ECO339Y is no longer being offered; ECO381H has been added as an exclusion because there is sufficient overlap to warrant this.

Consultation:
Proposal approved by DCC: September 22, 2017

Resources: None

MGEC61H3: International Economics: Finance

Exclusions:
Previous: (ECMC61H3), ECO230Y, ECO328Y, ECO365H
New: (ECMC61H3), ECO230Y, (ECO328Y), ECO365H
Track Changes: (ECMC61H3), ECO230Y, (ECO328Y), ECO365H

Rationale:
The exclusions have been updated to show that ECO328Y is no longer offered.

Consultation:
Proposal approved by DCC: September 22, 2017

Resources: None

MGEC62H3: International Economics: Trade Theory

Exclusions:
Previous: (ECMC62H3), MGEC93H3/(ECMC93H3), ECO230Y, ECO328Y, ECO364H
New: (ECMC62H3), MGEC93H3/(ECMC93H3), ECO230Y, (ECO328Y), ECO364H
Track Changes: (ECMC62H3), MGEC93H3/(ECMC93H3), ECO230Y, (ECO328Y), ECO364H

Rationale:
The exclusions have been updated to reflect that ECO328Y has been retired.

Consultation:
Approved by DCC: September 22, 2017

Resources: None

MGEC71H3: Money and Banking

Exclusions:
Previous: (ECMC48H3)
New: (ECMC48H3), ECO349H
Track Changes: (ECMC48H3), ECO349H

Rationale:
There is sufficient overlap with MGEC71H3 to warrant adding ECO349H to the exclusion list.

Consultation:
Approved by DCC: September 22, 2017

Resources: None

MGEC80H3: Topics in North American Economic Development

Exclusions:
Previous: (ECMC80H3), ECO321Y
New: (ECMC80H3), (ECO321Y), ECO321H, ECO322H
Track Changes: (ECMC80H3), (ECO321Y), ECO321H, ECO322H

Rationale:
The exclusions have been updated to reflect that ECO321Y has been retired; ECO321H and ECO322H have sufficient overlap with MGEC80H3 to warrant being added as exclusions.

Consultation:
Proposal approved by DCC: September 22, 2017

Resources: None

MGEC81H3: Economic Development

Exclusions:
Previous: (ECMC66H3), ECO324Y
New: (ECMC66H3), (ECO324Y), ECO324H1
Track Changes: (ECMC66H3), (ECO324Y), ECO324H1

Rationale:
The exclusions have been updated to acknowledge that (ECO324Y) is no longer being offered; and there is sufficient overlap with ECO324H1 to warrant adding it as an exclusion.

Consultation:
Curriculum Committee, Academic Director, Economics, Prof. Au. This proposal was approved on September 22, 2017.

Resources: None

MGEC82H3: International Aspects of Development Policy

Exclusions:
Previous: (ECMC67H3), ECO324Y
New: (ECMC67H3), (ECO324Y), ECO362H
Track Changes: (ECMC67H3), (ECO324Y), ECO362H

Rationale:
The exclusions have been updated to show that ECO324Y has been retired; ECO362H is being added as an exclusion because there is sufficient overlap to warrant this.

Consultation:
Proposal approved by DCC: September 22, 2017

Resources: None

MGEC91H3: Economics and Government

Exclusions:
Previous: MGEC31H3/(ECMC31H3), MGEC32H3/(ECMC32H3), (ECMC91H3), ECO336Y
New: MGEC31H3/(ECMC31H3), MGEC32H3/(ECMC32H3), (ECMC91H3), (ECO336Y), ECO336H, ECO337H

Track Changes: MGEC31H3/(ECMC31H3), MGEC32H3 /(ECMC32H3), (ECMC91H3), (ECO336Y), ECO336H, ECO337H

Rationale:
The exclusions have been updated to be consistent with changes to UTSG courses. Round brackets have been added to ECO336Y to acknowledge that is no longer being offered; ECO336H and ECO337H, which replace ECO336Y, have been added because there is sufficient overlap to warrant this.

Consultation:
Proposal approved by DCC: September 22, 2017

Resources: None

MGEC92H3: Economics of Markets and Pricing

Exclusions:
Previous: MGEC02H3/(ECMC02H3), MGEC41H3/(ECMC41H3), (ECMC92H3), ECO200Y, ECO204Y, ECO206Y, ECO310Y

New: MGEC02H3/(ECMC02H3), MGEC41H3/(ECMC41H3), (ECMC92H3), ECO200Y, ECO204Y, ECO206Y, (ECO310Y), ECO310H

Track Changes: MGEC02H3/(ECMC02H3), MGEC41H3 /(ECMC41H3), (ECMC92H3), ECO200Y, ECO204Y, ECO206Y, (ECO310Y), ECO310H

Rationale:
The exclusions have been updated to reflect that ECO310Y is no longer being offered; ECO310H has been added to the exclusions because there is sufficient overlap to warrant this.

Consultation:
Approved by DCC: September 22, 2017

Resources: None

MGEC93H3: International Economics

Exclusions:
Previous: MGEC62H3/(ECMC62H3), (ECMC93H3), ECO230Y, ECO328Y

New: MGEC62H3/(ECMC62H3), (ECMC93H3), (ECO230Y), (ECO328Y), ECO364H, ECO365H

Track Changes: MGEC62H3/(ECMC62H3),(ECMC93H3), (ECO230Y), (ECO328Y), ECO364H, ECO365H

Rationale:
The exclusions have been updated to reflect that ECO230Y and ECO328Y have been retired. ECO364H and ECO365H have been added because their is sufficient overlap with MGEC93H3 to warrant this..

Consultation:
Proposal approved by DCC: September 22, 2017

Resources: None

MGED11H3: Theory and Practice of Regression Analysis

Exclusions:
Previous: ECO327Y, STA302H, (ECMC12H3), (ECMD10H3)

New: (ECO327Y), STA302H, (ECMC12H3), (ECMD10H3), ECO475H

Track Changes: (ECO327Y), STA302H,(ECMC12H3), (ECMD10H3), ECO475H

Rationale:

The exclusions have been updated to show that ECO327Y has been retired; ECO475H has been added because it has sufficient overlap to warrant this.

Consultation:
Proposal approved by DCC: September 22, 2017

Resources: None

MGED50H3: Workshop in Economic Research

Exclusions:
Previous: (ECMD50H3)

New: (ECMD50H3), ECO499H

Track Changes: (ECMD50H3), ECO499H

Rationale:
There is sufficient overlap with MGED50H3 to warrant adding ECO499H as an exclusion.

Consultation:
Approved by DCC: September 22, 2017

Resources: None

MGFB10H3: Principles of Finance

Prerequisites:
Previous: MGEB11H3/(ECMB11H3) and MGAB01H3/(MGTB05H3)

New: MGEB11H3/(ECMB11H3) and MGAB01H3/(MGTB05H3) and [MGTA35H3 or MGTA36H3]

Track Changes: MGEB11H3/(ECMB11H3)and MGAB01H3 /(MGTB05H3) and [MGTA35H3 or MGTA36H3]

Rationale:
Adding [MGTA35H3 or MGTA36H3] to the prerequisites will ensure students have the necessary written and verbal communication skills to be successful in this course and the BBA program in general.

Consultation:
Approved by DCC: March 2, 2017

Resources: None

MGID40H3: Introduction to International Business Law

Prerequisites:
Previous: MGSC30H3/(MGTC31H3)

New: Completion of 10.0 credits

Track Changes: Previous: MGSC30H3 / (MGTC31H3)
New: Completion of 10.0 credits

Consultation:
Academic Director, MIB, Director of Management Co-op, Professor David Zweig, Chair of department of Management, and Management Curriculum Committee. Course proposal approved March 2, 2017

Resources: None

MGOC10H3: Analysis for Decision-Making

Description:

Previous: The course develops understanding and practical skills of applying quantitative analysis for making better management decisions. Studies methodologies include linear and integer programming; multi-criteria optimization; waiting line models; decision analysis. Methodologies are practiced in a broad range of typical business problems drawn from different areas of management.

New: The course develops understanding and practical skills of applying quantitative analysis for making better management decisions. Studies methodologies include linear and integer programming; multi-criteria optimization; waiting line models; decision analysis. Methodologies are practiced in a broad range of typical business problems drawn from different areas of management.

Track Changes: The course develops understanding and practical skills of applying quantitative analysis for making better management decisions. Studies methodologies include linear and integer programming; multi-criteria optimization; waiting line models; decision analysis. Methodologies are practiced in a broad range of typical business problems drawn from different areas of management.

Prerequisites:
Previous: [[MATA32H3 and MATA33H3] or (MATA27H3)] and MGEB02H3/(ECMB02H3)) and MGEB11H3/(ECMB11H3) and MGEB12H3/(ECMB12H3

New: [MATA29H3 or MATA30H3 or MATA31H3 or MATA32H3] and [MATA33H3 or MATA35H3 or MATA36H3 or MATA37H3] and MGEB02H3/(ECMB02H3) and MGEB11H3/(ECMB11H3) and MGEB12H3/(ECMB12H3) and [MGTA36H3 or MGTA35H3]

Track Changes: ~~[~~[MATA29H3 or MATA30H3 or MATA31H3 or MATA32H3] and [MATA33H3~~]~~ or MATA35H3 or MATA36H3 or MATA37H3 ~~(MATA27H3))~~]and MGEB02H3/(ECMB02H3~~)~~)and MGEB11H3 /(ECMB11H3) and MGEB12H3/(ECMB12H3) and [MGTA36H3 or MGTA35H3]

Rationale:
The prerequisites have been revised to clarify the calculus requirement for the course. (MATA27H3) has been removed because it is no longer necessary to include it.
[MGTA36H3 or MGTA35H3] has been added to the prerequisites to ensure students have the necessary written and verbal communication skills to be successful in this course and the BBA program in general.

Consultation:
Management Curriculum Committee approved this proposal March 2, 2017.

Resources: None

MGSC14H3: Management Ethics

Prerequisites:
Previous: [MGTA01H3/(MGTA03H3) and MGTA02H3/(MGTA04H3)] or MGTA05H3

New: [[MGTA01H3/(MGTA03H3) and MGTA02H3/(MGTA04H3)] or MGTA05H3] and [MGTA36H3 or MGTA35H3]

Track Changes: [[MGTA01H3/(MGTA03H3)and MGTA02H3 /(MGTA04H3)]or MGTA05H3] and [MGTA36H3 or MGTA35H3]

Rationale:
Adding [MGTA36H3 or MGTA35H3] to the prerequisites will ensure students have the necessary written and verbal communication skills to be successful in the course and the BBA program in general.

Consultation:
Approved by DCC: March 2, 2017

Resources: None

MGSC30H3: The Legal Environment of Business I

Prerequisites:
Previous: Completion of at least 10.0 full credits including MGAB01H3/(MGTB05H3) and MGAB02H3/(MGTB06H3)

New: Completion of at least 10.0 credits including MGAB01H3/(MGTB05H3) and MGAB02H3/(MGTB06H3) and [MGTA36H3 or MGTA35H3]

Track Changes: Completion of at least 10.0 ~~full~~ credits including MGAB01H3/(MGTB05H3)and MGAB02H3 /(MGTB06H3) and [MGTA36H3 or MGTA35H3]

Rationale:
Adding MGTA36H3 or MGTA35H3 to the prerequisites will ensure students have the necessary written and verbal communication skills to be successful in the course and the BBA program in general.

Consultation:
Approved by DCC: March 2, 2017

Resources: None

MGSD15H3: Managing in the Information Economy

Breadth Requirements:
Previous: Social & Behavioural Sciences

New: History, Philosophy & Cultural Studies

Track Changes: Previous: Social & Behavioural Sciences
New: History , Philosophy & Cultural Studies

Rationale:
The course was not properly located within the Social Science breadth classification. As the course focuses on a discussion of the law and its philosophical underpinnings with respect to business, and because there is a heavy philosophical component, it more properly fits within the breadth requirement of “History, Philosophy and Cultural Studies”.

Consultation:
Management Curriculum Committee approved this change March 16, 2017.

Resources: None

MGSC32H3: The Legal Environment of Business II

New Course Code:
MGSD32H3

Exclusions:
Previous: (MGTC32H3), MGT394H, RSM325H

New: (MGSC32H3), (MGTC32H3), MGT394H, RSM325H

Track Changes: (MGSC32H3),(MGTC32H3), MGT394H, RSM325H

Rationale:
The course content and learning outcomes are appropriate at the D-level.

Consultation:
Curriculum Committee, Area Co-ordinator for Strategy, Professor Laurence - approved on September 22, 2017.
New course code approval by Registrar's Office Sept. 22, 2017.

Resources: None

UNIVERSITY OF TORONTO SCARBOROUGH

2018-19 Curriculum Cycle
Undergraduate Minor Curriculum Modifications for Information Report: Philosophy

January 25, 2018

Philosophy (UTSC), Department of

4 Course Modifications:

PHLA10H3: Reason and Truth

Exclusions: **Previous:** **New:** PHL100Y1, PHL101Y1 **Track Changes: Previous**: **New**: PHL100Y1, PHL101Y1
Rationale: Content overlap necessitates the exclusion.
Consultation: Approved by the curriculum committee on September 26, 2017.
Resources:

PHLA11H3: Introduction to Ethics

Exclusions: **Previous:** PHL275H **New:** PHL275H, PHL100Y1, PHL101Y1 **Track Changes:** PHL275H, PHL100Y1, PHL101Y1
Rationale: Content overlap necessitates the exclusion.
Consultation: Approved by the curriculum committee on September 26, 2017.
Resources: None

PHLB55H3: Puzzles and Paradoxes

Description:

Previous: Philosophy often begins with a puzzle or paradox. Zeno once convincingly argued that motion was impossible, but people continue to move. The "liar's paradox" seems to show that everything is both true and false, but that cannot be right. In this course, we will puzzle through these and related issues.

New: Time travel, free will, infinity, consciousness: puzzling and paradoxical issues like these, brought under control with logic, are the essence of philosophy. Through new approaches to logic, we will find new prospects for understanding philosophical paradoxes.

Track Changes: Previous:

Philosophy often begins with a puzzle or paradox . Zeno once convincingly argued that motion was impossible, but people continue to move. The "liar ' s paradox" seems to show that everything is both true and false, but that cannot be right. In this course, we will puzzle through these and related issues . < / p>

New:
Time travel, free will, infinity, consciousness: puzzling and paradoxical issues like these, brought under control with logic, are the essence of philosophy . Through new approaches to logic, we will find new prospects for understanding philosophical paradoxes . < / div>

Rationale:
The course description has been updated for clarity; this is largely an editorial change.

Consultation:
Approved by the curriculum committee on September 26, 2017.

Resources: None

PHLC32H3: Ancient Philosophy

Title:
Previous: Ancient Philosophy

New: Topics in Ancient Philosophy: Aristotle

Track Changes: Topics in Ancient Philosophy : Aristotle

Abbreviated Title:
Previous: Ancient Philosophy

New: Topics in Ancient: Aristotle

Track Changes: Topics in Ancient : Aristotle ~~Philosophy~~

Description:

Previous: This course focuses on the thought of Plato and Aristotle, with some attention to the pre-Socratics and Hellenistic thinkers, including ancient atomists and the Stoics.

New: This course examines the foundational work of Aristotle in the major subject areas of philosophy: metaphysics, epistemology, ethics, politics, and aesthetics.

Track Changes: This course examines ~~focuses~~ ~~on~~ the foundational work ~~thought~~ of ~~Plato~~ ~~and~~ Aristotle in~~,~~ ~~with~~ ~~some~~ ~~attention~~ ~~to~~ the major subject areas of philosophy: metaphysics ~~pre-Socratics~~ ~~and~~ ~~Hellenistic~~ ~~thinkers~~, epistemology, ethics, politics, ~~including~~ ~~ancient~~ ~~atomists~~ and aesthetics ~~the~~ ~~Stoics~~.

Prerequisites:
Previous: Any 4.5 credits and [an additional 1.5 credits in PHL courses, of which 0.5 credit must be from the History of Philosophy area of focus – see Table 1.0 for reference]

New: Any 4.5 credits and [an additional 1.5 credits in PHL courses, of which 0.5 credit must be from the History of Philosophy area of focus, see Table 1.0 for reference]

Track Changes: Any 4.5 credits and[an additional 1.5 credits in PHL courses, of which 0.5 credit must be from the History of Philosophy area of focus, – see Table 1.0 for reference]

Exclusions:
Previous: (PHL300H), PHL303H, PHL304H

New: PHL304H1

Track Changes: Previous: (PHL300H) , PHL303H, PHL304H
New: PHL304H1

Recommended Preparation:
Previous:

New: PHLB31H3 strongly recommended

Track Changes: Previous:
New: PHLB31H3 strongly recommended

Rationale:
Ancient Philosophy is foundational for the study of Philosophy. We have not had specialized C and D level courses in Ancient Philosophy at UTSC because we did not have a faculty member whose specialization was in Ancient Philosophy. We are hiring an assistant professor (tenure track) this year with the aim of offering thorough grounding in Ancient Philosophy for philosophy students in all three of our programs – especially our major and specialist programs, but for the minor program as well. We are replacing our one C level course 'PHLC32H3: Ancient Philosophy' with two more in-depth courses appropriate for the study of philosophy 'PHLC31H3: Topics in Ancient Philosophy: Plato' and 'PHLC32H3: Topics in Ancient Philosophy: Aristotle'.

Consultation:
Approved by the curriculum committee on September 26, 2017.

Resources: None.