## 2011-12 Curriculum Submissions Overview and Details Report

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1. New Programs

**Details:**

**Major Program in Environmental Studies**

**Note:** Program still to be approved by AP&P

**Completion of 8.5 credits as follows:**

**FIRST YEAR: 2.5 credits**
- EESA01 Introduction to Environmental Science
- ECMA01 Introduction to Microeconomics or ECMA05 Introduction to Macroeconomics

One of
- ANTB01H3 Political Ecology
- POLA51H3 Critical Issues of Canadian Democracy
- POLA83H3 Exploring Globalization
- GGRA03H3 Cities and Environments

Two of
- EESA05 Environmental Hazards
- EESA07 Water
- EESA09 Wind
- EESA10 Human health and the environment
- EESA11 Environmental Pollution
- EESA06 Introduction to Planet Earth

**SECOND YEAR: 1.5 credits**
- STAB22 Statistics I
- IDSB02 Development and Environment
- GGRB20 Environmental Conservation and Sustainable Development

**THIRD YEAR: 2.5 credits**
1. EESC34H Sustainability in Practice (new)
2. 2.0 credits from:
   - EESC13 Environmental Impact Assessment and Auditing
   - POLC53 Canadian Environmental Politics (if instructor grants permission)
   - EESB16 Feeding Humans: The Cost to the Planet
   - HLTA01 Plagues and People
   - EESC03 Geographic Information Systems and Remote Sensing
   - EESC21 Environmental Problems of the Greater Toronto Area
   - ANTC41 Environmental Stress, Culture and Human Adaptability
   - POLD89 Global Environmental Politics

**FOURTH YEAR: 2.0 credits**
- EESD16H Project Management in Environmental Studies (new)
- EESD17Y Cohort Capstone Course in Environmental Studies (new)
- EESD18H Environmental Studies Seminar Series (new)
Minor Program in Literature and Film Studies

Required total: 8 half courses (4.0 credits)

1. Four half courses (2.0 credits), as follows:
   - ENGA10H [Introduction to Twentieth-Century Literature and Film: 1890 to World War II] or ENGA11H [Introduction to Twentieth-Century Literature and Film: 1945 to Today]
   - ENGB70H [Introduction to Cinema]
   - ENGB75H [Cinema and Modernity I] or B76H [Cinema and Modernity II]
   - ENGC76H [The Body in Modernity: Theories and Representations] or ENGC77H [The Body in Contemporary Culture: Theories and Representations]

2. Four additional half courses in English, at least one of which must be at the C level and one at the D level.
   - ENGC56H3 Literature and Media: From Page to Screen
   - ENGC78H3 Dystopian Visions in Fiction and Film
   - ENGC82H3 Cinema Studies: Themes and Theories
   - ENGC83H3 Studies in World Cinema
   - ENGD52H3 Cinema: The Auteur Theory
   - ENGD62H3 Topics in Postcolonial Literature and Film
   - ENGD91H3 Avant-Garde Cinema
   - ENGD93H3 Theoretical Approaches to Cinema
   - ENGD94H3 Stranger than Fiction: The Documentary Film

Note: film courses selected from other departments and disciplines will be approved for the minor in Cinema Studies on a case-by-case basis.
2. Major Program Modifications

Major Program in Human Biology
[new program where there is an existing Major or Specialist]

8.5 credits required as follows:

1. 1.0 Credit in Biology
   • BIOA01H, Introductory Biology: Part I
   • BIOA02H, Introductory Biology: Part II
2. 1.0 Credit in Chemistry
   • CHMA10H, Introductory Chemistry I: Structure and Bonding
   • CHMA11H, Introductory Chemistry II: Reactions and Mechanisms
3. 1.0 Credit in Psychology
   • PSYA01H, Introductory Psychology: Part I
   • PSYA02H, Introductory Psychology: Part II
4. 0.5 Credit in Calculus or Statistics
   Choose From:
   • MATA30H, Calculus I
   • STAB22H, Statistics I
   • PSYB07H, Data Analysis in Psychology
5. 2.5 Credits of Biology Core
   • BIOB10H, Cell Biology
   • BIOB11H, Molecular Aspects of Cellular and Genetic Processes
   • BIOB30H, Mammalian Physiology I
   • BIOB50H, Ecology
   • BIOB51H, Evolutionary Biology
6. 0.5 Credit in a Biology Core Lab
   • BIOB33H, Human Development and Anatomy
7. 1.5 Credits of Additional C-Level Courses
   Choose From:
   • BIOC15H, Genetics
   • BIOC16H, Evolutionary Genetics and Genomics
   • BIOC17H, Microbiology: The Bacterial Cell
   • BIOC19H, Animal Developmental Biology
   • BIOC21H, Vertebrate Histology: Cells and Tissues
   • BIOC33H, Mammalian Physiology II: Lecture and Laboratory OR BGYC34, Mammalian Physiology II: Lecture
   • BIOC58H, Biological Consequences of Global Change
   • BIOC65H, Environmental Toxicology
   • NROC61H, Learning and Motivation
   • NROC64H, Sensory and Motor Systems
   • NROC69H, Synaptic Organisation and Physiology of the Brain
8. 0.5 Credit of Additional D-Level Biology Courses
   Choose From:
   • BIOD17H, Seminars in Cellular Microbiology
• BIOD26H, Fungal Biology and Pathogenesis  
• BIOD29H, Pathobiology of Human Disease  
• BIOD33H, Comparative Environmental Physiology  
• BIOD43H, Exercise Physiology  
• BIOD65H, Pathologies of the Nervous System  
• BIOD95H, Supervised Study in Biology (topic must be human-related and approved by the program supervisor)  
• NROD66H, Drug Addiction  
• NROD67H, Psychobiology of Aging

Major Program in Biodiversity, Ecology and Evolution
[new program where there is an existing Major or Specialist]

8.5 credits required as follows:

To complete their degree, students should combine this major program with a major program (or two minor programs) in another discipline. Note however that this program cannot be combined with the major program in Human Biology, the major program in Biology or the minor program in Biology.

First Year
1.0 Credit of Biology Introductory Courses
BIOA01H, Introductory Biology: Part I  
BIOA02H, Introductory Biology: Part II

1.0 Credit in Chemistry
CHMA10H, Introductory Chemistry I: Structure and Bonding  
CHMA11H, Introductory Chemistry II: Reactions and Mechanisms

0.5 Credit in Mathematics or Statistics
Choose from: MATA30H, Calculus I  
STAB22H, Statistics I  
PSYB07H, Data Analysis in Psychology

Second Year
3.0 Credits of Biology Core Courses
BIOB10H, Cell Biology  
BIOB11H, Molecular Aspects of Cellular and Genetic Processes  
BIOB30H, Mammalian Physiology I  
BIOB31H, Plant Physiology  
BIOB50H, Ecology  
BIOB51H, Evolutionary Biology

0.5 Credit of the Ecology & Evolution Core Lab
BIOB52H, Ecology and Evolutionary Biology Laboratory

Third Year
1.0 Credit of Ecology & Evolution Foundation Courses
Choose from: BIOC16H, Evolutionary Genetics and Genomics  
BIOC50H, Macroevolution  
BIOC59H, Advanced Population Ecology  
BIOC61H, Community Ecology and Environmental Biology

1.0 Credit of Other C-level Courses
Choose from: BIOC51H, Tropical Marine Ecology and Evolution  
BIOC52H, Ecology Field Course  
BIOC54H, Animal Behaviour  
BIOC58H, Biological Consequences of Global Change  
BIOC62H, Role of Zoos in Conservation  
BIOC63H, Conservation Biology  
BIOC65H, Environmental Toxicology  
BIOC67H, Advanced Field Course in Ecology  
EESC30H, Microbial Biogeochemistry  
NROC34H, Neuroethology

Fourth Year
0.5 Credit of D-level Courses

<table>
<thead>
<tr>
<th>Major Program in Physical Sciences</th>
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<td>[revised requirements]</td>
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8.0 credits required as follows:

**First Year**
PHYA10H Introduction to Physics IA  
PHYA21H Introduction to Physics IIA  
CHMA10H Introductory Chemistry I: Structure and Bonding  
CHMA11H Introductory Chemistry II: Reactions and Mechanisms  
MATA30H Calculus I  
MATA23H Linear Algebra I  
[MATA36H Calculus II for Physical Sciences or MATA37H Calculus II for Mathematical Sciences]

**Second or Third Year**
Five of:
PHYB10H Intermediate Physics Laboratory I  
PHYB21H Electricity and Magnetism  
PHYB52H Thermal Physics  
PHYB54H Mechanics: From Oscillations to Chaos  
PHYB56H Introduction to Quantum Physics  
MATB24H Linear Algebra II  
MATB41H Techniques of the Calculus of Several Variables I  
MATB42H Techniques of the Calculus of Several Variables II  
MATB44H Differential Equations I  
ASTB23H Astrophysics of Stars, Galaxies and the Universe  
CHMB20H Chemical Thermodynamics and Elementary Kinetics  
CHMB21H Chemical Structure and Spectroscopy  
STAB22H Statistics I

**Third or Fourth Year**
Four of:
ASTC25H Astrophysics of Planetary Systems  
MATC34H Complex Variables  
MATC46H Differential Equations II  
PHYC50H Electromagnetic Theory  
PHYC56H Quantum Mechanics I  
PHYC11H Intermediate Physics Laboratory II  
PHYC54H Classical Mechanics  
PHYD37H Introduction to Fluid Mechanics  
PHYD38H Nonlinear Systems and Chaos  
PSCB57H Introduction to Scientific Computing  
PSCD02H Current Questions in Mathematics and Science  
[PHYD01H Physics Research Project or PHYD11H Computational Physics Project or}
Major Program in Astrophysics and Physics
[new title; revised requirements]

New Program Title: Major Program in Physics and Astrophysics

Revised Requirements:
**8.5 credits as follows:**

**First Year**
- PHYA10H Introduction to Physics IA
- PHYA21H Introduction to Physics IIA
- MATA30H Calculus I
- MATA23H Linear Algebra I
- [MATA36H Calculus II for Physical Sciences or MATA37H Calculus II for Mathematical Sciences]

**Second and Later Years**
- ASTB23H Astrophysics of Stars, Galaxies and the Universe
- MATB41H Techniques of the Calculus of Several Variables I
- MATB42H Techniques of the Calculus of Several Variables II
- MATB44H Differential Equations I
- PHYB10H Intermediate Physics Laboratory I

Three of:
- PHYB56H Introduction to Quantum Physics
- PHYB21H Electricity and Magnetism
- PHYB52H Thermal Physics
- PHYB54H Mechanics: From Oscillations to Chaos

A total of 2.0 credits from:
- ASTC25H Astrophysics of Planetary Systems
- MATC34H Complex Variables
- MATC46H Differential Equations II
- PHYC50H Electromagnetic Theory
- PHYC56H Quantum Mechanics I
- PHYC11H Intermediate Physics Laboratory II
- PHYC54H Classical Mechanics
- PHYD37H Introduction to Fluid Mechanics
- PHYD38H Nonlinear Systems and Chaos
- PSCB57H Introduction to Scientific Computing
- PSCD02H Current Questions in Mathematics and Science
- [PHYD01H Physics Research Project or PHYD11H Computational Physics Project or PHYD72H Supervised Reading in Physics or ASTD01H Astrophysics Research Project or ASTD02H Supervised Reading in Astrophysics or PSCD10H Physical Sciences Project]
Specialist Program in Physical and Mathematical Sciences

[revised requirements]

15.5 credits as follows:

First Year
PHYA10H Introduction to Physics IA
PHYA21H Introduction to Physics IIA
CHMA10H Introductory Chemistry I: Structure and Bonding
CHMA11H Introductory Chemistry II: Reactions and Mechanisms
MATA30H Calculus I
MATA23H Linear Algebra I
[MATA36H Calculus II for Physical Sciences or MATA37H Calculus II for Mathematical Sciences]

Second Year
PHYB10H Intermediate Physics Laboratory I
PHYB56H Introduction to Quantum Physics
PHYB21H Electricity and Magnetism
PHYB52H Thermal Physics
MATB24H Linear Algebra II
MATB41H Techniques of the Calculus of Several Variables I
MATB42H Techniques of the Calculus of Several Variables II
MATB44H Differential Equations I

Second or Third Year
PHYB54H Mechanics: From Oscillations to Chaos
ASTB23H Astrophysics of Stars, Galaxies and the Universe
CHMB20H Chemical Thermodynamics and Elementary Kinetics
CHMB21H Chemical Structure and Spectroscopy
MATB61H Linear Programming and Optimization
PSCB57H Introduction to Scientific Computing
CSCB58H Computer Organization
STAB57H An Introduction to Statistics

Third or Fourth Year
A total of 4.0 credits from:
ASTC25H Astrophysics of Planetary Systems
MATC34H Complex Variables
MATC46H Differential Equations II
PHYC50H Electromagnetic Theory
PHYC56H Quantum Mechanics I
PHYC11H Intermediate Physics Laboratory II
PHYC54H Classical Mechanics
PHYD37H Introduction to Fluid Mechanics
PHYD38H Nonlinear Systems and Chaos
[CSCC36H Numerical Methods or (CSCC50H Numerical Algebra and Optimization and CSCC51H Numerical Approximation, Integration and Ordinary Differential Equations)]
PSCD02H Current Questions in Mathematics and Science
[PHYD01H Physics Research Project or PHYD11H Computational Physics Project or PHYD72H Supervised Reading in Physics or ASTD01H Astrophysics Research Project or ASTD02H Supervised Reading in Astrophysics or PSCD10H Physical Sciences Project]
Specialist Program in Physics and Its Applications
[new title; revised requirements]

New Program Title: Specialist Program in Physics and Astrophysics

Revised Requirements:

**13.0 credits as follows:**

**First Year**
- PHYA10H Introduction to Physics IA
- PHYA21H Introduction to Physics IIA
- MATA30H Calculus I
- MATA23H Linear Algebra I
- [MATA36H Calculus II for Physical Sciences or MATA37H Calculus II for Mathematical Sciences]

**Second and Later Years**
- ASTB23H Astrophysics of Stars, Galaxies and the Universe
- PHYB10H Intermediate Physics Laboratory I
- PHYB56H Introduction to Quantum Physics
- PHYB21H Electricity and Magnetism
- PHYB52H Thermal Physics
- PHYB54H Mechanics: From Oscillations to Chaos
- MATB41H Techniques of the Calculus of Several Variables I
- MATB42H Techniques of the Calculus of Several Variables II
- MATB44H Differential Equations I

**Third Year**
- PHYC50H Electromagnetic Theory
- PHYC56H Quantum Mechanics I
- PHYC11H Intermediate Physics Laboratory II
- PHYC54H Classical Mechanics
- PSCB57H Introduction to Scientific Computing
- MATC34H Complex Variables
- MATC46H Differential Equations II

**Fourth Year**
Three of:
- ASTC25H Astrophysics of Planetary Systems
- PHYD37H Introduction to Fluid Mechanics
- PHYD38H Nonlinear Systems and Chaos
- PHY452H Basic Statistical Mechanics
- PHY456H Quantum Mechanics II
- PHY483H Relativity Theory I
- PHY484H Relativity Theory II
- PHY487H Condensed Matter Physics
- PHY489H Introduction to High Energy Physics
- PHY491H Current Interpretations of Quantum Mechanics
- PHY492H Advanced Atmospheric Physics
- PHY493H Geophysical Imaging I
- PHY494H Geophysical Imaging II
- PHY495H Experimental Global Geophysics
PHY496H Experimental Applied Geophysics

One of:
PHYD01H Physics Research Project
PHYD11H Computational Physics Project
PHYD72H Supervised Reading in Physics
ASTD01H Astrophysics Research Project
ASTD02H Supervised Reading in Astrophysics
PSCD10H Physical Sciences Project

One additional 0.5 credit from a course in AST or PHY at the C-, D-, 300-, or 400-level, including:
PSCD02H Current Questions in Mathematics and Sciences

3. Program Closures

Specialist Program in Natural Sciences
[program closure]
• Program Closure Dates:
  ○ New Admissions: 2011-12 Academic Year
  ○ Full closure anticipated for 2013-14/2015-16

Specialist Program in Anthropology (Co-op)
[program closure]
• Program Closure Dates:
  ○ New Admissions: 2011-12 Academic Year
  ○ Full closure anticipated for 2013-14/2015-16

Specialist Program in Sociology (Co-op)
[program closure]
• Program Closure Dates:
  ○ New Admissions: 2011-12 Academic Year
  ○ Full closure anticipated for 2013-14/2015-16
4.Minor Program Modifications

Computer & Mathematical Sciences

Computer Science Minor

*Change:*
Add MATA31H to list of options in Program Requirements item 2

Computer Science Specialist - all streams

Computer Science Specialist (Co-op) – all streams

Computer Science Major

Computer Science Major (Co-op)

Mathematics Specialist

*Change:*
Change the requirement of MATA30H3 to MATA31H3.

Mathematics Major

Mathematics & Its Applications Specialist

Statistics Major

Statistics Minor

*Change:*
- Change current requirement of: MATA30H and (MATA36H or MATA37H) to (MATA30H or MATA31H) and (MATA36H or MATA37H)
- Add the following notes:
  1. The sequence MATA31H-MATA37H is recommend
  2. MATA31H is the preemptive for MATA37H

Mathematics & Its Applications Specialist, Computational Physical Sciences stream

*Change:*
In requirement 2 replace:
- PHYB20H [Vibrations and Waves] with PHYB54H [Mechanics: From Oscillations to Chaos] (new course)
- PHYB25H [Foundation of Modern Physics] with PHYB56H [Introduction to Quantum Physics] (new course)

Humanities

Theatre and Performance Studies Major

*Changes:*
- Increase program requirements from 7.0 FCE to 8.0 FCE
- Make VPDB04H a mandatory program requirement
French Specialist

Change:
Add FREB84H3, Folktale, Myth and the Fantastic in the French-Speaking World and FREC83H3, Cultural Identities and Stereotypes in the French-Speaking World to the list of options in section 3 of the program requirements.

French Major

Change:
First Note in requirements should be edited to read: “Note: At the A-level, only FREA01H and FREA02H may be counted towards a French Program.”

French Minor

Change:
delete: “Note: Only courses for which students do the assignments in French can be counted towards the Minor Program in French.”

Humanities (Co-op)

Change:
• Remove HUMA17, HUMA18, and HUMA19 from the program requirements, so that this part of the requirement simply reads:
  1. All of the following 2.5 full credits:
     a. 1.5 credits in English as follows:
        [ENGB03H Critical Thinking About Narrative
        and
        ENGB04H Critical Thinking About Poetry
        and
        ENGB05H Critical Writing about Literature]

• Replace HUMB11 in the program requirements (1c) with HUMA02.
• Rearrange the listing of the program requirements so that the HUM courses are listed first.
[Updated version is:
  1. All of the following 2.5 full credits:
     a. HUMA01H Exploring Key Questions in Humanities
     b. HUMA02H Inquiry and Reasoning in the Humanities
        Where appropriate, credits in this list may also count towards the completion of a Specialist, Major or Minor Program.
     c. 1.5 credits in English as follows:
        [ENGB03H Critical Thinking About Narrative
        and
        ENGB04H Critical Thinking About Poetry
        and
        ENGB05H Critical Writing about Literature]
VPA, Arts Management Specialist

Changes:

- Replace VPAD13 with VPAC21 and VPAC22 in section 1, under item d
- Replace HUMB11 with HUMA02 in “Courses in the first two years of the program”

Updated versions of requirements:

1. Arts Management Core Courses
   d. One full credit from the following list:
      - VPAC16H
      - VPAC21H
      - VPAC22H
      - VPAD07H
      - VPAD14H

Courses in the first two years of the program
The first year of study would normally consist of five full credits (10 courses - five in each of two sessions) including VPAA10H, VPAA12H, MGTA03H, MGTA04H, at least three courses from the related field(s) of study (including HUMA01H), and electives (preferably including HUMA02H). The second year of study would normally consist of five full credits to include VPAB05H, VPAB15H, VPAB16H, possibly VPAB07H & VPAB13H, and courses in the related field(s) of study.]

Linguistics Specialist

Change:

Revise Program Requirements as below:
Students must complete 12.0 full credits, including 4.0 full credits at the C- and D-level of which 1.0 full credit must be at the D-level as follows:
1. All of the following:
   - LINA01H
   - LINA02H
   - LINB09H
   - LINB04H
   - LINB06H
   - LINB13H - Language Diversity and Language Universals [added]
   - LINC02H
   - LINC05H
   - LINC11H
   - LINC12H

2. Three [formerly 2.5] full credits from the following, including at least one full credit from Group A and at least one full credit from Group B:
   Group A:
   - LINA10 – Structure of American Sign Language [added]
   - LINB20
   - (LINB23)
   - LINC06 – Language Change [added]
   - LINC09 – Phonetic Analysis [added]
   - LINC18 – Writing Systems [added]
   - LINC27
   - LINC28
   - LIND29 - Seminar in Sociolinguistic Methodologies [added]
Group B:
PLIB25
PLIC15
PLIC24
PLIC55
PLIC65

PLIC65 – Quantitative Methods in Linguistics [added]
PLID34
PLID44
PLID55

3. Two full credits of language study in one or more languages, which may include FRE or LGG courses or language courses at another campus. [revised]
4. A further two credits in any LIN, PLI, JAL or JLP courses. [revised]

Linguistics Minor

Change:
Change Requirement 3

From:
Two further full credits in LIN and/or PLI and/or FRE linguistics (FREC46H, FREC47H, FREC48H, FRED49H), of which at least one credit must be at the C- or D-level

To:
Two further full credits in LIN and/or PLI, of which at least one credit must be at the C- or D-level.

Revised Requirements:
“Students must complete four full credits, as follows:
1. All of the following courses:
   LINA01H General Linguistics I
   LINA02H General Linguistics II
2. Any two of the following:
   LINB09H Phonetics: The Study of Speech Sounds
   LINB04H Phonology I
   LINB04H Syntax I
3. Two further full credits in LIN and/or PLI, of which at least one credit must be at the C- or D-level.

Psycholinguistics Specialist

Changes:
1. Move PLIC65H Quantitative Methods in Linguistics from group 4 (annotated as “highly recommended”) to group 1 (required).
2. In Group 2, change the instruction to “one full credit of the following:”
3. Add LINB20 Sociolinguistics, LINC02 Phonology II and LINC11 Syntax to the Group 2 list.
4. In Group 3, change the instruction to “2.5 full credits from:”
5. Add LINA10 (Structure of American Sign Language) and LINC09 (Phonetic Analysis) to the list for Group 3.
6. Delete PLID64 and PLID65 from Group 3.
7. Delete PSYB07 Data Analysis in Psychology from Group 4.
8. Put an “or” between PSYB51 Perception & Memory and PSYB57 Memory & Cognition.
9. In Group 5, change the instruction to “Two further credits in LIN and/or PLI.”
10. In Group 5, delete “and/or FRE linguistics [FREC46, FREC47, FREC48, FREC49]”

Revised Requirements:

Students must complete 12.5 full credits, including 4.0 full credits at the C- and D-levels, of which 1.0 full credit must be at the D-level as follows:

1. All of the following courses:
   - LINA01
   - LINA02
   - PSYA01
   - PSYA02
   - LINB04
   - LINB06
   - LINB09
   - PLIC24
   - PLIC55
   - **PLIC65H** – Quantitative Methods in Linguistics [moved from group 4]

2. 1.5 full credit from the following courses:
   - LINB20 – Sociolinguistics [added to group]
   - **LINC02** Phonology II [added to group]
   - LINC05
   - **LINC11** – Syntax II [added to group]
   - LINC12

3. 2.5 full credits from the following courses:
   - **LINA10** – ASL Linguistics [added to group]
   - **LINC09** – Phonetic Analysis [added to group]
   - PLIB25
   - PLIC15
   - PLID34
   - PLID44
   - PLID55
   [PLID64, PLID65 have been deleted from group]

4. 1.5 full credits from the following courses:
   - PLIC65
   - PSYB20
   - PSYB51 or PSYB57 [added]
   - PSYB65
   - PSYC21
   [PSYB07 has been deleted from group]

5. Two [reduced from 4.0] further credits in LIN and/or PLI

History Specialist

*Change:*

Revise Program Requirements, item 1 – Number of Credits as follows:

“Students must complete at least twelve full credits in History. These twelve must include two of HISA04H, HISA05H, **HISA06H/GASA01H, HISA07H/CLAA04H**, as well as HISB03H, HISC01H and five (in addition to HISC01H) full credits at the C- or D-level. At least one of the five C- or D-level credits must be at the D-level.

Please note that all courses are not offered every year.”
History Major

Change:
Revise Program Requirements, item 1 – Number of Credits as follows:
“Students must complete seven full credits in History. These seven must include two of HISA04H, HISA05H, **HISA06H/GASA01H, HISA07H/CLAA04H**, as well as HISB03H and 3.0 credits at the C- or D-level.

Please note that all courses are not offered every year.”

Religion Minor

Change:
Revised Program Requirements as below:

Students must complete 4.0 full credits as follows:
1. RLGA01H World Religions I
   AND RLGA02H World Religions II
2. RLGB10H Introduction to the Study of Religion
3. RLGC13H Religious Diversity in Speech and Text
   OR RLGC14H Religion and Globalization: Continuities and Transformations
4. 2.0 additional full credits from the following list, with at least 0.5 of a full credit at the C- or D-level:

   Comparative Themes/Theoretical Approaches
   RLGB02H Living Religions: Rituals and Experiences
   RLGC13H Religious Diversity in Speech and Text (if not taken as a required course)
   RLGC14H Religion and Globalization: Continuities and Transformations (if not taken as a required course)
   *CLAC22H Religions of the Ancient Mediterranean
   *HISD63H The Crusades: I
   *HISD64H The Crusades: II
   *ANTC31H Ritual and Religious Action
   *ANTC33H Conceptualizing Religion
   *SOCC21H Sociology of Religion

   Religious Traditions in Global and Historical Contexts
   RLGC05H The Qur’an in Interpretive and Historical Context
   RLGC06H Saints and Mystics in Buddhism
   RLGC07H Topics in Buddhist Philosophy: Buddhist Ethics
   RLGC09H Islam in Asia
   RLGC10H Hinduism in South Asia and the Diaspora
   RLGC12H Contemporary Engaged Buddhist Movements in Asia
   CLAA05H Ancient Mythology I: Mesopotamia and Egypt
   CLAA06H Ancient Mythology II: Greece and Rome
   GASC33H Global Buddhism

   Religion and Culture
   GASB30H Asian Religions and Culture
   VPHB67H Religion in the Arts: Buddhist Arts and Cultures
   VPHB75H Religion in the Arts: Hinduism and Buddhism
VPHB76H Religion in the Arts: Judeo-Christian Traditions
VPMB77H Music in Religion and Ritual
VPMA99H Music of the World's Peoples
VPMB75H Music in Islamic Cultures
*ENGC16H The Bible and Literature I
*ENGC17H The Bible and Literature II

Advanced Topics in the Study of Religion:
RLGC40H Selected Topics in the Study of Religion I
RLGC41H Selected Topics in the Study of Religion II
RLGD01H Supervised Readings in the Study of Religion
RLGD02H Seminar in Religion

*Students may also take these courses, but they are advised that these courses have additional pre-requisites.

Global Asia Studies Specialist
Global Asia Studies Major

Change:
New wording for Specialist Program in Global Asia Studies:
Students must complete 12.0 full credits including at least 4.0 C- and/or D-level credits of which at least 1.0 must be at the D-level as follows:

New wording for Major Program in Global Asia Studies:
Students must complete 7.5 full credits of which at least 2.0 must be at the C- and/or D-level as follows:

VPA, Art History Major

Change:
Add to Program Requirements:
“5. Requirements #3 and #4 together must include at least one full credit dealing with periods prior to 1800 and one full credit dealing with periods after 1800, and at least one half credit on the art of Africa and Asia.

Courses dealing with periods prior to 1800: VPHB41H, VPHB42H, VPHB52H, VPHB53H, VPHB63H, VPHB64H, VPHB74H, VPHC42H, VPHC46H, VPHC53H, VPHC63H, VPHD44H, as well as VPAC89H

Courses dealing with periods after 1800: VPHB46H, VPHB57H, VPHB58H, VPHB59H, VPHB60H, VPHC45H, VPHC68H, VPHC73H, VPHD43H, as well as VPAC47H and VPAC48H

Courses on the art of Africa: VPHB50H, VPHB65H,

Courses on the art of Asia: VPHB73H, VPAC74H, VPHD46H

Courses in which content may vary, and which may deal with the art of any place or period: VPHB61H, VPHB67H, VPHB68H, VPHB70H, VPHB75H, VPHB76H, VPHC49H, VPHC51H, VPHC54H, and VPHD45H
Students interested in curatorial studies should include in their programs VPHB71H, VPHB72H, VPHC54H, VPHC72Hj, VPHD43H, and VPHD44H”

VPA, Music and Culture Major

Change:

Add to item 5 in the Program Requirements: “Students must choose the graded option for this credit.”

The full revised version is:

“5. One (1.0) full credit in Performance. Students must choose the graded option for this credit.”

Media Studies, Minor

[new Minor program where there is an existing Major or Specialist]

Requirements:

4.0 full credits as follows:

1. 1 FCE from the following:
   • MDSA01H Introduction to Media Studies
   • MDSA02H From Print to Digital: History of Media and Technology
2. 1 FCE from the following:
   • MDSB61H Critical Approaches to Digital Media
   • MDSB05H Media and Globalization
3. 0.5 FCE from the following:
   • MDSB03H Advertising and Consumer Culture
   • MDSB62H Visual Culture
   • VPAB05H Introduction to Contemporary Cultural Theory
   • VPHB68H Art and the Everyday: Mass Culture and the Visual Arts
4. 0.5FCE from the following:
   • MDSC01H Theories and Methods in Media Studies
   • MDSC63H Legal and Ethical Issues in Media Studies
5. 1 FCE from the following:
   • Any C or D level MDS course not listed above
   • IDSC08H Media and Development
   • GASC41H Media and Popular Culture in East and Southeast Asia
   • GASC40H Chinese Media and Politics

Linguistics Major

Changes:

1. Add LINB20H Sociolinguistics to Program Requirements Group 2.
2. Change Group 3 from “Four further full credits in LIN and/or PLI and/or FRE linguistics (FREC46H, FREC47H, FREC48H, FRED49H), of which at least two credits must be at the C- or D-level.” To “Four further full credits in LIN and/or PLI, of which at least two credits must be at the C- or D-level.”

Revised Requirements:

“Students must complete eight full credits, as follows:

1. LINA01H
LINA02H
LINB09H
LINB04H
LINB06H

2. One of the following
   \textbf{LINB20H Sociolinguistics}
   LINC05H
   LINC12H

3. Four further full credits in LIN and/or PLI, of which at least two credits must be at the C- or D-level.

4. One full credit in a language.

\textbf{Global Asia Studies Minor}

\textit{Change:}
New Program Requirements:

\textbf{4.0 full credits as follows:}

1. 1.0 credit must come from:
   \textbf{GASA01H Introduction to Global Asia I}
   \&
   \textbf{GASA02H Introduction to Global Asia II}

2. For the remaining 3 credits, students have two options to meet the requirements. One option is to complete 3.0 credits from the following courses (including at least 1.5 credits from C- or D-levels). The other option is to complete 2.0 credits from the following courses (including at least 1.0 credit from C- or D-levels), in addition to 1.0 credit from Asian language courses.

   \begin{itemize}
   \item \textbf{GASB01H} Methodologies and Issues in Global Asia Studies
   \item \textbf{GASB10H} Introduction to South Asian Literatures
   \item \textbf{GASB11H} Introduction to Chinese Literature
   \item \textbf{GASB20H} Gender and Social Institutions in Asia
   \item \textbf{GASB30H} Asian Religions and Cultures
   \item \textbf{GASB31H} Chinese Thought and Culture in Historical Perspective
   \item \textbf{GASB33H} Global Buddhism in Historical and Contemporary Societies
   \item \textbf{GASB34H} Culture and Society in Classical South Asia
   \item \textbf{GASB35H} The Japanese Empire: A Short History
   \item \textbf{HISB57H} Sub-continental Histories: South Asia and the World
   \item \textbf{HISB58H} Modern Chinese History
   \item \textbf{GASC20H} Gendering Global Asia
   \item \textbf{GASC31H} Self and Imagination in Pre-modern China
   \item \textbf{GASC32H} Art of Memory: China and the West
   \item \textbf{GASC33H} Critical Perspectives in Global Buddhism
   \item \textbf{GASC34H} Texts and Learning in Classical South Asia
   \item \textbf{GASC40H} Chinese Media and Politics
   \item \textbf{GASC41H} Media and Popular Culture in East and Southeast Asia
   \item \textbf{GASC42H} Film and Popular Culture in South Asia
   \item \textbf{GASC43H} Colonialisms and Cultures in Modern East Asia
   \item \textbf{GASC50H} Comparative Studies of East Asian Legal Cultures
   \item \textbf{GASC51H} Politics and Culture in Modern South Asia
   \item \textbf{HISC57H} China and the World
   \end{itemize}
RLGC12H Contemporary Engaged Buddhist Movements in Asia
VPHB67H Religion in the Arts: Buddhist Arts and Cultures
VPHB73H Visualizing Asia
VPHB75H Religion in the Arts: Hinduism and Jainism
VPHC53H The Silk Routes
(VPHC58H) Religion in the Arts: Seminar in Buddhism and Art
VPHC74H A Tale of Three Cities: Introduction to Contemporary Art in China
WSTC19H Gender in East Asian Science and Technology
GASD01H Senior Seminar: Topics in Global Asian Cultures
GASD02H Senior Seminar: Topics in Global Asian Societies
GASD20H Senior Seminar: Social Change and Gender Relations in Chinese Societies
GASD40H Senior Seminar: Issues in Chinese Media Studies
GASD50H Senior Seminar: Social and Cultural Aspects of South Asian Societies
HISD56H Coolies and Others: Asian Labouring Diasporas in the British Empire
HISD58H Culture, Politics, and Society in Late Imperial China
HISD59H Law and Society in Chinese History
VPHD46H Visual Encounter: The Meeting of Eastern and Western Art

New Media Studies Major (Joint Program)

Change:
Revised Program Requirements:

Students must complete 8.0 full credits of which at least 2.0 must be at the C- or D-level, including:

1. 2.0 full credits:
   MDSA01H Introduction to Media Studies
   MDSA02H From Print to Digital: History of Media and Technology
   MDSB61H Critical Approaches to Digital Media
   MDSB62H Visual Culture
2. 1.0 additional full credit from the MDS course list
3. 0.5 credit from the following:
   CSCA08H Introduction to Computer Programming
   CSCA48H Introduction to Computer Science
   ECMC20H Economics of the Media
   ENGC56H Literature and Media: From Page to Screen
   SOCB58H Sociology of Culture
   SOCC44H Media and Society
   VPAA05H Collaborations in the Visual and Performing Arts
   VPAA06H Visual and Performing Arts in the Digital Age
   VPAB05H Introduction to Contemporary Cultural Theory
   VPSA72H Introduction to Photography
   VPSA74H Introduction to Digital Studio Practice
   VPSA62H Foundation Studies in Studio
   VPSB75H Photo-based Work
   VPSB76H Intermediate Video
   VPSB80H Digital Studio Practice
   WSTB13H Women and the Media
4. Centennial College:
New Media Group 1. Students will be eligible to enrol in these courses after successfully completing at least 10 full credits at University of Toronto Scarborough, which must include the completion of requirements 1, 2, and 3 above.
NMEA01H Digital Fundamentals
NMEA02H Introduction to New Media Communications
NMEA03H The Language of Design
NMEA04H Interface Design, Navigation and Interaction I

New Media Group 2. Students will be eligible to enrol in these courses after successfully completing all courses in Group 1.
NMEB05H Interface Design, Navigation and Interaction II
NMEB06H Project Development and Presentation
NMEB08H Application Software for Interactive Media
NMEB09H Sound Design
NMEB10H Design for New Media

5. 1.0 full credit:
NMED01H New Media Senior Project
NMED20H Theory and Practice of New Media

VPA Art and Culture Specialist, Studio stream

Change:
In requirement 2 replace:
- HUMB11H [Critical Thinking] with HUMA02H [Inquiry and Reasoning in the Humanities] (new course)

Journalism Specialist, Joint Program

Change:
In requirement b replace:
- HUMB11H [Critical Thinking] with HUMA02H [Inquiry and Reasoning in the Humanities] (new course)

Philosophy

Philosophy Specialist
Philosophy Major

Change:
1. Add the following to the program requirements:
   - PHLB50, Symbolic Logic 1 or PHLB55, Puzzles and Paradoxes
2. Add as a note to the Philosophy Specialist and Major programs: “Note: PHLB99H, Writing Philosophy, is strongly recommended for the Philosophy Specialist and Major programs, and is important preparation for advanced C- and D-level studies in Philosophy.”

Physical & Environmental Sciences

Minor Program in Astronomy and Astrophysics
[New Minor Program where there is an existing Major or Specialist]
Program Requirements:

5.0 credits as follows:

ASTB23H Astrophysics of Stars, Galaxies and the Universe
PHYA10H Introduction to Physics IA
PHYA21H Introduction to Physics IIA
MATA30H Calculus I
MATA23H Linear Algebra I
[MATA36H Calculus II for Physical Science or MATA37H Calculus II for Mathematical Sciences]

ASTC25H Astrophysics of Planetary Systems
MATB41H Techniques of the Calculus of Several Variables I
MATB42H Techniques of the Calculus of Several Variables II
[ASTD01H Astrophysics Research Project] or [ASTD02H Supervised Reading in Astrophysics or any other AST C or D level course]

Social Sciences

Human Geography Major

Changes:
1. Eliminate requirement (#1) for GGRA02H and GGRA03H
2. Clean up remaining program requirements to allow for new courses and course deletions and more clearly separate Geography from the City Studies program

Revised Program Requirements:
The Major Program in Human Geography requires a total of 7.0 full credits as follows:

1. Theory and Concepts in Human Geography
   GGRB02H The Logic of Geographical Thought
   and
   1.5 credits from:
   GGRB05H Urban Geography
   GGRB13H Social Geography
   GGRB20H Environmental Conservation and Sustainable Development
   GGRB28H Geographies of Disease

2. Methods (1.0 credit)
   GGRA30H Geographic Information Systems (GIS) and Empirical Reasoning
   and one of:
   ANTC35H Quantitative Methods in Anthropology
   ECMB11H Quantitative Methods in Economics I
   GGR270H Introductory Analytical Methods
   GGR271H Social Research Methods
   PSYB07H Data Analysis in Psychology
   SOCB06H Social Statistics
   STAB22H Statistics I

3. Applications (at least 2.0 credits from among the following):
   GGRC01H Supervised Readings in Human Geography
   GGRC02H Population Geography
   GGRC04H Urban Residential Geography
   GGRC09H Current Topics in Social Geography
GGRC10H Urbanization and Development
GGRC11H Current Topics in Urban Geography
GGRC13H Urban Political Geography
GGRC21H Current Topics in Environmental Geography
GGRC22H Political Ecology Theory and Applications
GGRC25H Land Reform and Development
GGRC27H Location and Spatial Development
GGRC29H Agriculture, Environment, and Development
GGRC33H The Toronto Region
GGRC41H Current Topics in Urban Geography
GGRC45H Local Geographies of Globalization
GGRD01H Supervised Research Project
GGRD02H Advanced Geographical Theory and Methods
GGRD09H Feminist Geographies
GGRD10H Health and Sexuality
GGRD19H Spaces of Multiraciality: Critical Mixed Race Theory

4. 2.0 additional credit to be selected from GGRA02, GGRA03, or the courses listed in Requirements 1 or 3 above.

Major Program in City Studies

Change:
We are adding five new CIT courses:
• CITC03H Real Estate and the City
• CITC04H Municipal and Planning Law in Ontario
• CITC07H Urban Social Policy
• CITC08H Cities and Community Development
• CITC18H Urban Transportation Policy Analysis.

Revised Program Requirements:
This program requires a total of 7.0 full credits.
1. Introduction to Social Science Thought (1.0 full credit from among the following):
   ANTA01H Introduction to Anthropology: Becoming Human
   ANTA02H Introduction to Anthropology: Society, Culture and Language
   HLTA01H Plagues and Peoples
   [POLA51H Critical Issues of Canadian Democracy or POLB50H Canada's Political Institutions]
   One other A-level half-course in Political Science
   SOCA01H Introduction to Sociology I
   SOCA02H Introduction to Sociology II
   GGRA02H The Geography of Global Processes
   GGRA03H Cities and Environments
   [ECMA01H Introduction to Microeconomics or ECMA04H Introduction to Microeconomics: A Mathematical Approach]
   [ECMA05H Introduction to Macroeconomics or ECMA06H Introduction to Macroeconomics: A Mathematical Approach]
2. Core courses (1.0 full credit)
   CITB01H Canadian Cities and Planning
   CITB02H Foundations of City Studies
3. City Studies Fundamentals of (at least 2.0 full credits from among the following):
   DTSB01H Introduction to Diaspora and Transnational Studies I
   DTSB02H Introduction to Diaspora and Transnational Studies II
[EESA05H Environmental Hazards or EESA06H Introduction to Planet Earth]
GGBRB05H Urban Geography
GGBRB13H Social Geography
GGBRB28H Geographies of Disease
HLTB04H Health and the Urban Environment
SOCB44H Urban Sociology: Macro-Analysis
SOCB45H Urban Sociology: Micro-Analysis

4. Methods (at least 1 full credit from among the following):
   [SOCB06H Social Statistics or STAB22H Statistics I]
   [GGRA30H GIS and Empirical Reasoning or (EESA08H) GIS for the Beginning Student or
    EESC03H Geographic Information Systems and Remote Sensing]
   SOCD23H Practicum in Qualitative Research Methods
   SOCD31H Practicum in Quantitative Research Methods

5. Applications (at least 2.0 full credits from among the following):
   (ANTC39H) Foundation and Theoretical Issues in Anthropological Demography
   ANTC40H Methods and Analysis in Anthropological Demography
   CITC01H Urban Communities and Neighbourhoods Case Study: East Scarborough
   CITC02H Learning In Community Service
   CITC03H Real Estate and the City
   CITC04H Municipal and Planning Law in Ontario
   CITC07H Urban Social Policy
   CITC08H Cities and Community Development
   CITC10H Selected Issues in City Studies
   CITC18H Urban Transportation Policy Analysis
   CITD01H City Issues and Strategies
   EESC21H Urban Environmental Problems of the Greater Toronto Area
   ENGD89H Topics in the Victorian Period
   GGRC02H Population Geography
   GGRC04H Urban Residential Geography
   GGRC13H Urban Political Geography
   GGRC27H Location and Spatial Development
   GGRC33H The Toronto Region
   GGRD09H Feminist Geographies
   HISD32H The Emergence of Modern America, 1877-1933
   HIISC36H People in Motion: Immigrants and Migrants in U.S. History
   (HIISD38H) Topics in American Urban History: New York City
   POLC53H Canadian Environmental Politics
   POLC66H Public Policy Making POLC67H Public Policy in Canada
   SOCC03H Collective Behaviour
   SOCC04H Social Movements SOCC26H Sociology of Urban Growth
   WSTC14H Women, Community, and Policy Change
   WSTC20H Women and Environments

International Development Studies Specialist, B.A. (non Co-op and Co-op options)

Changes:
1. Change Requirement 4
   From:
   At least 2.0 full credits must be from TWO of the following clusters). IDSC07H, IDSC10H,
   IDSD14H and IDSD15H may also be counted towards the completion of this requirement.
   However, the chosen readings topics in IDSD14H and IDSD15H should be consistent with other
   specialized courses selected by the student.
To:
A minimum of 2.0 FCE must be chosen from two different clusters below for a total of 4.0 FCE. The other 2.0 FCE may be selected from any of the courses listed below, and IDSC07H, IDSC10H, IDSD14H and IDS15H may also be counted towards the completion of this requirement.

2. Add the following group to the list of Specialized Courses in Requirement 4:
“Media and Development
GASC40H, Chinese Media and Politics
GASC41H, Media and Popular Culture in East and Southeast Asia
IDSB10H, Knowledge and Communication for Development
IDSC08H, Media and Development
MDSB05H, Media and Globalization
MDSB61H, Critical Approaches to Digital Media
SOCC08H, Gender and Information Technology
SOCC44H, Media and Society”
2. Under the list of Specialized Courses in Requirement 4:
Add GGRC10H [Urbanization and Development] to the Environment and Land Use group

International Development Studies Specialist, B.Sc. (non Co-op and Co-op options)

Changes:
Revise the Calendar Entry as below:
“The science version of the Specialist Program in International Development Studies is currently under review and students interested in this option should consult with the Program Supervisor.”

Diaspora and Transnational Studies Major Program

Change:
In requirement 3 replace:
• DTSD01H Advanced Topics in Diaspora and Transnationalism I: Postcolonialism and Diaspora
• DTSD02H Advanced Topics in Diaspora and Transnationalism II: Critical Approaches to Diaspora Studies

With:
Any two of:
• DTS401H1 Advanced Topics in Diaspora and Transnational Studies*
• DTS402H1 Advanced Topics in Diaspora and Transnational Studies*
• DTS403H1 Advanced Topics in Diaspora and Transnational Studies*
• DTS404H1 Advanced Topics in Diaspora and Transnational Studies*

*Students pursing a DTS major should contact the Centre for Diaspora and Transnational Studies *CDTS@utoronto.ca to be enrolled in these courses.

Diaspora and Transnational Studies Minor Program

Change:
In requirement 3 replace:
• DTSD01H Advanced Topics in Diaspora and Transnationalism I: Postcolonialism and Diaspora
• DTSD02H Advanced Topics in Diaspora and Transnationalism II: Critical Approaches to Diaspora Studies
With:
Any two of:
• DTS401H1 Advanced Topics in Diaspora and Transnational Studies*
• DTS402H1 Advanced Topics in Diaspora and Transnational Studies*
• DTS403H1 Advanced Topics in Diaspora and Transnational Studies*
• DTS404H1 Advanced Topics in Diaspora and Transnational Studies*

*Students pursuing a DTS minor should contact the Centre for Diaspora and Transnational Studies (CDTS@utoronto.ca) to be enrolled in these courses.

5. Motion from Humanities
Re: Specialist Program in Arts and Culture

Proposal:
The Department of Humanities is proposing that enrolment in all streams of the Specialist Program in Arts and Culture - excepting Studio – be suspended effective the 2011-12 academic year. These streams are: Art History; Curatorial Studies; Music; and Theatre and Performance Studies.

6. New Courses

Biological Sciences

BIOC14H Genes, Environment and Behaviour
Course description:
This class will provide an overview of the role of genes in behaviour, either indirectly as structural elements or as direct participants in behavioural regulation. Topics to be covered are methods to investigate complex behaviours, specific examples of genetic effects on behaviour in animals and humans, and studies of gene-environment interactions.
Breadth Category: Natural Sciences
Exclusions: None
Pre-requisites: BIOB11H or BIOB10Y
Co-requisites: None
Recommended preparation: None
Limited enrolment: No

BIOC37H Comparative Plant Form and Function
Course description:
Plants have evolved organs adapted to maximize growth, survival and reproduction under various environmental conditions. This course will study plant structures in a comparative way with respect to both form and function of growth and sex, focusing mainly on the anatomy of flowering plants.
Breadth Category: Natural Sciences
Exclusions: EEB340H1S
Pre-requisites: BIOB31H
Co-requisites: None
Recommended preparation: None
Limited enrolment: Yes – 48
BIOC38H  Plants and Society
Course description:
How do plants feed the human population? Students will learn how plants grow and function and how the environment affects plant growth. Human population levels are at 6.5 billion, but it will climb to approximately 10 billion in 2050. This increase in population will tax our planet’s ability to sustain life as we know it. Environmental sustainability and food production will be also this course’s themes.
Breadth Category: Natural Sciences
Exclusions: EEB202H1F, EESB16H3
Pre-requisites: BIOB31H
Co-requisites: None
Recommended preparation: None
Limited enrolment: Yes – 48

BIOD19H  Epigenetics in Health and Disease
Course description:
A lecture/seminar/discussion class on the emerging field of environmental epigenetics. Course will cover basic epigenetic mechanisms, methods in epigenetic research, epigenetic control of gene function, and the role of epigenetics in normal development and human disease.
Breadth Category: Natural Sciences
Exclusions: None
Pre-requisites: BIOC14H, BIOC15H
Co-requisites: None
Recommended preparation: None
Limited enrolment: Yes – 30

BIOD62H  Species and Speciation
Course description:
Importance of species as the basic unit of evolution and different species concepts. Origin of species: processes of speciation (allopatric, sympatric; chromosomal speciation; speciation through sexual selection); pre-zygotic (habitat/temporal/pollinator/behavioural isolation) vs. post-zygotic speciation (extrinsic and intrinsic post-zygotic isolation); adaptive radiation; different rates of speciation. Flipside of speciation: extinction.
Breadth Category: Natural Sciences
Exclusions: EEB340H1S
Pre-requisites: BIOC50H
Co-requisites: None
Recommended preparation: None
Limited enrolment: Yes – 30

Computer & Mathematical Sciences

MATA02H  The Magic of Numbers
Course description:
A selection from the following topics: the number sense (neuroscience of numbers); numerical notation in different cultures; what is a number; Zeno’s paradox; divisibility, the fascination of prime numbers; prime numbers and encryption; perspective in art and geometry; Kepler and platonic solids; golden mean, Fibonacci sequence; elementary probability.
Breadth Category: Quantitative Reasoning
Exclusions: MATA20, MATA23, MATA30, MATA31, MATA32, MAT102, MAT123, MAT125, MAT133, MAT134, MAT135, MAT137, MAT157
Pre-requisites: None
Co-requisites: None  
Recommended preparation: None  
Limited enrolment: No

**MATA31H  Calculus I for Mathematical Sciences**  
Course description:  
A theoretical course in calculus emphasizing proofs and techniques, as well as the intuition behind them.  
Axioms and basic properties of real numbers. Functions, including transcendents. Limits and continuity.  
Least upper bounds, extreme and intermediate value theorems. Derivatives and applications. Integrals and the fundamental theorem of calculus.  
Breadth Category: Quantitative Reasoning  
Pre-requisites: Grade 12 Vectors and Calculus  
Co-requisites: None  
Recommended preparation: None  
Limited enrolment: No

**Humanities**

**HISC38H  Mexico Through American Eyes**  
Course description:  
This course focuses on the period of the Mexican revolution, 1910 through 1940, and will explore the influence of this political and social upheaval on changing cultural relations between the peoples of the United States and Mexico as seen through the work of foreign travellers, journalists, writers, filmmakers and photographers.  
Breadth Category: History, Philosophy & Cultural Studies  
Exclusions: None  
Pre-requisites: HISB30 and HISB31  
Co-requisites: None  
Recommended preparation: None  
Limited enrolment: Yes – 40

**HISD07H  Themes in the History of Childhood and Culture**  
Course description:  
An analysis of historical changes in childhood over space, time, and cultures through case studies of foundlings in Italy, factory children in England, orphans and adoption in the American West, labouring children in Canada and Australia, mixed-race children in British India.  
Breadth Category: History, Philosophy & Cultural Studies  
Exclusions: None  
Pre-requisites: At least 2 C-level courses in History and/or Women's/Gender Studies, or permission of the instructor  
Co-requisites: None  
Recommended preparation: None  
Limited enrolment: Yes – 15

**HISD44H  Nearby History: The Method and Practice of Local History**  
Course description:  
This course introduces students to the methods and practice of the study of local history, in this case the history of Scarborough. This is a service learning course that will require a commitment to working and studying in the classroom and the community as we explore forms of public history.
Breadth Category: History, Philosophy & Cultural Studies
Exclusions: None
Pre-requisites: At least one B-level and one C-level course in history, preferably Canadian history.
Co-requisites: None
Recommended preparation: None
Limited enrolment: Yes – 15

HUMA02H Inquiry and Reasoning in the Humanities
Course description:
A companion course to HUMA01, HUMA02 furthers students’ knowledge of humanistic inquiry through an investigation and application of research methods, approaches and systems. Students develop the core skills of inquiry and reasoning, including locating, collecting and learning from data, analyzing evidence and assertions, and communicating results within a Humanities context.
Breadth Category: History, Philosophy, and Cultural Studies
Exclusions: HUMB11
Pre-requisites: HUMA01
Co-requisites: None
Recommended preparation: None
Limited enrolment: Yes – 25 per section (ideal

VPAC21H Special Topics in Arts Management I
Course description:
Special topics for intensive practical, theoretical and/or experiential study of some specific aspects of Arts Management. The topic(s) to be explored in this course will change from session to session.
Breadth Category: Arts, Literature & Language
Exclusions: VPAD13
Pre-requisites: 10.0 credits, including VPAA10, VPAA12, and VPAB16.
Co-requisites: None
Recommended preparation: None
Limited enrolment: Yes – 25

VPAC22H Special Topics in Arts Management II
Course description:
Special topics for intensive practical, theoretical and/or experiential study of some specific aspects of Arts Management. The topic(s) to be explored in this course will change from session to session.
Breadth Category: Arts, Literature & Language
Exclusions: None
Pre-requisites: 10.0 credits, including VPAA10, VPAA12, and VPAB16.
Co-requisites: None
Recommended preparation: None
Limited enrolment: Yes – 25

VPMB65H Music and Healing
Course description:
From antiquity to the present day and across the globe, music is used as a means of curing illness. This course will examine music’s unique power to restore physical and mental health, both in Western medicine and in more traditional global contexts where it is part of dramatic healing ceremonies.
Breadth Category: Social & Behavioural Sciences
Exclusions: None
Pre-requisites: None
Co-requisites: None
Recommended preparation: VPMA99H
Limited enrolment: None

**VPDD50H  Advanced Seminar in Theatre and Performance**

*Course description:*
A study of key ideas in theatre and performance theory with a focus on pertinent 20th/21st-century critical paradigms such as postcolonialism, feminism, interculturalism, cognitive science, and others. Students will investigate theory in relation to selected dramatic texts, contemporary performances, and practical experiments.

*Breadth Category:* Arts, Literature & Language

*Exclusions:* DRE356H

*Pre-requisites:* Any 3.0 credits in TAPS and permission of the Program Director.

*Co-requisites:* None

*Recommended preparation:* None

*Limited enrolment:* Yes – 15

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**Management**

**MGTC77H  Financial Statement Analysis and Security Valuation**

*Course description:*
This course introduces the tools and skills required to perform a comprehensive financial statement analysis from a user perspective. Students will learn how to integrate the concepts and principles in accounting and finance to analyze the financial statements and to utilize that information in earnings-based security valuation.

*Breadth Category:* Social & Behavioural Sciences

*Exclusions:* None

*Pre-requisites:* MGTC09H3

*Co-requisites:* None

*Recommended preparation:* None

*Limited enrolment:* Yes – 40

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**MGTD30H  Applied Marketing Models**

*Course description:*
Marketing is a complex discipline incorporating not only an “art” but also a “science”. This course reviews the “science” side of marketing by studying multiple models used by companies. Students will learn how to assess marketing problems and use appropriate models to collect, analyze, and interpret marketing data.

*Breadth Category:* Quantitative Reasoning

*Exclusions:* MGTD455

*Pre-requisites:* MGTB04, ECMB09/B11 (Quantitative Methods in Economics), STAB27 (Statistics II)

*Co-requisites:* None

*Recommended preparation:* None

*Limited enrolment:* Yes – 30

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**ECMD70H  Financial Econometrics**

*Course description:*
Financial econometrics applies statistical techniques to analyze the financial data in order to solve problems in Finance. In doing so this course will focus on four major topics: Forecasting returns, Modeling Univariate and Multivariate Volatility, High Frequency and market microstructure, Simulation Methods and the application to risk management.

*Breadth Category:* Quantitative Reasoning

*Exclusions:* ECO462
Pre-requisites: ECMC11, ECMC49 or MGTC09
Co-requisites: None
Recommended preparation: None
Limited enrolment: Yes – 30

**Philosophy**

**PHLB02H  Environmental Ethics**

*Course description:*
This course examines ethical issues raised by our actions and our policies for the environment. Do human beings stand in a moral relationship to the environment? Does the environment have moral value and do non-human animals have moral status? These fundamental questions underlie more specific contemporary issues such as sustainable development, alternative energy, and animal rights.

*Breadth Category: History, Philosophy & Cultural Studies*

*Exclusions:* PHL273H1

*Pre-requisites:* None
*Co-requisites:* None
*Recommended preparation:* PHLA11H
*Limited enrolment:* No

**PHLB99H  Writing Philosophy**

*Course description:*
Philosophical writing emphasizes clear reasoning. Students will learn to analyze texts, to discern and assess argument structure, and to develop techniques for writing a clear well-argued analysis of a subject matter. These key writing skills lie at the core of philosophical method and they are also applicable across subject areas and disciplines.

This course is *strongly recommended* for philosophy specialists and majors, open to philosophy minors, and open to all other students by permission of the instructor.

*Breadth Category:* History, Philosophy & Cultural Studies

*Exclusions:* None

*Pre-requisites:* PHLA10H or PHLA11H
*Co-requisites:* None
*Recommended preparation:* None
*Limited enrolment:* No

**PHLC32H  Topics in Ancient Philosophy**

*Course description:*
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.

*Breadth Category:* History, Philosophy & Cultural Studies

*Exclusions:* PHL303H1, PHL304H, PHL300

*Pre-requisites:* 1.5 FCE in philosophy, at least one course in the history of philosophy, or permission of the instructor.

*Co-requisites:* None
*Recommended preparation:* None
*Limited enrolment:* No
PHLC37H  Kant
Course description:
This course focuses on the thought of Immanuel Kant, making connections to some of Kant’s key predecessors such as Hume or Leibniz. The course will focus either on Kant’s metaphysics and epistemology, or his ethics, or his aesthetics.
Breadth Category: History, Philosophy & Cultural Studies
Exclusions: PHL314H
Pre-requisites: 0.5 credits in philosophy, at least one course in the history of philosophy, or permission of the instructor.
Co-requisites: None
Recommended preparation: PHLB33 or PHLB35 or PHLB36
Limited enrolment: No

PHLC99H  Proseminar in Philosophy
Course description:
This is an intensive seminar for students specializing and majoring in philosophy. The course will develop advanced philosophical skills by focusing on textual analysis, argumentative techniques, writing and oral presentation. The course also aims to foster a cohesive cohort among philosophy specialists and majors. Each year, the course will focus on a different topic drawn from the core areas of philosophy for its subject matter.

This course is strongly recommended for Philosophy Specialist and Majors.
Breadth Category: History, Philosophy & Cultural Studies
Exclusions: None
Pre-requisites: 1.5 credits in Philosophy
Co-requisites: None
Recommended preparation: None
Limited enrolment: No

PHLD87H  Advanced Seminar in Philosophy of Mind
Course description:
This course offers in-depth examination of selected contemporary theories and issues in philosophy of mind, such as theories of perception or of consciousness, and contemporary research examining whether minds must be embodied or embedded in a larger environment.

Breadth Category: History, Philosophy & Cultural Studies
Exclusions: PHL405H
Pre-requisites: 3.5 credits in Philosophy, including at least 2 half courses at the C level, including PHLC95 or PHLC86.
Co-requisites: None
Recommended preparation: PHLC95
Limited enrolment: No

Physical & Environmental Sciences

ASTB23H  Astrophysics of Stars, Galaxies and the Universe
Course description:

Breadth Category: Natural Sciences
Exclusions: ASTB21H, ASTC22H, [AST221 & AST222]
Pre-requisites: MATA30H & [MATA36H or MATA37H] & PHYA21H
Co-requisites: MATB41H
Recommended preparation: None
Limited enrolment: No

ASTC25H3  Astrophysics of Planetary Systems

Course description:

Breadth Category: Natural Sciences
Exclusions: ASTB21H, ASTC22H
Pre-requisites: MATB41H & PHYA21H
Co-requisites: MATB42H
Recommended preparation: None
Limited enrolment: No

ASTD02H  Supervised Reading in Astrophysics

Course description:
An individual study program chosen by the student with the advice of, and under the direction of, a faculty member. A student may take advantage of this course either to specialize further in a field of interest or to explore interdisciplinary fields not available in the regular syllabus.

Breadth Category: Natural Sciences
Exclusions: AST425
Pre-requisites: 14.0 credits, cumulative GPA of at least 2.5, and permission from the coordinator.
Co-requisites: None
Recommended preparation: None
Limited enrolment: No

EESC34H  Sustainability in Practice

Course description:
This course is intended for students who would like to apply theoretical principles of environmental sustainability learned in other courses to real world problems. Students will identify a problem of interest related either to campus sustainability, a local NGO, or municipal, provincial, or federal government. Class meetings will consist of group discussions investigating key issues, potential solutions, and logistical matters to be considered for implementation of proposed solutions. Students who choose campus issues will also have the potential to actually implement their solutions. Grades will be based on participation in class discussions, as well as a final report and presentation.

Breadth Category: Natural Sciences
Exclusions: None
Pre-requisites: Enrollment in the Environmental Studies major program and 9.5 credits
Co-requisites: None
Recommended preparation: None
Limited enrolment: 20

Office of the Dean, March 2010
EESD16H  Project Management in Environmental Studies
Course description:
Students will select a research problem in an area of special interest. Supervision will be provided by a faculty member with active research in geography, ecology, natural resource management, environmental biology, or geosciences as represented within the departments. Project implementation, project monitoring and evaluation will form the core elements for this course.
Breadth Category:  Natural Sciences
Exclusions:  None
Pre-requisites:  Enrollment in the Environmental Studies major program and 14.5 credits
Co-requisites:  None
Recommended preparation:  None
Limited enrolment:  30

EESD17Y  Cohort Capstone Course in Environmental Studies
Course description:
This course is designed to provide a strong interdisciplinary focus on specific environmental problems including the socioeconomic context in which environmental issues are resolved. The cohort capstone course is in 2 consecutive semesters, providing final year students the opportunity to work in a team, as environmental researchers and consultants, combining knowledge and skill-sets acquired in earlier courses. Group research to local environmental problems and exposure to critical environmental policy issues will be the focal point of the course. Students will attend preliminary meetings schedules in the Fall semester.
Breadth Category:  Natural Sciences
Exclusions:  None
Pre-requisites:  Enrollment in the Environmental Studies major program and 14.5 credits
Co-requisites:  None
Recommended preparation:  None
Limited enrolment:  30

EESD18H  Environmental Studies Seminar Series
Course description:
This course will be organized around the DPES seminar series, presenting guest lecturers around interdisciplinary environmental themes. Students will analyze major environmental themes and prepare presentations for in-class debate.
Breadth Category:  Natural Sciences
Exclusions:  None
Pre-requisites:  Enrollment in the Environmental Studies major program and 14.5 credits
Co-requisites:  None
Recommended preparation:  None
Limited enrolment:  No

PHYB01H  Modern Physics for Non-Scientists
Course description:
A conceptual overview of some of the most interesting advances in physics and the intellectual background in which they occurred. The interrelationship of the actual practice of physics and its cultural and intellectual context is emphasized. (Spacetime; Symmetries; Quantum Worlds; Chaos).
Breadth Category:  Natural Sciences
Exclusions:  None
Pre-requisites:  4.0 credits
Co-requisites:  None
Recommended preparation:  None
Limited enrolment: Yes – 50

PHYB54H  Mechanics: From Oscillations to Chaos

Course description:
The linear, nonlinear and chaotic behaviour of classical mechanical systems such as oscillators, rotating bodies, and central field systems. The course will develop analytical and numerical tools to solve such systems and determine their basic properties. The course will include mathematical analysis, numerical exercises (Python), and demonstrations of mechanical systems.

Breadth Category: Natural Sciences

Exclusions: PHY254

Pre-requisites: PHYA21, MATB41, MATB44

Co-requisites: MATB42

Recommended preparation: None

Limited enrolment: No

PHYB56H  Introduction to Quantum Physics

Course description:
The course introduces the basic concepts of Quantum Physics and Quantum Mechanics starting with the experimental basis and the properties of the wave function. Schrödinger’s equation will be introduced with some applications in one dimension. Topics include Stern-Gerlach effect; harmonic oscillator; uncertainty principle; interference packets; scattering and tunnelling in one-dimension.

Breadth Category: Natural Sciences

Exclusions: PHY256

Pre-requisites: PHYA21, MATA36

Co-requisites: MATB41

Recommended preparation: None

Limited enrolment: No

PHYC50H  Electromagnetic Theory

Course description:
Solving Poisson and Laplace equations via method of images and separation of variables, Multipole expansion for electrostatics, atomic dipoles and polarizability, polarization in dielectrics, Ampere and Biot-Savart laws, multipole expansion in magnetostatics, magnetic dipoles, magnetization in matter, Maxwell’s equations in matter.

Breadth Category: Natural Sciences

Exclusions: PHY350

Pre-requisites: PHYB54, PHYB21, MATA23, MATB42, MATB44

Co-requisites: None

Recommended preparation: None

Limited enrolment: No

PHYC54H  Classical Mechanics

Course description:
A course that will concentrate in the study of symmetry and conservation laws, stability and instability, generalized co-ordinates, Hamilton’s principle, Hamilton’s equations, phase space, Liouville’s theorem, canonical transformations, Poisson brackets, Noether’s theorem.

Breadth Category: Natural Sciences

Exclusions: PHY354

Pre-requisites: PHYB54, MATB44

Co-requisites: None

Recommended preparation: None
Limited enrolment: No

**PHYC56H  Quantum Mechanics I**
*Course description:*
The course builds on the basic concepts of quantum theory students learned in PHYB56. Topics include the general structure of wave mechanics; eigenfunctions and eigenvalues; operators; orbital angular momentum; spherical harmonics; central potential; separation of variables; hydrogen atom; Dirac notation; operator methods; harmonic oscillator and spin.
*Breadth Category:* Natural Sciences
*Exclusions:* PHY356
*Pre-requisites:* PHYB56, PHYB21, MATA23, MATB42, MATB44
*Co-requisites:* None
*Recommended preparation:* None
*Limited enrolment:* None

**PHYD01H  Physics Research Project**
*Course description:*
Introduces students to current research in physics under the supervision of a professorial faculty member. Students undertake an independent project involving theoretical or experimental Physics. Evaluation is by the supervising faculty member in consultation with course supervisor. Students must obtain consent of the course supervisor to enrol in this course.
*Breadth Category:* Natural Sciences
*Exclusions:* PHY478
*Pre-requisites:* 14.0 credits, cumulative GPA of at least 2.5, and permission from the coordinator
*Co-requisites:* None
*Recommended preparation:* None
*Limited enrolment:* No

**PHYD11H  Computational Physics Project**
*Course description:*
Introduces students to current research topics in computational physics under supervision of a professorial faculty member. Students undertake independent project involving computational Physics. Evaluation by the supervising faculty member in consultation with the course supervisor. Students must obtain the consent of the course supervisor to enrol in this course.
*Breadth Category:* Natural Sciences
*Exclusions:* PHY478
*Pre-requisites:* 14.0 credits, cumulative GPA of at least 2.5, and permission from the coordinator
*Co-requisites:* None
*Recommended preparation:* None
*Limited enrolment:* No

**PHYD37H  Introduction to Fluid Mechanics**
*Course description:*
Description and understanding of the dynamics of fluid systems. Topics covered include the idea of continuum, total derivative, equations for mass and energy conservation, Navier-Stokes equations; introduces tensor notation; stream function, streamlines, trajectories, rate of strain, vorticity; viscous fluids, non-Newtonian rheologies; Bernoulli's equation, channel flow, turbulence, Reynold's number.
*Breadth Category:* Natural Sciences
*Exclusions:* PHY454
*Pre-requisites:* PHYC54
*Co-requisites:* None
Recommended preparation: None
Limited enrolment: No

PHYD38H  Nonlinear Systems and Chaos
Course description:
The theory of nonlinear dynamical systems with applications to many areas of physics and astronomy. Topics include stability, bifurcations, chaos, universality, maps, strange attractors and fractals. Geometric, analytical and computational methods will be developed.
Breadth Category: Natural Sciences
Exclusions: PHY460
Pre-requisites: PHYC54
Co-requisites: None
Recommended preparation: None
Limited enrolment: No

PHYD72H  Supervised Reading in Physics
Course description:
An individual study program chosen by the student with the advice of, and under the direction of, a faculty member. A student may take advantage of this course either to specialize further in a field of interest or to explore interdisciplinary fields not available in the regular syllabus.
Breadth Category: Natural Sciences
Exclusions: PHY372, PHY472
Pre-requisites: 14.0 credits, cumulative GPA of at least 2.5, and permission from the coordinator
Co-requisites: None
Recommended preparation: None
Limited enrolment: No

Psychology

PSYD11H  Psychology of Interpersonal Relationships
Course description:
This course focuses on social psychological theory and research pertaining to close interpersonal relationships. The course will cover topics including perceptions of and interactions within close relationships, development and maintenance of relationships, and relationship conflict and dissolution.
Breadth Category: Social & Behavioural Sciences
Exclusions: PSY420H, PSY424H
Pre-requisites: PSYB10H & [PSYC12H or PSYC14H]
Co-requisites: None
Recommended preparation: None
Limited enrolment: Yes – 24

PSYD12H  Social Psychology of the Self
Course description:
This seminar explores the topic of the self from an experimental social-psychological perspective, including an in depth analysis of the fundamental processes of the “hyphenated self:” self-knowledge, self-esteem, self-regulation, for just a few examples. This course is designed to not only introduce students to much of the important theory and research in the social psychology of the self, but also to develop critical thinking skills.
Breadth Category: Social & Behavioural Sciences
Exclusions: PSY326H, PSY420H
Pre-requisites: PSYB10H & [PSYC12H or PSYC14H]
Co-requisites: None
Recommended preparation: None
Limited enrolment: Yes – 24

PSYD32H  Personality Disorders
Course description:
This course reviews the latest research on the causes, longitudinal development, assessment, and treatment
of personality disorders. Students will learn the history of personality disorders and approaches to
conceptualizing personality pathology. Topics covered include “schizophrenia-spectrum” personality
disorders, biological approaches to psychopathy, and dialectical behaviour therapy for borderline
personality disorder.
Breadth Category: Social & Behavioural Sciences
Exclusions: PSY430H
Pre-requisites: PSYB30H & PSYB32H plus 0.5 credit, at the C-level, in PSY
Co-requisites: None
Recommended preparation: None
Limited enrolment: Yes – 24

Social Sciences

ANTB21H  Introduction to Linguistic Anthropology
Course description:
How are language and culture connected? How does language works as signs, in ritual, kinship, religion and
myth, how is it represented in media, and how does language affect thought? These questions are
introduced with a variety of ethnographic examples.
Breadth Category: Arts, Literature & Language
Exclusions: None
Pre-requisites: ANTA01 and ANTA02
Co-requisites: None
Recommended preparation: None
Limited enrolment: Without TA assistance the course will be capped at 45 students.

ANTC89H  TheAnthropology of the Middle East
Course description:
What makes the Middle East unique as a world region? This course considers topics like transnational
religious movements, imperial and nationalist histories, issues of language diversity, the impact of new
communication technologies, and regional conflicts. Ethnographic examples are drawn from different
contexts.
Breadth Category: Social & Behavioural Sciences
Exclusions: None
Pre-requisites: ANTB19 and ANTB20
Co-requisites: None
Recommended preparation: ANTB21
Limited enrolment: without TA assistance the course will be capped at 60

ANTC99H  Primate Evolution
Course description:
This course examines 65 million years of evolutionary history for non-human primates. The primary
emphasis will be on the fossil record. Topics covered may include the reconstruction of behaviour from
fossil remains, the evolution of modern primate groups, and the origins of the Order.
Breadth Category: Natural Sciences
Exclusions: None
Pre-requisites: ANTA01H3 or ANTB14H3 or permission of the instructor
Co-requisites: None
Recommended preparation: None
Limited enrolment: Yes – 60 per section

**ANTD99H  Advanced Topics in Primate Evolution**

*Course description:*
This course will examine questions of particular controversy in the study of Primate Evolution. Topics to be covered may include the ecological context of primate origins, species recognition in the fossil record, the identification of the first anthropoids, and the causes of extinction of the subfossil lemurs.

*Breadth Category:* Natural Sciences

*Exclusions:* ANTD13H3 if completed in the 2010/2011 academic year
*Pre-requisites:* ANTB14H & at least one C-level course in biological anthropology.
*Co-requisites:* None
*Recommended preparation:* ANTC99, Primate Evolution
*Limited enrolment:* Yes – 25 per section

**CITC04H  Municipal and Planning Law in Ontario**

*Course description:*
Constitutional authority, municipal corporations, official plans, zoning bylaws, land subdivision and consents, development control, deed restrictions and common interest developments, Ontario Municipal Board.

*Breadth Category:* Social & Behavioural Sciences
*Exclusions:* None
*Pre-requisites:* CITB01, CITB02
*Co-requisites:* None
*Recommended preparation:* None
*Limited enrolment:* Yes – 60

**CITC07H  Urban Social Policy**

*Course description:*
In recent years social policy has been rediscovered as a key component of urban governance. This course examines the last half-century of evolving approaches to social policy and urban inequality, with particular emphasis on the Canadian urban experience. Major issues examined are poverty, social exclusion, labour market changes, housing, immigration and settlement.

*Breadth Category:* Social & Behavioural Sciences
*Exclusions:* None
*Pre-requisites:* CITB01, CITB02
*Co-requisites:* None
*Recommended preparation:* None
*Limited enrolment:* Yes – 60

**CITC08H  Cities and Community Development**

*Course description:*
An examination of community development as the practice of citizens and community organizations to empower individuals and groups to improve the social and economic well-being of their communities and neighbourhoods. The course will consider different approaches to community development and critically discuss their potential for positive urban social change.

*Breadth Category:* Social & Behavioural Sciences
*Exclusions:* None
Pre-requisites: CITB01, CITB02  
Co-requisites: None  
Recommended preparation: None  
Limited enrolment: Yes – 60

**GGRC25H  Land Reform and Development**

*Course description:*
Land reform, which entails the redistribution of private and public lands, is broadly associated with struggles for social justice. It embraces issues concerning how land is transferred (through forceful dispossession, law; or markets), and how it is currently held. Land inequalities exist all over the world, but they are more pronounced in the developing world, especially in countries that were affected by colonialism. Land issues, including land reform, affect most development issues.

*Breadth Category:* Social & Behavioural Sciences  
*Exclusions:* None  
*Pre-requisites:* GGRB02H & [[GGRB13H & GGRB20H] or [IDSB01H & IDSB02H]]  
*Co-requisites:* None  
*Recommended preparation:* None  
*Limited enrolment:* Yes – 60

**SOCC27H  Sociology of Suburbs and Suburbanization**

*Course description:*
This course examines the political economy of suburban development, the myth and reality of suburbanism as a way of life, the working class suburb, the increasing diversity of suburban communities, suburbia and social exclusion, and the growth of contemporary suburban forms such as gated communities and lifestyle shopping malls.

*Breadth Category:* Social & Behavioural Sciences  
*Exclusions:* None  
*Pre-requisites:* SOCA01H3, SOCA02H3, SOC4H  
*Co-requisites:* None  
*Recommended preparation:* None  
*Limited enrolment:* Yes – 60

7. **Course Changes, Course Deletions, Double-Numbering Requests**

**Biological Sciences**

**Course Changes:**

**BIOA01H3  Introductory Biology: Part I**

*Description of Change:*
1. Change course title to: Life On Earth: Unifying Principles  
2. Change course description:

*From:*
A lecture and laboratory course providing an overview of biological processes at the cellular level. Topics include cell structure, DNA replication, transcription, translation, cell division and inheritance, bioenergetics and enzymes, metabolism and transport processes, and aspects of plant cell structure and function; the diversity of life is emphasized throughout.

*Note that both BIOA01H and BIOA02H must be completed prior to taking any other Biology course. The suggested course sequence is BIOA01H followed by BIOA02H, but taking these courses in either order is acceptable.*
To:
A lecture and laboratory course providing an overview of the origins and cellular basis of life, genetics and molecular biology, evolution and the diversity of microorganisms. 
Note that both BIOA01H and BIOA02H must be completed prior to taking any other Biology course.
3. Change Exclusions to: BIO150Y, (BGYA01H)

BIOA02H3 Introductory Biology: Part II
*Description of Change:*
1. Change course title to: Life On Earth: Form, Function and Interactions
2. Change course description: 
   From:
   A lecture and laboratory course providing an overview of animal physiology, ecology and evolution; physiological adaptations to environmental problems; interaction of organisms with each other and the environment in an evolutionary context; adaptation and speciation. 
   Note that both BIOA01H and BIOA02H must be completed prior to taking any other biology course. 
The suggested course sequence is BIOA01H followed by BIOA02H, but taking these courses in either order is acceptable.
   
   To:
   A lecture and laboratory course providing an overview of the anatomy and physiology of plants and animals, population biology, ecology and biodiversity.
   Note that both BIOA01H and BIOA02H must be completed prior to taking any other Biology course.
   3. Change Co-requisites
   From: None
   To: BIOA01H

BIOC12H3 Biochemistry I: Proteins & Enzymes
*Description of Change:*
Change course description:
From: 
A lecture course describing factors involved in determining protein structure and the relationships between protein structure and function. Topics will include: amino acids; the primary, secondary, tertiary and quaternary structures of proteins; protein motifs and protein domains; glycoproteins; classical enzyme kinetics and allosteric enzymes; mechanisms of enzyme action.

To: 
A lecture course describing factors involved in determining protein structure and the relationships between protein structure and function. Topics will include: amino acids; the primary, secondary, tertiary and quaternary structures of proteins; protein motifs and protein domains; glycoproteins; membrane proteins; classical enzyme kinetics and allosteric enzymes; mechanisms of enzyme action.

BIOC23H3 Practical Approaches to Biochemistry
*Description of Change:*
Change course description:
From: 
A lecture and laboratory course that introduces students to experimental approaches used in biochemical research.

Topics include practical and theoretical aspects of: spectrophotometry; chromatography, electrophoresis; radioisotopes; enzyme assay and protein purification. Students will be expected to solve numerical problems involving these and related procedures.

To:
A lecture and laboratory course that introduces students to experimental approaches used in biochemical research.

**BIOC33H3  Mammalian Physiology II: Lecture and Laboratory**  
*Description of Change:*
1. **Change Exclusions**  
   From: BIOC34H, (BGYC33H), (BGYC34H), PSL201Y, PSL300H, PSL301H, PSL302Y  
   **To:** BIOC34H, (BGYC33H), (BGYC34H), PSL201Y, PSL301H, PSL302Y
2. **Change Prerequisites**  
   From: BIOB30H & BIOB33H  
   **To:** BIOB30H

**BIOC34H3  Mammalian Physiology II: Lecture**  
*Description of Change:*
Change Exclusions  
From: BIOC33H, (BGYC33H), (BGYC34H), PSL201Y, PSL300H, PSL301H, PSL302Y  
**To:** BIOC33H, (BGYC33H), (BGYC34H), PSL201Y, PSL301H, PSL302Y

**BIOC50H3  Macroevolution**  
*Description of Change:*  
Change course description  
From:
An overview of recent developments in evolutionary biology that focus on large-scale patterns and processes of evolution. Areas of emphasis may include phylogenetic reconstruction, historical biogeography, the origins of evolutionary novelty, speciation, and patterns of diversification and extinction in the fossil record.  
**To:**  
An overview of recent developments in evolutionary biology that focus on large-scale patterns and processes of evolution. Areas of emphasis may include phylogenetic reconstruction, patterns of diversification and extinction in the fossil record, the history of life on earth, the geography of evolution, the evolution of biodiversity, and the process of speciation.

**BIOC51H3  Tropical Marine Ecology and Evolution**  
*Description of Change:*  
1. **Change title to:** Tropical Biodiversity Field Course  
2. **Change course description**  
   From:
A field-based course with 5 lectures at UTSC and 1 week at Bocas del Toro Marine Station in Panama. Ecological and evolutionary topics will be covered for coral reef, eel grass, mangrove and open ocean habitats. Student will be evaluated for their ability to conduct research and convey scientific information.  
   **To:**  
A course with preparatory lectures at UTSC and 1 week at a tropical field station. Ecological and evolutionary aspects of tropical biodiversity will be explored. Students must contact the instructor by September to enrol in this course.

**BIOC52H3  Ecology Field Course**  
*Description of Change:*  
Change course description  
From:
Coverage of basic principles and selected techniques of animal and plant ecology. Students will study a variety of techniques related to population ecology, community ecology, behavioural ecology, and
physiological ecology. Both aquatic and terrestrial environments will be the "field" laboratories. Occasional weekend field trips are mandatory (e.g., Jokers Hill). Offered in alternate years.

To:
Opportunity to experience hands-on learning through informal natural history walks, group projects, research projects in a small-class setting. The course covers basic principles and selected techniques of field ecology. The study of a variety of topics in population and community ecology, plant-animal interactions. Mandatory: occasional weekend field trips.

BIOC63H3  Conservation Biology

_Description of Change:_
Change course description
From:
A lecture and tutorial course on the scientific principles of biological conservation. Topics will include biodiversity, habitat loss and fragmentation, extinction rates, conservation planning, invasive species, and ecosystem services of diversity. Students will give one seminar and/or write one term paper.
To:
A lecture and tutorial course offering an introduction to the scientific foundation and practice of conservation biology. It reviews ecological and genetic concepts constituting the basis for conservation including patterns and causes of global biodiversity, the intrinsic and extrinsic value of biodiversity, the main causes of the worldwide decline of biodiversity and the approaches to save it.

BIOC67H3  Advanced Field Course in Ecology

_Description of Change:_
1. Change course title to: Inter-University Biology Field Course
2. Change course description
From:
Inter-university selections from a variety of field courses offered by the Ontario Universities Program in Field Biology, a co-operative arrangement among universities in Ontario. Courses, of one or two weeks' duration at a wide variety of field sites usually from late April through mid September. A fee for room and board is charged over and above tuition. Lists of courses available are posted early in January. Sign-up is on a first-come, first-served basis. Students register in the fall after the course has been completed. See the U of T Scarborough co-ordinator for further details.
To:
Field courses offered by the Ontario Universities Program in Field Biology (OUPFB) in a variety of habitats and countries, usually during the summer. OUPFB modules (courses) are posted online in January, and students must apply by the indicated deadline. Additional information is provided on the Department of Biological Sciences website.
3. Change Pre-requisites
From: BIOB50H & BIOB51H & permission of instructor
To: Varies by module (Permission of course co-ordinator required)

BIOD23H3  Special Topics in Cell Biology and Molecular Genetics

_Description of Change:_
1. Change course title to: Special Topics in Cell Biology
2. Change course description
From:
A lecture/seminar/discussion class on contemporary topics in Cell Biology and Molecular Genetics. Students will explore the primary literature becoming familiar with experimental design and methodologies used to decipher cell biology phenomena. Student seminars will follow a series of lectures and guest speakers and journal club discussions.
To:
A lecture/seminar/discussion class on contemporary topics in Cell Biology. Students will explore the primary literature becoming familiar with experimental design and methodologies used to decipher cell biology phenomena. Student seminars will follow a series of lectures and guest speakers and journal club discussions.
3. Change Prerequisites
   From: BIOC15H & [BIOC12H or IMCB08H plus IMCC03H (for Applied Microbiology students only)]
   To: BIOC12H & BIOC15H

BIOD29H3 Pathobiology of Human Disease
Description of Change:
Change Pre-requisites
From: BIOC15H
To: None

BIOD33H3 Comparative Environmental Physiology
Description of Change:
Change course title to: Comparative Animal Physiology

BIOD52H3 Senior Seminar in Biodiversity and Conservation Biology
Description of Change:
1. Change course title to: Special Topics in Biodiversity and Systematics
2. Change course description:
   From:
   A senior level seminar course to further students’ exposure to biodiversity and conservation biology in scientific literature. Students will read assigned papers then present them to the class and participate in discussion.
   To:
   A seminar exploration of current topics in biodiversity and systematics, including the molecular genetic, organismal, and community levels. Topics may include DNA barcoding, homology and developmental genetics, adaptive radiations, and morphological vs molecular systematics. The course is intended to develop ability in critical thinking and interpretation of the primary literature. Coursework will involve class presentations, discussions, and written analyses.
3. Change Pre-requisites
   From: BIOC63H
   To: BIOC50H

BIOD96H3 Directed Research in Paramedicine
Description of Change:
1. Change Prerequisites
   From: Minimum of 15.0 credits including PMDC54Y & PMDC56H & [PSYB07H or STAB22H] & PSYC08H
   To: Minimum of 15.0 credits including PMDC54Y & PMDC56H & [PSYB07H or STAB22H] & PSYC08H or permission of instructor.
2. Change section code from “H” to “Y” and change from a half credit course to a full credit course.
Course Deletions:

BIOD51H3  River Ecology

Computer & Mathematical Sciences

Course Changes:

MATA23H3  Linear Algebra I

*Description of Change:*
Change course description:
From:
Systems of linear equations, matrices, Gaussian elimination; vector spaces, basis, dimension; inner product spaces, geometry in $\mathbb{R}^n$; linear transformations; determinants, Cramer's rule; eigenvalues and eigenvectors, diagonalization; orthogonal transformations.
To:
Systems of linear equations, matrices, Gaussian elimination; basis, dimension; dot product; geometry in $\mathbb{R}^n$; linear transformations; determinants, Cramer's rule; eigenvalues and eigenvectors, diagonalization.

MATA30H3  Calculus I

*Description of Change:*
1. Change course title to: Calculus I for Biological and Physical Sciences
2. Update Exclusions:
From:
(MATA20H), MATA32H, MAT123H, MAT124H, MAT125H, MAT126H, MAT133Y, MAT135Y, MAT137Y, MAT157Y, JMB170Y, (MATA27H)
To:

MATA35H3  Calculus II for Biological Sciences

*Description of Change:*
Change Pre-requisites
From:  MATA30H
To:  MATA30H or MATA31H

MATA36H3  Calculus II for Physical Sciences

*Description of Change:*
Change Pre-requisites
From:  MATA30H
To:  MATA30H or MATA31H

MATA37H3  Calculus II for Mathematical Sciences

*Description of Change:*
1. Change course description
From:
A calculus course providing a conceptual approach for students needing more than techniques and applications. An introduction to proof and the theoretical side of basic calculus emphasizing intuition.
Fundamental Theorem of Calculus, Taylor's Theorem, sequences and series, power series and differential equations.

To:
A continuation of MATA31, emphasizing proofs and techniques, as well as the intuition behind them. Transcendental functions revisited. Techniques and applications of integration. Taylor polynomials and remainder term. Sequences and series. Uniform convergence and power series.

2. Change Pre-requisites
From: MATA30H
To: MATA31H

MATB24H3 Linear Algebra II
Description of Change:
Change course description
From:
Fields, vector spaces over a field, linear transformations; diagonalizability, invariant subspaces, Cayley-Hamilton theorem; hermitian inner product, normal, self-adjoint and unitary operators, method of least squares, introduction to coding theory.
To:
Fields, vector spaces over a field, linear transformations; inner product spaces, coordinatization and change of basis; diagonalizability, orthogonal transformations, invariant subspaces, Cayley-Hamilton theorem; hermitian inner product, normal, self-adjoint and unitary operators. Some applications such as the method of least squares and introduction to coding theory.

MATB43H3 Introduction to Analysis
Description of Change:
Change course description
From:
Calculus revisited rigorously: properties of real numbers, limits, compactness, topology of Euclidean space, continuity, differentiability, fundamental theorem, Riemann integral.
To:
Generalities of sets and functions, countability. Topology and analysis on the real line: sequences, compactness, completeness, continuity, uniform continuity. Topics from topology and analysis in metric and Euclidean spaces. Sequences and series of functions, uniform convergence.

MATC37H3 Introduction to Real Analysis
Description of Change:
Change course description
From:
To:
Course Changes:

**ENGD63H3  Rap Poetics**
*Description of Change:*
1. Change in level from D to C; New Course code is: ENGC73H3
2. Change Exclusions
   From: None
   **To:** ENGD63H3
3. Change Pre-requisites
   From: 2 C-level courses in English
   **To:** ENGB03 & ENGB04 & [one of ENGB05 or (ENGB01H) or (ENGB02H)]
4. Change Enrolment Limit
   From: 22 students
   **To:** 50 students

Humanities

Course Changes:

**FREB43H3  Understanding French Grammar**
*Description of Change:*
Change Exclusions
From: FRE172H
**To:** FRE272Y, FREC01H/C02H or equivalent, native proficiency

**FREB84H3  Folktale, Myth and the Fantastic in the French-Speaking World**
*Description of Change:*
1. Change course description [deletes “Taught in English”]:
   From:
   An examination of the imagined/imaginative in cultures and belief systems in the francophone world. Myths and folktales from Canada, the U.S., French Guyana, North and West Africa will be examined in terms of form, function, psychological dimensions and cultural interpretations of, for instance, life, death, food and individualism. Taught in English.
   **To:**
   An examination of the imagined/imaginative in cultures and belief systems in the francophone world. Myths and folktales from Canada, the U.S., French Guyana, North and West Africa will be examined in terms of form, function, psychological dimensions and cultural interpretations of, for instance, life, death, food and individualism. This course was formerly taught in English, but will now be taught in French.
2. Change Pre-requisites
   From: [FREA01H & FREA02H for students enrolled in French programs or two A-level courses in Humanities or permission of instructor.
   **To:** [FREA01H & FREA02H] or equivalent or permission of instructor.

**FREC48H3  Sociolinguistics of French**
*Description of Change:*
Change course description
From:
An exploration of the relationship between language and society within a francophone context. We examine how language use is influenced by social factors such as socio-economic status, types of situation and gender of speaker. Other topics include dialect, languages in contact, language shift, social codes and pidgin and Creole languages.

To:
An exploration of the relationship between language and society within a francophone context. We examine how language use is influenced by social factors. Topics include dialect, languages in contact, language shift, social codes and pidgin and Creole languages. Fieldwork is an integral part of this course.

FREC83H3 Cultural Identities and Stereotypes in the French-Speaking World
Description of Change:
1. Change course description [deletes “Taught in English”]
From:
The history and development of perceptions of "us" and "them" in France and the francophone world. The course examines language and culture, and the historic role of Eurocentrism and colonialism in the construction of cultural stereotypes. "Others" considered include the "noble savage", the "Oriental", the "country bumpkin" and the "foreigner". Taught in English.
To:
The history and development of perceptions of "us" and "them" in France and the francophone world. The course examines language and culture, and the historic role of Eurocentrism and colonialism in the construction of cultural stereotypes. "Others" considered include the "noble savage", the "Oriental", the "country bumpkin" and the "foreigner". This course was formerly taught in English, but will now be taught in French.
2. Change Pre-requisites
From: Two Humanities courses or permission of instructor.
To: [FREB01H & FREB02H] or equivalent, and one of FREB22H, FREB27H and FREB28H or equivalent, or permission of instructor.

FRED06H3 Language Practice VIII: Oral French
Description of Change:
Change course description
From:
Directed to students specializing in French and all those who wish to strengthen their knowledge/use of French.
We explore ways in which quite simplified linguistic tools shed light on the apparent complexity of French grammar, and examine parts of speech, grammatical features and functions, subordination, clause types, and more.
To:
An advanced language course designed for students who want to consolidate their oral/aural skills. In-class discussions, debates and oral presentations will enhance their fluency, expand their vocabulary and improve their pronunciation. FRED06H is offered as a service-learning course.

HISB31H3 History of the United States Since the Civil War
Description of Change:
Change Pre-requisites
From: HISB30H
To: None

IEEB01H3 Human, Inhuman, Non-human
Description of Change:
Change course description
From:
This course investigates how definitions of human and non-human have been expressed and have changed over time. What are the repercussions of defining someone or something as human or inhuman? Case studies may include slavery, genocide, animals, monsters, artistic expression, cybernetics, or disability.

To:
How have definitions of human and non-human been expressed and changed over time? What does it mean to define someone or something as human or inhuman? Topics might include slavery, genocide, animals, monsters, artistic expression, cybernetics, or disability. Assignments involve experiential learning. Required for all IEE majors.

IEEB02H3 Senses, Sensibility, Sensuality

Description of Change:
Change course description
From:
This course examines connections between the physical and the subjective by focusing on how sensual responses acquire and shape meaning. The course investigates the body, sexuality, visuality, taste, purity/pollution, and aurality. Case studies may include food, music, consumption and material culture, theatricality, or cinema.

To:
This course focuses on how sensual responses acquire and shape meaning and considers the body, sexuality, visuality, taste, purity/pollution, and aurality. Case studies may include food, music, consumption and material culture, or arts. Assignments involve experiential learning. Required for IEE majors.

IEEB03H3 Time, Story, Perspective

Description of Change:
Change course description
From:
This course explores key questions about the stories we tell and how we tell them. It examines perceptions of time and space, chronology and geography, truth and myth, narrative genres, and performance. Case studies may include: translation, travel, epic, song, theatre, and mapping.

To:
This course explores key questions about the stories we tell. It examines perceptions of time and space, chronology and geography, truth and myth, and narrative genres. Cases may include: translation, travel, epic, song, theatre, and mapping. Assignments include experiential learning. Required for IEE majors.

IEEC11H3 Perspectives on Languages and Culture I

Description of Change:
Change course description
From:
How does language shape the way groups and individuals understand art, literature, music, conversation, and everyday action? Combining readings from a variety of fields this course explores the sociocultural practices which language helps to structure. Topics will vary with instructor.

To:
How does language shape the way groups and individuals understand art, literature, music, conversation, and everyday action? Combining readings from several fields this course explores the sociocultural practices which language helps to structure. Assignments include experiential learning. Topics vary with instructor.
IEEC22 Perspectives on the Globalized and the Transnational II
Description of Change:
Change course description
From:
What does globalization mean? How new is it? And how can we study it by looking at phenomena such as consumption, mass media, transnational migration, and representations of home and abroad? This course will explore these issues through selected case studies. Topics will vary with instructor.
To:
What does globalization mean? And how can we study it by looking at phenomena such as consumption, mass media, transnational migration, and representations of home and abroad? This course explores this through case studies. Assignments include experiential learning. Topics vary with instructor.

IEEC41H3 Themes in Translation and Cultural Mediation I
Description of Change:
Change course description
From:
This course examines how individuals and groups engage in translation, conversion, and the representation of cultural difference. Through case studies from across time and space it explores how and why boundaries between religions, cultures, languages, and societies have been drawn and re-drawn. Topics will vary with instructor.
To:
This course examines how individuals and groups engage in translation, conversion, and the representation of cultural difference. Through case studies it explores how and why boundaries between religions, cultures, languages, and societies have been drawn. Assignments include experiential learning. Topics vary with instructor.

IEEC71 Exchanges in Performance and the Arts I
Description of Change:
Change course description
From:
This course investigates the interrelationship between various art forms from the perspective of performativity. Topics may include the social role of performance, the body in performance, performing identities, virtual performance, and the impact of technology on the performing body. Topics will vary with instructor.
To:
This course investigates the relationship between art forms from the perspective of performance. Topics may include the social role of performance, the body in performance, performing identities, virtual performance, and the impact of technology on the performing body. Assignments include experiential learning. Topics vary with instructor.

LINA01H3 General Linguistics I
Description of Change:
Change course title to: Introduction to Linguistics

LINA02H3 General Linguistics II
Description of Change:
1. Change course title to: Applications of Linguistics
2. Change course description
From:
An introduction to the application of the linguistic methods and theories in LINA01 to topics such as the relationships between language and mind, language and culture, language and history, and language and society.

**To:**
Application of the concepts and methods acquired in LINA01 to the study of, and research into, language history and language change; the acquisition of languages; language disorders; the psychology of language; language and in the brain; and the sociology of language.

**LINB13H3 Language Diversity and Language Universals**

*Description of Change:*

Change Pre-requisites

*From:* LINB06H

*To:* LINB06H or permission of the instructor

**LINC27H3 Language and Ethnicity**

*Description of Change:*

Change Pre-requisites

*From:* One full credit at the B-level in LIN or PLI

*To:* One full credit at the B level in LIN or PLI, excluding LINB17 and LINB18

**PLIB25H3 Second Language Acquisition**

*Description of Change:*

Change Pre-requisites

*From:* LINA01H or FREB44H or FREB45H or alternative prerequisite with permission of the instructor.

*To:* LINA01H or [FREB44H & FREB45H], or alternative prerequisite with permission of the instructor.

**PLIC24H3 First Language Acquisition**

*Description of Change:*

Change Pre-requisites

*From:* [One full credit in LIN or [FREB44H & FREB45H]] & one full credit in PSY

*To:* LINB04 or LINB06 or LINB09

**PLIC55H3 Psycholinguistics**

*Description of Change:*

Change Pre-requisites

*From:* One credit in LIN and one credit in PSY

*To:* LINB04 or LINB06 or LINB09.

**PLID55H3 Disorders of Speech and Language**

*Description of Change:*

Change Pre-requisites

*From:* One full credit in LIN, one full credit in PSY & [PLIB25H or PLIC24H or PLIC55H] or permission of the instructor.

*To:* LINB09 and [LINC24H or LINC55H]

**MDSA01H3 Introduction to Media Studies**

*Description of Change:*

Change course description

*From:*
Introduces students to the variety of ways new media are used by scholars to enable new modes of enquiry, knowledge representation, and learning. Explores how digital media are used to enhance creative communications and new forms of knowledge representation in a variety of contexts and disciplines.

To:
Introduces students to key terms and concepts in media studies as well as an overview of theoretical and critical understandings of media. Through a study of classic and cutting-edge media studies texts, students develop an understanding of the political, economic, social and cultural contexts in which mediated images and texts are produced, distributed and consumed.

MDSA02H3  From Print to Digital: History of Media and Technology (1450-Present)

Description of Change:
1. Change course title to: From Print to Digital: History of Media and Technology
2. Change course description

From:
This course surveys the history of media and communication technologies and how such technologies exert impact on human societies. It covers the development of the printing press, telegraph, radio, film, television, and the digital revolution.

To:
This course surveys the history of media and communication technologies, from the development of writing through to the printing press, newspaper, telegraph, radio, film, television and internet. Students examine the complex interplay among changing media technologies and concomitant cultural, political and social changes, from the rise of a public sphere to the development of highly-mediated forms of self identity.

MDSA21H3  Introduction to Journalism I

Description of Change:
1. Change course code back to JOU01H
2. Change course description:
Delete: Preference will be given to Journalism and Media Studies students.
Add: This course is open only to students in the Journalism Joint Program.
3. Add to Exclusions: MDSA21H

MDSA22H3  Introduction to Journalism II

Description of Change:
1. Change course code back to JOU02H
2. Change course description:
Delete: Preference will be given to Journalism and Media Studies students.
Add: This course is open only to students in the Journalism Joint Program.
3. Add to Exclusions: MDSA22H

MDSB24H3  Journalism in the Age of New Media

Description of Change:
1. Change course code to JOUB24H
2. Change course description:
Delete: Preference will be given to Journalism and Media Studies students.
Add: This course is open only to students in the Journalism Joint Program.
3. Add to Exclusions: MDSB24H

MDSB26H3  Covering Immigration

Description of Change:
1. Change code back to JOUB01H.
2. Change title to: Covering Immigration and Transnational Issues
3. Change course description:
Delete: Preference will be given to Journalism and Media Studies students.
Add: This course is open only to students in the Journalism Joint Program.
4. Add to Exclusions: MDSB26

**MDSB27H3 Critical Journalism**
*Description of Change:*
1. Change code back to JOUB02H.
2. Change course description:
Delete: Preference will be given to Journalism and Media Studies students.
Add: This course is open only to students in the Journalism Joint Program.
3. Add to Exclusions: MDSB26

**MDSB39H3 Fundamentals of Journalistic Writing**
*Description of Change:*
1. Change course code to JOUB39H
2. Change course description:
Delete: Preference will be given to Journalism and Media Studies students.
Add: This course is open only to students in the Journalism Joint Program.
3. Add to Exclusions: MDSB27

**MDSB61H3 Digital Media and Cyberspace**
*Description of Change:*
1. Change title to: Critical Approaches to Digital Media
2. Change course description
From:
This course introduces students to the key concepts and terms in digital media studies as well as approaches to digital media criticism.
To:
This course introduces students to key terms and concepts in digital media studies as well as approaches to digital media criticism. Students examine the myriad ways that digital media contribute to an ongoing reformulation of the dynamics of contemporary society, including changing concepts of community, communication, identity, privacy, property, and the political.

**MDSB62H3 Design in Visual Culture**
*Description of Change:*
1. Change title to: Visual Culture
2. Change course description
From:
How do contemporary cultural workers engage the potential of emerging design technologies? CAD, digital networks, robotics, space age materials, exotic industrial processes, bioengineering and countless other technologies are changing design practices, styles and content. This course offers a conceptual framework for investigating the cultural impact of these new media.
To:
Visual Culture studies the construction of the visual in art, media, technology and everyday life. Students learn the tools of visual analysis; investigate how visual depictions such as YouTube and advertising structure and convey ideologies; and study the institutional, economic, political, social and market factors in the making of contemporary visual culture.
MDSC63H3 Legal and Ethical Issues in New Media Studies

Description of Change:
1. Change title to: Legal and Ethical Issues in Media Studies
2. Change course description

From:
This course is designed to be an in-depth exploration of ethical issues in the areas of journalism, advertising, and entertainment in the digital media environment. The case study approach will be used so students can apply the ethical decision-making framework introduced in the course 'Media Ethics' to examine ethical issues such as truth, accuracy, privacy, copyright infringement, and persuasion.

To:
Introduces students to legal and ethical issues in media, including journalism, advertising, and entertainment. Students learn legal principles and ethical theory and apply them to media industries and practices. Topics include issues of access, privacy, intellectual property and copyright, libel and slander, violence, censorship, and media democratization.

MDSD01H3 Senior Seminar: Topics in Digital Media and Arts

Description of Change:
1. Change course title to: Senior Seminar: Topics in Media and Arts
2. Change course description

From:
This is a senior seminar that focuses on digital media and arts. Through research or studio projects, students will explore how artists use the potentials offered by digital technologies to create new ways of expression.

To:
This is a senior seminar that focuses on the connections among media and the arts. Students explore how artists use the potentials offered by various media forms, including digital media, to create new ways of expression. Topics vary.

MDSD02H3 Senior Seminar: Topics in Digital Media and Society

Description of Change:
1. Change course title to: Senior Seminar: Topics in Media and Society
2. Change course description

From:
This is a senior seminar that focuses on digital media and society. It explores social and political implications of digital media and how social forces shape the development of new media. Topics vary.

To:
This is a senior seminar that focuses on media and society. It explores the social and political implications of media, including digital media, and how social forces shape their development. Topics vary.

VPDC40H3 Special Topics in Theatre I

Description of Change:
1. Change course description

From:
Special topics for intensive practical and/or theoretical study of some specific aspects of theatre. The topic to be explored in this course will change from session to session. Further information can be found on the VPA-Theatre & Performance Studies website.

To:
Special topics for intensive practical study of some specific aspects of theatre. The topic to be explored in this course will change from session to session. Further information can be found on the VPA-Theatre & Performance Studies website.
2. Change Pre-requisites to: Any 3 full credits in Theatre & Performance Studies and permission of the Program Director.

**VPDD40H3  Special Topics in Theatre II**

*Description of Change:*
1. Change course description
   From:
   Selected advanced topics for intensive practical and/or theoretical study of some specific aspect of theatre. The topic to be explored in this course will change from session to session. The course will normally be offered during the Winter session. Further information can be found on the VPA - Theatre & Performance Studies website.
   **To:**
   Selected advanced topics for intensive practical study of some specific aspect of theatre. The topic to be explored in this course will change from session to session. The course will normally be offered during the Winter session. Further information can be found on the VPA - Theatre & Performance Studies website.
2. Change Pre-requisites
   From: VPDC40H or permission of the Program Supervisor.
   **To:** VPDC40H or any 3 full credits in Theatre & Performance Studies and permission of the Program Director. {note: confirmation from Dept that Program Director is correct}

**VPHB59H3  Current Art Practices**

*Description of Change:*
1. Change course description
   From:
   Shifts in theory and practice in art of the past fifty years. Studying selected artists' works from around the world, we explore how notions of modern art gave way to the postmodern as artists' media, patterns of practice, and ideas about their relations to the public and to their institutional contexts changed.
   **To:**
   Shifts in theory and practice in art of the past fifty years. Studying selected artists' works from around the world, we explore how notions of modern art gave way to new ideas about media, patterns of practice, and the relations of art and artists to the public, to their institutional contexts, and to globalized cultures.

**VPHB63H3  Fame, Glory and Spectacle: 14th-16th Century Art in Italy**

*Description of Change:*
Change Pre-requisites
From: VPHA46H
**To:** VPHA46H or permission of instructor

**VPHB64H3  Baroque Visions**

*Description of Change:*
Change Pre-requisites
From: VPHA46H
**To:** VPHA46H or permission of instructor

**VPHB65H3  Exhibiting Africa: Spectacle and the Politics of Representation**

*Description of Change:*
1. Change Pre-requisites
   From: VPHA46H or AFSA01H
   **To:** VPHA46H or AFSA01H or permission of instructor
2. Delete Co-requisites
VPHB70H3 Topics in Global Visual Culture

Description of Change:
1. Change title to: Images of Women: East Asian Visual Culture
2. Change course description
From:
This course will focus on changing themes in the study of visual culture (visual arts, film, new media) within a global context.
To:
Images of women in East Asia both provoked and became products of changing ideas of tradition, history, and nation. Covering a wide variety of media, including painting, prints, photography, and film, this course examines the role of gender images in politics, the impact of imagery on daily experience, and the relationships among artist, image, and viewer. Same as GASB70H.
3. Change Pre-requisites [also noted in Double-Numbering entry below]
From: VPHA46H
To: VPHA46H, GAS01H, or WSTA01H

VPHC51H3 Word and Image

Description of Change:
Change Pre-requisites
From: (VPHB48H) or VPHB58H or permission of instructor.
To: One B-level course in art history or permission of instructor.

VPHC63H3 Explorations in Early Modern Art

Description of Change:
Change Pre-requisites
From: VPHA46H & [one of VPHB63H or VPHB64H or VPHB74H]
To: VPHA46H & [one of VPHB63H or VPHB64H or VPHB74H] or permission of the instructor

VPHD46H3 Visual Encounter: The Meeting of Eastern and Western Art

Description of Change:
Add Exclusions: FAH368H

VPSB86H3 Material Applications for Time-Based Sculpture

Description of Change:
1. Change title to: Sculpture and Technology
2. Update Pre-requisites
From: VPSA71H
To: VPSA62H, VPSA63H and 0.5 FCE at the A level in Studio.

VPSC68H3 Theory and Practice: Time-Based Work

Description of Change:
Change course description
From:
An exploration of ideas and practice with an emphasis on time-based media: performance, video, audio, and installation.
To:
An exploration of ideas and practice with an emphasis on time-based media: performance, video, audio, time-based sculpture and installation.
VPSC52H3  Documentary Video
VPSC53H3  Kinetic Sculpture
VPSC54H3  Painting III
VPSC55H3  Drawing III
VPSC56H3  Studio Practice
VPSC58H3  Advanced Photo Concepts
VPSC59H3  Advanced Installation and Site-specific art
VPSC60H3  Advanced Video
VPSC66H3  Theory and Practice: Two-dimensional work
VPSC68H3  Theory and Practice: Time-based work
VPSC69H3  Theory and Practice: Art in a Globalizing World
VPSC70H3  Theory and Practice: New Media in Studio
VPSC71H3  Performing with Cameras
VPSC73H3  Interdisciplinary Drawing Concepts
VPSC74H3  Advanced Web-based Projects
VPSC75H3  Advanced Sculpture

Description of Change:
Add to Pre-requisites in each of the above courses: VPHA46 Ways of Seeing: Introduction to Art Histories

VPSC53H3  Kinetic Sculpture
Description of Change:
Change Pre-requisites
From: VPSA71H & VPSB86H
To: VPHA46H and VPSB86H and 1.0 full credit at the B and/or C level in Studio.

VPSC56H3  Studio Practice
Description of Change:
Change Pre-requisites
From: 4.0 full credits in Studio including at least 1.0 full credit at the B-level in the stated area of study.
To: VPHA46H and 3.5 full credits in Studio including at least 1.0 full credit at the B and/or C level in the area of study.

VPSC59H3  Advanced Installation and Site-Specific Art
Description of Change:
Change Pre-requisites
From: VPSB63H & 1.5 additional full credits in Studio at the B- or C-level
To: VPHA46H and 1.0 full credit at the B and/or C level in Studio.

VPSC60H3  Advanced Video
Description of Change:
Change Pre-requisites
From: VPSB76H & 1.5 additional full credits in Studio at the B- or C-level
To: VPHA46H and VPSB76H and/or 1.0 full credit at the B or C level in Studio.

VPSC75H3  Advanced Sculpture
Description of Change:
Change Pre-requisites
From: VPSA71H & VPSB63H & [0.5 additional credit at the B- or C-level in Studio or permission of instructor].
To: VPHA46H and [VPSA71H or VPSB63H or VPSB86H] and 1.0 full-credit at the B or C level in Studio.

**WSTB10H3  Women: Initiatives for Change**
*Description of Change:*
Change course title to: Women’s Local and Global Movements for Change

**WSTC12H3  Writing the Self: Autobiographies of Global Francophone Women**
*Description of Change:*
Change course title to: Writing the Self: Global Women’s Autobiographies

**WSTD03H3  Senior Seminar in Health, Sexualities and the Gendered Body/Constructions of Women and Gender**
*Description of Change:*
Change Pre-requisites
From: WSTA01H & [WSTA03H or (WSTA02H)] & WSTB11H & two C-level courses from Clusters 1 & 2 in Requirement 7 of the Major Program.
To: WSTA01H & [WSTA03H or (WSTA02H)] & WSTB11H & two C-level courses from Clusters 1 & 2 in Requirement 7 of the Major Program, or permission of the instructor.

**WSTD04H3  Senior Seminar in Gender, Equity and Human Rights/Gender, Local and Global Communities**
*Description of Change:*
Change Pre-requisites
From: WSTA01H & [WSTA03H or (WSTA02H)] & WSTB11H & WSTA01H & [WSTA03H or (WSTA02H)] & WSTB11H & two C-level courses from Clusters 3 & 4 in Requirement 7 of the Major Program
To: WSTA01H & [WSTA03H or (WSTA02H)] & WSTB11H & two C-level courses from Clusters 3 & 4 in Requirement 7 of the Major, or permission of the instructor.

**Course Deletions:**

**HISD90H3  Weimar Culture**
**HUMA11H3  Introduction to Canadian Culture and Society: A Course for Non-Native Speakers of English**
**HUMA17H3  Current Approaches to the Academic Process I: A Course for Non-Native Speakers of English**
**HUMA18H3  Current Approaches to the Academic Process II: A Course for Non-Native Speakers of English**
**HUMA19H3  Writing Practicum: A Course for Non-Native Speakers of English**
**HUMB11H3  Critical Thinking, Reasoning and Decision Making**
**MDSB04H3  Media Ethics**
**MDSC07H3  Gender, Race and Ethnicity in Advertising**
**MDSD03H3  Senior Seminar: Issues in Contemporary Media, Representation and Culture**
**MDSD04H3  Senior Seminar: Topics in Media, Politics, and Democracy/Democratisation**
**RLGC11H3  Theravada Buddhism**
<table>
<thead>
<tr>
<th>Existing Course Code</th>
<th>Course Title</th>
<th>Proposed Double-Numbering Code</th>
<th>Action</th>
</tr>
</thead>
</table>
| HISB57H3             | Sub-Continental Histories: South Asia in the World                           | GASB57H3                       | • Update Exclusions for HISB57H: HIS282Y, HIS282H, GASB75H  
• Add Exclusions for GASB57H: HIS282Y, HIS282H, HISB57H  
• Re Course description:  
  For HISB57H add: Same as GASB57H  
  For GASB57H add: Same as HISB57H |
| HISB58H3             | Modern Chinese History                                                      | GASB58H3                       | • Update Exclusions for HISB58H: HIS280Y, GASB58H  
• Add Exclusions for GASB58H: HIS280Y, HISB58H  
• Update Pre-requisites for HISB58H:  
  From: None  
  To: HISA01, or HISA02, or GASA01, or GASA02  
• Re Course description:  
  For HISB58H add: Same as GASB58H  
  For GASB58H add: Same as HISB58H |
| HISC57H3             | China and the World                                                          | GASC57H3                       | • Add Exclusions for HISC57H: GASC57H  
• Add Exclusions for GASC57H: HISC57H  
• Change Pre-requisites for HISC57H:  
  From: Any 4.0 credits.  
  To: At least 4.0 FCE completed.  
• Add Pre-requisites for GASC57H: At least 4.0 FCE completed.  
• Re Course description:  
  For HISC57H add: Same as GASC57H  
  For GASC57H add: Same as HISC57H |
| HISD56H3             | ‘Coolies’ and Others: Asian Labouring Diasporas in the British Empire        | GASD56H3                       | • Add Exclusions for HISD56H: GASD56H  
• Add Exclusions for GASD56H: HISD56H  
• Re Course description:  
  For HISD56H add: Same as GASD56H  
  For GASD56H add: Same as HISD56H |
| HISD58H3             | Culture, Politics, and Society in Late Imperial China                       | GASD58H3                       | • Add Exclusions for HISD58H: GASD58H  
• Add Exclusions for GASD58H: HISD58H  
• Update Pre-requisites for HISD58H:  
  From: 8.0 credits including GASA01H or HISB58H |
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| HISD59H3             | Law and Society in Chinese History               | GASD59H3                       | To: 8.0 credits including **at least** GASA01H or HISB58H  
|                      |                                                  |                                | • Add Pre-requisites for GASD58H: 8.0 credits including **at least** GASA01H or HISB58H  
|                      |                                                  |                                | • Re Course description:  
|                      |                                                  |                                | For HISD58H add: *Same as GASD58H*  
|                      |                                                  |                                | For GASD58H add: *Same as HISD58H*  
|                      |                                                  |                                | **Note:** All course details for double-numbered course are as for existing course except where noted below.  
|                      |                                                  |                                | **To:** at least 8.0 FCE completed, or [HISB58H or GASB58].  
|                      |                                                  |                                | • Add Pre-requisites for GASD59H: at least 8.0 FCE completed, or [HISB58H or GASB58].  
|                      |                                                  |                                | • Re Course description:  
|                      |                                                  |                                | For HISD59H add: *Same as GASD59H*  
|                      |                                                  |                                | For GASD59H add: *Same as HISD59H*  
| MDSB05H3             | Media and Globalization                          | GASB05H3                       | • Update Exclusions for MDSB05H: HUMB74H, GASB05H  
|                      |                                                  |                                | • Add Exclusions for GASB05H: HUMB74H, MDSB05H  
|                      |                                                  |                                | • Re Course description:  
|                      |                                                  |                                | For MDSB05H add: *Same as GASB05H*  
|                      |                                                  |                                | For GASB05H add: *Same as MDSB05H*  
| RLG C12H3            | Contemporary Engaged Buddhist Movements in Asia  | GASC12H3                       | • Update Exclusions for RLG C12H: NEW214Y, (RLGB07H), GASC12H  
|                      |                                                  |                                | • Update Exclusions for GASC12H3: NEW214Y, (RLGB07H), RLG C12H  
|                      |                                                  |                                | • Re Course description:  
|                      |                                                  |                                | For RLG C12H add: *Same as GASC12H*  
|                      |                                                  |                                | For GASC12H add: *Same as RLG C12H*  
| VPHB67H3             | Religion in the Arts: Buddhist Arts and Cultures | GASC67H3                       | • Add Exclusions for VPHB67H: GASB67H  
|                      |                                                  |                                | • Add Exclusions for GASB67H: VPHB67H  
|                      |                                                  |                                | • Re Course description:  
|                      |                                                  |                                | For VPHB67H add: *Same as GASB67H*  
|                      |                                                  |                                | For GASB67H add: *Same as VPHB67H*  
| VPHB70H3             | Topics in Global Visual Culture                 | GASC70H3                       | • Update Exclusions for VPHB70H: VCC302H, VCC304H, GASB70H  
|                      |                                                  |                                | • Add Exclusions for GASB70H: VCC302H, VCC304H, VPHB70H  
|                      |                                                  |                                | • Update Pre-requisites for VPHB70H  
|                      |                                                  |                                | From: VPHA46H  
|                      |                                                  |                                | **To:** VPHA46H, or GASA01H, or WSTA01H  

**NOTE:** *Course Change form (see above) for VPHB70H*
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<tr>
<td>VPHB73H3</td>
<td>Visualizing Asia</td>
<td>GASC73H3</td>
<td>• Add Exclusions for VPHB73H: GASC73H, FAH261H</td>
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<td>• Add Exclusions for GASC73H: VPHB73H, FAH261H</td>
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<td>To: VPAA05H, VPHA46H, or GASA01H</td>
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<td>• Add Pre-requisites for GASC73H: VPAA05H, VPHA46H, or GASA01H</td>
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<td>For VPHB73H add: <em>Same as GASC73H</em></td>
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<td>For GASC73H add: <em>Same as VPHB73H</em></td>
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<td>VPHB75H3</td>
<td>Religion in the Arts: Hinduism and Jainism</td>
<td>GASC75H3</td>
<td>• Update Exclusions for VPHB75H: (VPHB55H), (VPHC55H), GASC75H</td>
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<td>• Add Exclusions for GASC75H: (VPHB55H), VPHB75H, (VPHC55H)</td>
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<td>For GASC75H add: <em>Same as VPHB75H</em></td>
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<tr>
<td>VPHC53H3</td>
<td>The Silk Routes</td>
<td>GASC53H3</td>
<td>• Add Exclusions for VPHC53H: GASC53H</td>
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<td>For GASC53H add: <em>Same as VPHC53H</em></td>
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<td>VPHC74H3</td>
<td>A Tale of Three Cities: Introduction to Contemporary Art in China</td>
<td>GASC74H3</td>
<td>• Add Exclusions for VPHC74H: GASC74H</td>
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<td>For GASC74H add: <em>Same as VPHC74H</em></td>
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<td>VPHD46H3</td>
<td>Visual Encounter: The Meaning of Eastern and Western Art</td>
<td>GASD46H3</td>
<td>• Add Exclusions for VPHD46H: GASD46H</td>
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<tr>
<td>WSTC19H3</td>
<td>Gender in East Asian Science and Technology</td>
<td>GASC19H3</td>
<td>• Update Exclusions for WSTC19H: IEEC32H, GASC19H</td>
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<td>For GASC19H add: <em>Same as IEEC32H, WSTC19H</em></td>
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<td>CLAA04H3</td>
<td>The Ancient Mediterranean World</td>
<td>HISA07H</td>
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<td>• Add Exclusions for HISA07H: CLAA04H</td>
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<td>For CLAA04H add: <em>Same as HISA07H</em></td>
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<td>For HISA07H add: <em>Same as CLAA04H</em></td>
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<td>HISB10H</td>
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<td>For CLAB05H add: <em>Same as HISB10H</em></td>
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<td>For CLAB06H add: <em>Same as HISB11H</em></td>
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<td>For HISB11H add: <em>Same as CLAB06H</em></td>
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<td>CLAC05H3</td>
<td>Environment, Society and Economy in Ptolemaic and Roman Egypt</td>
<td>HISC10H</td>
<td>• Update Exclusions for CLAC05H: IEEC52H, HISC10H</td>
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<td>For CLAC05H add: *Same as IEEC52H, HISC10H</td>
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<td>CLAC24H3</td>
<td>Multiculturalism and Cultural Identities in the Greek and Roman Worlds</td>
<td>HISC11H</td>
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<td>For CLAC24H add: <em>Same as HISC11H</em></td>
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<td>For HISC11H add: <em>Same as CLAC24H</em></td>
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<td>CLAD05H3</td>
<td>Water Management in the Ancient Mediterranean World</td>
<td>HISD10H</td>
<td>• Add Exclusions for CLAD05H: HISD10H</td>
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<td>For CLAD05H add: <em>Same as HISD10H</em></td>
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<td>Introduction to Global Asia I</td>
<td>HISA06H</td>
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<td>For HISA06H add: <em>Same as GASA01H</em></td>
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<td>GASC50H3</td>
<td>Comparative Studies of East Asian Legal Cultures</td>
<td>HISC56H3</td>
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<td>• Add Exclusions for HISC56H: GASC50H3</td>
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<td>• Add Pre-requisites for GASC50H: HISB58H or an equivalent B-level</td>
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<td>history course in East Asia or permission of the instructor</td>
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<td>For GASC50H add: <em>Same as HISC56H</em></td>
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<td>For HISC56H add: <em>Same as GASC50H</em></td>
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<td>LINC28H3</td>
<td>Language and Gender</td>
<td>WSTC28H3</td>
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<td>• Add Exclusions for WSTC28H: JAL355H, LINC28H</td>
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<td>• Add Pre-requisites for WSTC28H: WSTA01H or WSTA03H, and one full</td>
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<td>credit at the B-level in ANT, LIN, SOC or WST</td>
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<td>For LINC28H add: <em>Same as WSTC28H</em></td>
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<td>For WSTC28H add: <em>Same as LINC28H</em></td>
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**Management**

**Course Changes:**

**MGTC44H3  International Business Management**

*Description of Change:*

Change course description

*From:*

This course deals with problems facing managers of international business, such as political risk & contingency planning, human threats and weather extremes, relationships with NGOs (WTO, IMF & World Bank), Foreign Direct Investment & foreign exchange issues.

*To:*

MGTC46H3  Managerial Perspectives in a Global Economy

*Description of Change:*

**From:**
The surge in globalization, especially for Canada, has increased the need to extend managerial principles into a global context. Topics explored include issues around doing business in the global economy, from international trade, multinational strategies, outsourcing, risk management, and global financial strategies. International trading systems institutions are also considered.

**To:**
This course discusses Managerial perspectives on the influences of Globalization, Sovereignty and Sustainable Development. Extensive discussions of int'l business ethics and social-cultural considerations. Foreign Direct Investment, Outsourcing, Global Manufacturing and Supply Chain Management. Guest speakers.

MGTC74H3  Analysis for Decision-Making

*Description of Change:*

**From:**
An introduction to the applications of Management Science in decision-making situations involving organizations like manufacturing, service and non-business institutions. Topics include linear programming; integer programming; transportation, assignment and transhipment problems; waiting line models; and decision analysis. Many of the techniques learned involve determining an optimal decision subject to various constraints.

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

MGTC75H3  Operations Management: A Mathematical Approach

*Description of Change:*

**From:**
Introduction to the broad scope and major strategic, tactical, and operational decisions in Operations Management. Topics include: forecasting, long-range capacity planning, location and layout of facilities, aggregate planning, project management, inventory control, and production scheduling.

**To:**
An introduction to a broad scope of major strategic and tactical issues in Operations Management. Topics include: project management, inventory management, supply chain management, forecasting, aggregate planning, materials requirements planning, production scheduling.

MGTD06H3  Marketing in the Information Age

*Description of Change:*

**From:**
Information technology has had a radical impact on the marketing of even common consumer goods. This course allows students to become conversant with the implications and implementations of internet-related changes on business. Students will gain experience in critiquing web-sites of existing companies.

**To:**
Advantages/Disadvantages; and Benefits and Limitations of e-commerce. E-commerce business models. SEO Search Engine Optimization. Viral marketing. Online branding. Online communities and Social

**MGTD20H3  Marketing Management**

*Description of Change:*
1. Change level from D to C: new course code is MGTC05
2. Change Exclusions
   From: (MGTC05H), MGT353H, RSM350H  
   **To:** MGTD20
3. Change Pre-requisites
   From: MGTB04H & 0.5 full credits of C- or D-level marketing electives from within [MGTC12H or (MGTD12H)], MGTC20H, MGTD06H, MGTD07H & MGTD13H
   **To:** MGTB04

**Course Deletions:**

**ECMB09Y3  Quantitative Methods in Economics**

**ECMC42H3  The Economics of the Internet and E-Commerce**

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**Physical & Environmental Sciences**

**Course Changes:**

**ASTC01H3  Research Topics in Astronomy**

*Description of Change:*
1. Change course title to: Astrophysics Research Project
2. Change course level from C to D; new course code is ASTD01H3
3. Change Exclusions
   From: AST425H
   **To:** AST425H, ASTC01H3
4. Change Pre-requisites
   From: ASTA01H & ASTA02H & PHYB21H & permission of the instructor
   **To:** ASTB23, ASTC25, 14.0 completed FCEs, cumulative GPA of at least 2.5, and permission from the coordinator.

**EESC15H3  Research Seminar in Environmental Science**

*Description of Change:*
Change course title to: Research in Environmental Science

**PHYA21H3  Introduction to Physics IIA**

*Description of Change:*
1. Change course description
From:
   This course is intended for students in physical and mathematical sciences. First Electricity and Magnetism (including Electromagnetic theory) will be covered. This provides students with an example of the concept of unification which become a fundamental theme of Modern physics. The second topic will be Nuclear physics, which represents an important application of modern physics, and Nuclear Magnetic Resonance (NMR) will serve as an application of these concepts to real life.
To:
This second physics course is intended for students in physical and mathematical sciences programs. Topics include electromagnetism and special relativity.

2. Change Pre-requisites
From: PHYA10H
To: PHYA10H, [MATA30H or MATA31H]

**PHYA22H3 Introduction to Physics IIB**

*Description of Change:*
1. Change Pre-requisites
From: PHYA10H or PHYA11H or (PHYA01H)
To: [PHYA10H or PHYA11H or (PHYA01H)] and [MATA30H or MATA31H]

**PHYB10H3 Intermediate Physics Laboratory I**

*Description of Change:*
1. Change Pre-requisites
From: PHYB23H
To: PHYB23H, [MATA36H or MATA37H]
2. Add Co-requisites: MATB41H3

**PHYB11H3 Intermediate Physics Laboratory II**

*Description of Change:*
1. Change course level from B to C; new course code is PHYC11H
2. Change Exclusions
From: PHYB23H
To: PHYB11H3
3. Change Pre-requisites
From: PHYB10H
To: PHYB10, PHYB21, PHYB52

**PHYB52H3 Thermal Physics**

*Description of Change:*
Change Pre-requisites
From: PHYA21H or PHY132H or (PHY138Y) or PHY152H
To: [PHYA21H or PHY132H or (PHY138Y) or PHY152H], MATB41H

**Course Deletions:**

- ASTB21H3 Solar System and Stellar Astrophysics
- ASTC22H3 Galactic and Extragalactic Astrophysics
- PHYB20H3 Vibrations and Waves
- PHYB25H3 Foundation of Modern Physics
- PSCB01H3 The Instrumentation of Science
Psychology

Course Changes:

PSYC32H3  Clinical Neuropsychology Laboratory

*Description of Change:*
Change course description

*From:*
The applied science concerned with the behavioural expression of brain dysfunction for students in the Behavioural Disorders stream of the Co-op Program in Psychology and Its Applications. Lecture and demonstration material will be as described for PSYC31H, Clinical Neuropsychology, but students will also complete a laboratory component. The laboratory will afford the student the opportunity for hands-on experience with a number of neuropsychological measures and will emphasize the learning of specific test administration and interpretation.

*To:*
The applied science concerned with the behavioural expression of brain dysfunction for students in the **Specialist (Co-op) program in Mental Health Studies.** Lecture and demonstration material will be as described for PSYC31H, Clinical Neuropsychology, but students will also complete a laboratory component. The laboratory will afford the student the opportunity for hands-on experience with a number of neuropsychological measures and will emphasize the learning of specific test administration and interpretation.

Social Sciences

Course Changes:

ANTB14H3  Biological Anthropology: Beginnings

*Description of Change:*
Change Pre-requisites

*From:* [ANTA01H & ANTA02H] or permission of the instructor

*To:* ANTA01H

ANTB19H3  Ethnography and the Comparative Study of Human Societies

*Description of Change:*
Change Pre-requisites

*From:* [ANTA01H & ANTA02H] or permission of the instructor

*To:* ANTA02H

ANTC16H3  The Foundation and Theory of Human Origins

*Description of Change:*
Change Pre-requisites

*From:* [ANTA01H & ANTA02H] or permission of the instructor

*To:* ANTA01 or ANTB14 or ANTC17

GGRB02H3  The Logic of Geographical Thought

*Description of Change:*
Change Pre-requisites

*From:* GGRA02H & GGRA03H

*To:* Any 4 credits
GGRB05H3 Urban Geography
Description of Change:
Change Pre-requisites
From: [GGRA02H & GGRA03H] or IDSB01H or alternative prerequisite with permission of the instructor
To: Any 4 credits

GGRB13H3 Social Geography
Description of Change:
Change Pre-requisites
From: [GGRA02H & GGRA03H] or [SOCA01H & SOCA02H]
To: Any 4 credits

GGRB20H3 Environmental Conservation and Sustainable Development
Description of Change:
Change Pre-requisites
From: GGRA02H or [EESA01H & EESA05H] or IDSB02H
To: Any 4 credits

GGRB28H3 Geographies of Disease
Description of Change:
Change Pre-requisites
From: One of GGRA02H, GGRA03H or HLTA01H
To: Any 4 credits

GGRC02H3 Population Geography
Description of Change:
Change Pre-requisites
From: HLTB01H or [Any one of GGRB02H, GGRB05H, GGRB13H, GGRB20H, or GGRB28H
To: STAB22H & [GGRB02H or HLTB01H]

GGRC04H3 Urban Residential Geography
Description of Change:
Change Pre-requisites
From: University-level half-credit in data analysis & GGRB02H & [one of CITB01H, ECMB01H, GGRB05H, GGRB06H, GGRB27H, GGRC27H
To: STAB22H & [GGRB02H & GGRB05H] or [CITB01H & CITB02H]

GGRC09H3 Current Topics in Social Geography
Description of Change:
Change Pre-requisites
From: Prerequisite: GGRA02H & GGRA03H & GGRB02H & GGRB13H
To: GGRB02H & GGRB13H

GGRC10H3 Urbanization and Development
Description of Change:
Change Pre-requisites
From: GGRA02H & GGRA03H & GGRB02H & GGRB05H
To: [GGRB02H & GGRB05H] or [CITB01H & CITB02H]
GGRC11H3  Current Topics in Urban Geography
Description of Change:
Change Pre-requisites
From: GGRA02H & GGRA03H & GGRB02H & GGRB05H
To: [GGRB02H & GGRB05H] or [CITB01H & CITB02H]

GGRC13H3  Urban Political Geography
Description of Change:
Change Pre-requisites
From: GGRB02H & GGRB05H & [CITB01H or (GGRB06H)]
To: [GGRB02H & GGRB05H] or [CITB01H & CITB02H]

GGRC18H3  Urban Transportation Policy Analysis
Description of Change:
1. Change course code to: CITC18H3
2. Change Exclusions:
From: GGR324H
To: GGR324H, GGRC18H

GGRC21H3  Current Topics in Environmental Geography
Description of Change:
Change Pre-requisites
From: GGRA02H & GGRA03H & GGRB02H & GGRB20H
To: GGRB02H & GGRB20H

GGRC27H3  Location and Spatial Development
Description of Change:
Change Pre-requisites
From: GGRB02H & [ECMB01H or ECMB02H]
To: ECMA01 & [{GGRB02H & GGRB05H} or {CITB01H & CITB02H} or ({ECMB01H or ECMB02H} & {ECMB05H or ECMB06H})]

CITC01H3  Urban Communities and Neighbourhoods Case Study: East Scarborough
CITC02H3  Learning in Community Service
CITC03H3  Real Estate and the City
Description of Change:
Add to Pre-requisites: CITB02H

ISTB01H3  International Studies and International Communications
Description of Change:
1. Change course code to: IDSB10H
2. Change course title to: Knowledge and Communication for Development
3. Add Exclusions: ISTB01H
4. Add as a note to the IS section of the Calendar: ISTB01H3 is no longer offered. Students may take IDSB10H3 as a substitute.

IDSB01H3  Political Economy of International Development
IDSB02H3  Development and Environment
IDSB04H3  International Health Policy Analysis
IDSB06H3  Equity, Ethics and Justice in International Development
IDSC01H3  Research Design for Development Fieldwork
IDSC04H3  Project Management I
IDSC06H3  Directed Research on Canadian Institutions and International Development
IDSC07H3  Project Management II
IDSC08H3  Media and Development
IDSC10H3  Topics in International Development Studies
IDSC11H3  Issues in International Health
IDSC12H3  Economics of Small Enterprise and Microcredit
IDSD01Y3  Post-placement Seminar and Thesis
IDSD02H3  Supervised Research in International Development
IDSD14H3
IDSD15H3  Directed Reading

Description of Change:
Add to Pre-requisites: IDSA01H

IDSD02H3  Supervised Research in International Development
Description of Change:
Change Pre-requisites
From: 15.0 credits including completion of Requirements 1-3 and at least 2.0 credits in Requirement 4 in the Specialist Program.
To: 15.0 credits, completion of Requirements 1-3, and completion of at least 2.0 credits in Requirement 4 in the Specialist Program. One of the credits from Requirement 4 must be at the C- or D-level. Students with a CGPA of less than 2.5 will not be admitted.

HLTB04H3  Health and the Urban Environment
Description of Change:
Change Breadth Requirement
From: Natural Sciences
To: Social & Behavioural Sciences

SOCB44H3  Urban Sociology: Macro-Analysis
Description of Change:
Change course title to: Sociology of Cities and Urban Life

SOCB49H3  Family in Transition
Description of Change:
Change course title to: Sociology of Family

SOCC08H3  Gender and Information Technology
Description of Change:
Change Pre-requisites
From: SOCA01H & SOCA02H & [SOCB05H or [(SOCB40H) & (SOCB41H)]] & SOCB42H & SOCB43H
To: SOCA01H & SOCA02H & [SOCB05H or [(SOCB40H) & (SOCB41H)]] & SOCB42H & SOCB43H
OR ISTB01H, IDSA01

SOCC26H3  Sociology of Urban Growth
Description of Change:
Change course description
From:
An in-depth examination of the conditions, patterns and consequences of urban growth and development. Major topics will include the emergence of new urban institutions (legal, political, economic) and the formation and operation of urban social networks.

To:
An in-depth examinations of major trends and theories of urban growth from the 19th century to the present. Topics include planning urban utopias (Ebenezer Howard, Le Corbusier, Frank Lloyd Wright); Jane Jacobs’ urban neighbourhood; edge cities; new urbanist principles; spectacular consumption spaces; neo-bohemia, urban scenes and the creative city.

**SOCC29H3 Cross-Cultural Family Norms**
*Description of Change:*
Change course title to: Special Topics in Sociology of Family

**SOCC38H3 Gender and the Sociology of Higher Education**
*Description of Change:*
1. Change course title to: Gender and Education
2. Change Pre-requisites
From: SOCA01H & SOCA02H & [SOCB05H or [(SOCB40H) & (SOCB41H)]]
To: SOCA01H & SOCA02H & [SOCB05H or [(SOCB40H) & (SOCB41H)]] & SOCB42H & SOCB43H

**Course Deletions:**

**GGRC20H3 Issues in Rural Development**
**SOCB45H3 Urban Sociology: Micro-Analysis**
**SOCB48H3 Family and Society**