To: Academic Committee  
Date: June 12, 2012  

From: John Scherk, Vice-Dean, Undergraduate  

Re: 2012-13 Out-of-Cycle Undergraduate Curriculum Submissions, University of Toronto Scarborough

The attached 2012-13 out-of-cycle undergraduate curriculum submissions were reviewed by the Office of the Dean are recommended for approval to Academic Committee:

1. DEPARTMENT OF HUMANITIES, PP 2-5  
   - IEE/Women’s and Gender Studies  
   - Linguistics  
   - Media Studies  
2. DEPARTMENT OF PHYSICAL & ENVIRONMENTAL SCIENCES, PP 6-7  
   - Physical Sciences  
3. DEPARTMENT OF SOCIAL SCIENCES, PP 8-14  
   - Anthropology/Health Studies  
   - Health Studies  
   - Political Science

NOTE: Changes approved by Academic Committee on June 12, 2012
1. Department of Humanities

Intersections, Exchanges, Encounters in the Humanities
Women’s and Gender Studies

COURSE CHANGES:

IEEC31H3 is double-numbered with WSTC21H3. Course changes impact both courses.

IEEC31H Gender, Health, Science in Transnational Perspective

Description of Changes:
• Add pre-requisites

Calendar Entry Showing Changes:
IEEC31H3 Gender, Health, Science in Transnational Perspective
This course provides an advanced introduction to feminist scholarship on science, health, and technology. It examines a history and culture of modern scientific research, health practice, and technologies in western and non-western societies.
Same as WSTC21H3
Prerequisite: WSTA01H3 or WSTA03H3 and 4.5 additional credits in any discipline.
Corequisite: 0.5 B-level credit in IEE or 1.0 credit in Humanities, English or Philosophy at the B, C or D-level.
Exclusion: WSTC21H3
Enrolment Limits: 50
Breadth Requirement: History, Philosophy & Cultural Studies

WSTC21H Gender, Health, Science in Transnational Perspective

Description of Changes:
• Revise pre-requisites
• Revise Breadth Requirement Category

Calendar Entry Showing Changes:
WSTC21H3 Gender, Health, Science in Transnational Perspective
This course provides an advanced introduction to feminist scholarship on science, health, and technology. It examines a history and culture of modern scientific research, health practice, and technologies in western and non-western societies.
Same as IEEC31H3
Prerequisite: Any 5.0 full credits WSTA01H3 or WSTA03H3 and 4.5 additional credits in any discipline.
Exclusion: IEEC31H3
Recommended Preparation: [WSTA01H3 & WSTA03H3] or [GASA01H3 & GASA02H3] or (GASB01H3)
Enrolment Limits: 50
Breadth Requirement: Social & Behavioural Sciences History, Philosophy & Cultural Studies
Rationale:
Students will be better prepared for the course if they have a prior knowledge in feminist theory/introduction to women’s and gender studies. There is no impact on learning outcomes, topics covered or methods of assessment.

Consultation:
Within IEE and Women’s and Gender Studies.

Impact on Resources:
None

Media Studies

NEW COURSES:

MDSC62H3  Labour and Media
The course will explore relations between journalism and the labour movement in Canada’s present media environment. It will look at how labour is perceived as a media issue, what is reported, how it is reported and what isn’t reported. It will examine significant issues in Canadian labour history, and how labour stories are framed in mainstream media and why.

Prerequisites: [JOUA01H3 and JOUA02H3] or [MDSA01H3 and MDSA02H3]
Enrolment Limit: 40 students
Breadth Requirement: Arts, Literature & Language

Rationale:
Journalism, as it is currently practised in Canada, is focused less on labour-management relations and more on public disruption during work stoppages. This course will examine misconceptions about, as well as key moments in, labour history in Canada including law, collective bargaining, the public perception of unions, the media portrayal of unions, and the concept of the public interest in labour-management relations. The examination of how unions came into being, how they operate, and their present and future challenges make the course distinctive and innovative. In addition, the decline in media awareness of labour issues coupled with the abandonment of the union beat by many media organizations make this course essential for future journalists. The course will be taught by Rick Salutin, which will give it additional appeal.

This course is designed for third and fourth year students. Its role is to give students a deeper and richer understanding of labour issues in and around media and journalism. At present, there is no course that offers those aspects.

Learning Outcomes:
The goal of the course is to give the students a deeper critical basis for examining how labour issues are treated in the media. Students will have a greater understanding of the historical bases of labour and journalism as well as more media literacy about where to look for reliable sources of information, use of key words and phrases in reporting and an awareness of how labour reporting is of benefit to the information-seeking Canadian public. Students will understand that nostalgia for a supposed golden-age of labour is not the same as tough-minded reporting.
Topics Covered:
• different aspects of labour history
• different aspects of labour law
• what is collective bargaining; questions of strategy in bargaining
• the process of organizing the unorganized.
• Canadian and ‘international’ unions
• public and private sector workers; the difference in the strike weapon in each case
• public perceptions of unions
• the treatment of labour in media; changing over time; loss of labour beats
• the Harper government in relation to labour and strikes
• case studies: sitdown strikes; Winnipeg general strike; CAW, Eaton’s
• unions, parties and politics
• unions and (or as a substitute for) the welfare state and social programs
• unions and 'the public interest'
• changing and contradictory patterns globally regarding unions
• the rand formula
• union leadership and grass roots
• media relations in unions
• film portrayals of unions: Norma Rae, On the Waterfront, Salt of the Earth, Ocean’s Twelve
• workers and poetry

Methods of Assessment:
Assigned essays, group projects, in-class discuss and participation, final examination.

Consultation:
Within Journalism, Humanities, and also with Centennial College.

Linguistics

MINOR PROGRAM MODIFICATIONS:

Specialist in Psycholinguistics

Overview of Changes:
• Delete PLIC65H3 from the list of options in Requirement #5 of the program.

Calendar Entry Showing Changes:
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. LINA01H3 Introduction to Linguistics
2. LINA02H3 Applications of Linguistics
   PSYA01H3 Introductory Psychology: Part I
   PSYA02H3 Introductory Psychology: Part II
   LINB04H3 Phonology I
   LINB06H3 Syntax I
LINB09H3  Phonetics: The Study of Speech Sounds
PLIC24H3  First Language Acquisition
PLIC55H3  Psycholinguistics
PLIC65H3  Quantitative Methods in Linguistics

3.  1.5 full credits from the following courses:
    LINB20H3  Sociolinguistics
    LINC02H3  Phonology II
    LINC05H3  Morphology
    LINC11H3  Syntax II
    LINC12H3  Semantics: The Study of Meaning

4.  2.5 full credits from the following courses:
    LINA10H3  Structure of American Sign Language
    LINC09H3  Phonetic Analysis
    PLIB25H3  Second Language Acquisition
    PLIC15H3  Speech Perception
    PLID34H3  Psycholinguistics of Reading
    PLID44H3  Acquisition of the Mental Lexicon
    PLID55H3  Disorders of Speech and Language

5.  1.5 full credits from the following courses:
    PLIC65H3  Quantitative Methods in Linguistics (highly recommended)
    PSYB20H3  Introduction to Developmental Psychology
    PSYB51H3  Perception and Cognition or PSYB57H3  Memory and Cognition
    PSYB65H3  Human Brain and Behaviour
    PSYC21H3  Advanced Developmental Psychology

6.  2.0 further full credits in LIN and/or PLI

Rationale:
PLIC65H3 is already listed as a required course in Requirement #2 of the program so to list it
as an option in Requirement #5 is redundant.

Impact on Students:
None

Consultation:
Within the Linguistics group.
2. Department of Physical & Environmental Sciences

Physical Sciences

MINOR PROGRAM MODIFICATIONS:

Co-operative Program in Physical Sciences

Overview of Changes:
This is a proposal to unpackage the Co-operative Program in Physical Science into its separate programs:

Specialist Programs:
- Biological Chemistry Specialist Co-op
- Chemistry Specialist Co-op
- Environmental Biology Specialist Co-op
- Environmental Chemistry Specialist Co-op
- Environmental Geosciences Specialist Co-op
- Environmental Physics Specialist Co-op
- Physical and Mathematical Sciences Specialist Co-op
- Physics and Astrophysics Specialist Co-op
- Mathematics Specialist Co-op
- Quantitative Analysis Specialist Co-op

Major Programs:
- Biochemistry Major Co-op
- Chemistry Major Co-op
- Environmental Science Major Co-op
- Physics and Astrophysics Major Co-op
- Physical Sciences Major Co-op
- Mathematics Major Co-op
- Statistics Major Co-op

NOTE: No changes to program requirements are proposed at this time.

Rationale:
The omnibus Co-operative Program in Physical Sciences is a vestige of the Department of Physical Sciences, which separated into the Departments of Computer & Mathematical Sciences and Physical & Environmental Sciences in 2002. Each of the Specialist and Major co-op programs attached to the omnibus program also has a non-co-op analog housed as follows:

Programs in the Department of Physical & Environmental Sciences
- Biological Chemistry Specialist
- Chemistry Specialist
- Environmental Biology Specialist
- Environmental Chemistry Specialist
- Environmental Geosciences Specialist
• Environmental Physics Specialist
• Physical and Mathematical Sciences Specialist
• Physics and Astrophysics Specialist
• Biochemistry Major
• Chemistry Major
• Environmental Science Major
• Physics and Astrophysics Major
• Physical Sciences Major

Programs in the Department of Computer & Mathematical Sciences
• Mathematics Specialist
• Quantitative Analysis Specialist
• Mathematics Major
• Statistics Major

Separating the co-operative programs from their analog non-co-operative programs under a different program title, and in a different location in the UTSC Calendar makes it unnecessarily difficult for students to find them. The Department of Computer & Mathematical Sciences and the Department of Physical and Environmental Sciences both request the unpackaging of the omnibus program so that each of the separate Co-operative programs can be explicitly aligned with its non-co-op analog in the Calendar.

Impact on Students:
None

Consultation:
Within CMS and DPES.
3. Department of Social Sciences

Anthropology/Health Studies

DOUBLE-NUMBERING:

*ANTB15H Contemporary Human Evolution and Variation (existing course) with HLTB20H Contemporary Human Evolution and Variation (new course)*

**ANTB15H3 Contemporary Human Evolution and Variation**

*Description of Changes:*
  - Revise exclusions

*Calendar Entry Showing Changes:*
ANTB15H3 Contemporary Human Evolution and Variation
Basic to the course is an understanding of the synthetic theory of evolution and the principles, processes, evidence and application of the theory. Laboratory projects acquaint the student with the methods and materials utilized Biological Anthropology. Specific topics include: the development of evolutionary theory, the biological basis for human variation, the evolutionary forces, human adaptability and health and disease.
Science credit
Prerequisite: [ANTA01H3 & ANTA02H3]
Exclusion: ANT203Y, HLTB20H3
Breadth Requirement: Natural Sciences

**HLTB20H3 Contemporary Human Evolution and Variation**
Basic to the course is an understanding of the synthetic theory of evolution and the principles, processes, evidence and application of the theory. Laboratory projects acquaint the student with the methods and materials utilized Biological Anthropology. Specific topics include: the development of evolutionary theory, the biological basis for human variation, the evolutionary forces, human adaptability and health and disease.
Science credit
Prerequisite: HLTA01H3. Restricted to students enrolled in the Major/Major Co-op and Minor programs in Health Studies.
Exclusion: ANTB15H3, ANT203Y
Breadth Requirement: Natural Sciences

*Learning Outcomes:*
As with ANTB15H3.

*Topics Covered:*
As with ANTB15H3.

Methods of Assessment:
As with ANTB15H3.

Rationale:
The Department wants to make the course accessible to Health Studies students who have not taken the pre-requisites for ANTB15H3.

Consultation:
Within Anthropology and Health Studies

Health Studies

MINOR PROGRAM MODIFICATIONS:

Major/Major Co-op in Health Studies
Minor in Health Studies

Overview of Changes:
• Replace ANTB15H with HLTB20H in requirement #3 of the Major/Major (Co-op) programs, and requirement #1 of the Minor program.

Calendar Entry Showing Changes:

MAJOR (CO-OPERATIVE) PROGRAM IN HEALTH STUDIES (ARTS/SCIENCE)

Co-op Contact: askcoop@utsc.utoronto.ca

Program Admission
This is a limited enrolment program, which must be completed in conjunction with another Major as part of a 4-year degree. For information on admissions, fees, work terms, and standing in the program, please see the Social Sciences and Humanities Co-operative Programs section of this Calendar.

Minimum qualifications for entry following first year: 4.0 credits, including 1.0 from [ANTA01H3 & ANTA02H3] or [BIOA01H3 & BIOA02H3] or [ECMA01H3 & ECMA05H3] or [GGRA02H3 & GGRA03H3] or [PSYA01H3 & PSYA02H3] or [SOCA01H3 & SOCA02H3], plus a cumulative GPA of at least 2.5.

Program Requirements
Work terms will be in the health and health-related sectors, and may be in public institutions, in research institutions, and in the private sector. There are two work terms, each of 4 months. In order to be eligible for the first work term, students must complete at least 9 full credits, including the requirement in sections 1 and 3 plus HLTB15H3. Students must also successfully complete Arts & Science Co-op Work Term Preparation Activities, which include multiple networking sessions, speaker panels and industry tours along with seminars covering resumes, cover letters, job
interviews and work term expectations, prior to their first work term.

Course Requirements
See requirements for Major Program in Health Studies. In addition, students are required to include HLTD02H3, Health Research Seminar.

MAJOR PROGRAM IN HEALTH STUDIES (ARTS/SCIENCE)

Program Requirements
This program requires a minimum of 8.0 credits as follows:
Note: A single course may be applied to one requirement only even if it is listed more than once.

1. Background Courses
   1.5 credits from one of the following groups:
   [ANTA01H3 & ANTA02H3 & ANTC60H3]
   or
   [BIOA01H3 & BIOA02H3 & BIOB10H3]
   or
   [ECMA01H3 & ECMA05H3 & ECMB01H3]
   or
   [GGRA02H3 & GGRA03H3 & GGRB05H3]
   or
   [PSYA01H3 & PSYA02H3 & PSYB01H3]
   or
   [SOCA01H3 & SOCA02H3 & SOCB05H3]

2. Specialized Methods in Health Studies (1.5 credit as follows)
   HLTB15H3 Introduction to Health Research Methodology
   HLTC15H3 Introduction to Quantitative and Qualitative Research Methods in Health Studies
   [HLTD10H3 Advanced Quantitative Health Research Methodology or HLTD11H3 Advanced Qualitative Health Research Methodology]

3. Introduction to Health (2.5 credits)
   1.5 credits as follows
   HLTB01H3 Health, Aging & the Life Cycle or HLTB02H3 Issues in Child Health & Development or HLTB04H3 Health & the Urban Environment
   and
   1.0 credits from:
   ANTB14H3 Biological Anthropology: Beginnings
   ANTB15H3 Contemporary Human Evolution and Variation
   HLTB20H3 Contemporary Human Evolution and Variation
   ANTB19H3 Ethnography and the Comparative Study of Human Societies
   ANTB20H3 Culture, Politics and Globalization
   ANTB64H3 The Anthropology of Food: Consuming Passions
   EESA10H3 Human Health and the Environment
   GGRB28H3 Geographies of Disease
   HLTB01H3 Health, Aging and the Life Cycle
   HLTB02H3 Issues in Child Health and Development
HLTB04H3 Health and the Urban Environment
IDSB04H3 International Health Policy Analysis
PHLB09H3 Biomedical Ethics
PSYB32H3 Abnormal Psychology
PSYB65H3 Human Brain and Behaviour

4. **Advanced Health Courses**
   At least 2.0 credits from:
   - ANTC61H3 Medical Anthropology: Illness and Healing in Cultural Perspective
   - ANTC62H3 Medical Anthropology: Biological and Demographic Perspectives
   - ANTC63H3 The Anthropology of Food: Human Needs
   - ANTC67H3 Foundations of Epidemiology
   - ANTC68H3 Deconstructing Epidemics
   - ANTD01H3 The Body in Culture and Society
   - ANTD17H3 Medical Osteology: Public Health Perspectives on Human Skeletal Health
   - ANTD25H3 Primatology: Public Health Perspectives on Zoonotic Diseases
   - BIOC17H3 Microbiology I: The Bacterial Cell
   - BIOC21H3 Vertebrate Histology: Cells and Tissues
   - BGYC22H3 Vertebrate Histology: Organs
   - EMC34H3 Economics of Health Care
   - GGRD10H3 Health and Sexuality
   - HLTC01H3 Directed Research on Health Services and Institutions
   - HLTC02H3 Women and Health: Past and Present
   - HLTC03H3 The Politics of Canadian Health Policy
   - HLTC05H3 Social Determinants of Health
   - HLTC07H3 Patterns of Health, Disease, and Injuries
   - HLTC20H3 Introduction to Health Economics
   - HLTD01H3 Directed Readings in Health Studies
   - HLTD02H3 Health Research Seminar
   - IDSC11H3 Issues in International Health
   - NROD67H3 Psychobiology of Aging

5. 0.5 credit from:
   - HLTC01H3 Directed Research on Health Services and Institutions
   - HLTC02H3 Women and Health: Past and Present
   - HLTC03H3 The Politics of Canadian Health Policy
   - HLTC05H3 Social Determinants of Health
   - HLTC07H3 Patterns of Health, Disease, and Injuries
   - HLTC20H3 Introduction to Health Economics
   - HLTD01H3 Directed Readings in Health Studies
   - HLTD02H3 Health Research Seminar
   - ANTC67H3 Foundations of Epidemiology
   - ANTC68H3 Deconstructing Epidemics

6. For this program, no more than 3.0 credits can be counted from any single course prefix (e.g., ANT) other than HLT

7. For the Major in Health Studies alone to qualify for B.Sc. Major, at least 5.0 credits taken to complete the program must carry science credit. These include HLTB01H3, HLTB02H3, HLTC07H3, HLTC20H3, HLTD10H3, and any Anthropology option listed as a science credit in the Anthropology section of the Calendar AND included in the Health Studies program.
requirements above, and any option in Biology, Environmental Science, Neuroscience, and Psychology, that is included in the Health Studies program requirements.

**Note:** Students should check carefully the prerequisites required for particular B- and C-level courses/ Note that some courses (e.g., BIO, ECM & SOC) are part of limited enrolment programs, with first preference in these courses going to students enrolled in those programs.

**MINOR PROGRAM IN HEALTH STUDIES (ARTS)**

**Program Requirements**
This program requires 4 credits as follows:

1. **Introduction to Health (2.5 credits)**
   1.5 credits as follows:
   - **HLTA01H3** Plagues and Peoples
   - **HLTB03H3** Foundations in Health Studies
   - **HLTC07H3** Patterns of Health, Disease, and Injuries

   and

   1.0 credits from:
   - **ANTB14H3** Biological Anthropology: Beginnings
   - **ANTB15H3** Contemporary Human Evolution and Variation
   - **HLTB20H3** Contemporary Human Evolution and Variation
   - **ANTB64H3** The Anthropology of Food: Consuming Passions
   - **GGRB28H3** Geographies of Disease
   - **HLTB01H3** Health, Aging and the Life Cycle
   - **HLTB02H3** Issues in Child Health and Development
   - **HLTB04H3** Health and the Urban Environment
   - **IDS04H3** International Health Policy Analysis

2. **Advanced Health**
   1.5 credits from:
   - **ANTC61H3** Medical Anthropology: Illness and Healing in Cultural Perspective
   - **ANTC62H3** Medical Anthropology: Biological and Demographic Perspectives
     (ANTC63H3) The Anthropology of Food: Human Needs
   - **ANTC67H3** Foundations of Epidemiology
   - **ANTC68H3** Deconstructing Epidemics
   - **ANTD01H3** The Body in Culture and Society
   - **ANTD17H3** Medical Osteology: Public Health Perspectives on Human Skeletal Health
     (ANTD23H3) Ethnomedicine
   - **ANTD25H3** Primatology: Public Health Perspectives on Zoonotic Diseases
   - **ECMC34H3** Economics of Health Care
   - **GGRD10H3** Health and Sexuality
   - **HLTC01H3** Directed Research on Health Services and Institutions
   - **HLTC02H3** Women and Health: Past and Present
   - **HLTC03H3** The Politics of Canadian Health Policy
   - **HLTC05H3** Social Determinants of Health
   - **HLTC07H3** Patterns of Health, Disease, and Injuries
   - **HLTC20H3** Introduction to Health Economics
HLTD01H3 Directed Readings in Health Studies
IDSC11H3 Issues in International Health

3. For this program, no more that 2.0 credits can be counted from any single course prefix (e.g., ANT) other than HLT

**Rationale:**
ANTB15H is being double-numbered as HLTH20H (with Health Studies pre-requisites, instead of Anthropology pre-requisites) in order to make it accessible to Health Studies students who have not taken the pre-requisites for ANTB15H. HLTH20H will replace ANTB15H within the Health Studies programs because it is the course best suited to Health Studies students.

**Impact on Students:**
Since HLTH20H is more accessible to Health Studies students, it will be a more viable option for them to take to fulfill the requirements of the Major/Major Co-op and Minor programs.

**Consultation:**
Within Anthropology and Health Studies

**Political Science**

**NEW COURSES:**

POLC09H3  **International Security: Conflict, Crisis and War**
This course explores the causes and correlates of international crises, conflicts, and wars. Using International Relations theory, it examines why conflict occurs in some cases but not others. The course examines both historical and contemporary cases of inter-state conflict and covers conventional, nuclear, and non-traditional warfare.

**Pre-requisites:** POLB80H3 and POLB81H3

**Exclusions:** POL380H

**Breadth Requirement:** Social & Behavioural Sciences

**Rationale:**
An introductory course in International Security is a necessary component of an International Relations undergraduate degree. International security is one of the most prominent subject matters in International Relations, and familiarity with this literature is a crucial component of a complete education in the International Relations sub-field.

The UTSC Political Science program does not currently offer an International Security course in the International Relations sub-field. UTSC currently offers foundational courses in International Relations and Global Governance at the B-level, but does not offer a course on conflict, crisis, and war at the C or D levels. This course fills this gap.

This course will fill an existing need in the Department for a core course in International Security. The course will support the major and minor programs in Political Science, as well as the major program in Public Policy.

**Learning Outcomes:**
By the end of this course, students will be able to:
- Understand and utilize existing IR theory to explain and predict why violent conflict between states occurs in some cases, but not others
- Critically analyze existing explanations of historical and contemporary cases of international conflict, from both a theoretical and empirical perspective
- Situate current international security crises within a broader historical context
- Draft a professional-level policy brief that provides thoughtful and cogent analysis of a contemporary case of international conflict
- Analyze the interests and decisions of states engaged in interstate conflict, through the use of simulation-based learning exercises

**Topics Covered:**
**A: Causes of War:**
- Rationalist explanations (system, state, and individual levels of analysis)
- Game theoretic models
- Misperception explanations (psychological literature, at individual, state and system levels)
- Democratic Peace Theory
- Social constructivist explanations (norms of violence and non-violence)
**B: Topics and Cases**
- Conventional warfare (history and contemporary)
- Nuclear war
- Terrorism and non-traditional international security threats

**Methods of Assessment:**
Mid-term exam; Policy brief; Tutorial participation; Final research paper; Final Exam.

**Consultation:**
Within Political Science.