FOR APPROVAL   **PUBLIC**   **OPEN SESSION**

TO: UTSC Academic Affairs Committee

SPONSOR: Prof. William Gough, Vice-Principal Academic and Dean
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DATE: Tuesday, September 27, 2016

AGENDA ITEM: 3

ITEM IDENTIFICATION:

Out-of-cycle Undergraduate Curricular Changes

JURISDICTIONAL INFORMATION:

University of Toronto Scarborough Academic Affairs Committee (AAC) "is concerned
with matters affecting the teaching, learning and research functions of the Campus" (*AAC
Terms of Reference, Section 4*). Under section 5.6 of its terms of reference, the
Committee is responsible for approval of "Major and minor modifications to existing
degree programs." The AAC has responsibility for the approval of Major and Minor
modifications to existing programs as defined by the University of Toronto Quality
Assurance Process (*UTQAP, Section 3.1*).

GOVERNANCE PATH:

1. **UTSC Academic Affairs Committee [For Approval] (September 27, 2016)**

PREVIOUS ACTION TAKEN:

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

HIGHLIGHTS:

Five new undergraduate courses are being proposed out-of-cycle to be offered in Winter
2017:

1. Department of Anthropology
   - HLTC25H3 Infectious Diseases
2. Department of Management
   - MGSD05H3 Corporate Strategy: Competitive Advantage
   - MGSD15H3 Managing in the Information Economy
3. Department of Psychology
   - PSYC50H3 Higher Level Cognition
   - PSYD54H3 Current Topics in Visual Recognition

FINANCIAL IMPLICATIONS:

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

RECOMMENDATION:

Be It Resolved,

THAT the new courses submitted by UTSC undergraduate academic units, as described in the package dated September 6, 2016 and recommended by the Vice-Principal Academic and Dean, Professor William Gough, be approved to be effective immediately for the academic year 2016-17.

DOCUMENTATION PROVIDED:

1. 2016-17 Curriculum Cycle: New Undergraduate Courses report 3, dated September 6, 2016

2016-17 Curriculum Cycle: New Undergraduate Courses Report 3
September 6, 2016: Out-of-cycle Submissions

Department of Anthropology

HLTC25H3 Infectious Diseases

Adopting ecological, epidemiological, and social approaches, this course examines the impact of infectious disease on human populations. Topics covered include disease ecology, zoonoses, and the role of humans in disease occurrence. The aim is to understand why infectious diseases emerge and how their occurrence is intimately linked to human behaviours.
Prerequisite: HLTB22H3
Exclusion: ANTC68H3
Enrolment Limits: Restricted to students in health studies and health science programs (e.g. Human Biology, Mental Health Studies, Computer Science - Health Informatics stream, Health Studies).
Breadth Requirement: Natural Sciences

Rationale:
HLTC25H3 will examine contemporary disease outbreaks, and provide students with an understanding of the complexities of human physiological and social responses to infectious agents. The course will provide students with the freedom to examine real-time outbreaks, and engage them in discussions on the dynamics of infectious disease in human populations.

HLTC25H3 is designed for students in the Health Studies – Population Health (Science) program, who typically move onto a career in epidemiology or medicine post-graduation, and therefore require a background in the basic biology of infectious diseases.

HLTC25H3 will replace HLTB21H3 (a second year infectious disease course), increasing the academic rigour of the Health Studies program while at the same time presenting more detailed information for a wide-ranging topic. Shifting the course content to the C-level level will ensure students have gained critical foundational learning provided at the B-level, thus enhancing the student learning experience. In addition, placement of the course at the C-level will align the course with HLTC21H3, which focuses on chronic diseases. HLTB21H3 will become redundant and will be deleted in the next curriculum cycle.

 ANTC68H3 (Deconstructing Epidemics), which is cultural in nature, and geared to anthropology students, is given as an exclusion. HLTC25H3 will emphasize the microbiology and biology of infectious disease.

The course is being proposed out of cycle so that it can be offered in Winter 2017.

Consultation:
Within the Health Studies faculty. Approved by the Departmental Curriculum Committee. Reviewed by the Dean's Office.

Department of Management

MGSD05H3 Corporate Strategy: Competitive Advantage

Topics include competitive advantage, organizing for competitive advantage, and failures in achieving competitive advantage. Through case analysis and class discussion, the course will explore competitive positioning, sustainability, globalization and international expansion, vertical integration, ownership versus outsourcing, economies of scale and scope, and the reasons for failure.
Prerequisite: MGSC01H3 or MGIC01H3
Enrolment Limit: 40. Admission is restricted to students enrolled in a BBA subject POSt.
Breadth Requirement: Social & Behavioural Sciences
Note: Priority will be given to students enrolled in the Management Strategy stream of the Specialist/Specialist Co-op in Strategic Management.

Rationale:
MGSD05H3 focuses on corporate-level strategy, and strategy between firms. It builds on MGSC01H3, which functions as a basic business strategy course focused on the specific business unit. MGSD05H3 deals with topics that have not been covered in MGSC01H3 but which are important for those who are going to be involved in forming and carrying out strategic decisions. Furthermore it develops student skills in case analysis, stressing techniques for grappling with the complexity of real-world information, and distinguishing relevant from irrelevant information.

MGSD05H3 adds depth to the strategy stream and allows those interested in strategy to pursue the topic of business strategy in greater depth, and therefore enhances strategy offerings.

Some of the content covered in MGSD05H3 is included in courses offered at Rotman Commerce and UTM, however, these courses do not cover all of the topics included in MGSD05H3 in a systematic fashion.

The course is being proposed out of cycle so that it can be offered in Winter 2017. There is considerable student interest in this area: students taking MGSC01H3 in Fall 2016 asked for a second course in corporate strategy that would go into greater depth and take up topics not covered in MGSC01H3. The Department wants to offer this course as soon as possible to catch at least some of those students before they graduate and get the MGSC01H3/MGSC05H3 sequence on the books as soon as possible for other students interested in strategy.

Consultation:
Within the academic unit. Approved by the Departmental Curriculum Committee. Reviewed by the Dean's Office.

MGSD15H3   Managing in the Information Economy

Topics include identifying, managing and exploiting information asset, the opportunities and limits of dealing with Big Data, the impact of digitalization of information, managing under complexity, globalization and the rise of the network economy. Students will explore a topic in greater depth through the writing of a research paper.
Prerequisite: MGSC01H3 or MGIC01H3
Enrolment Limits: 30. Admission is restricted to students enrolled in a BBA subject POSt.
Breadth Requirement: Social & Behavioural Sciences
Note: Priority will be given to students enrolled in the Management Strategy stream of the Specialist/Specialist Co-op in Strategic Management and the Strategy and Entrepreneurship specialization of the Specialist Co-op in Management and International Business.

Rationale:
MGSD15H3 will augment offerings in strategy, and will complement other strategy offerings including MGSC01H3 and MGSD05H3. It consolidates an important current theme in strategy: traditional management programs teach students how to manage the production of physical products. However, current programs need to teach students about a global economy increasingly focused on the use of information. The topics covered in this course are important to those managing in an information economy. Students will develop an understanding of the advantages and limits of managing with Big Data, and will learn how to manage in a globalized economy that depends on the communication of information. They will develop an understanding of the legal protections given to intellectual property (patents, copyright, trademarks and trade secrets), and how they work. These issues are not explored together as one approach in other courses.

The course will be at the D-level course because the subject matter requires a background and sophistication with business topics that we would assume only in a 4th year student.

MGSD15H3 will replace the current course in Knowledge Management – MGSD10H3. Students have indicated that while the topics of knowledge management and intellectual property law are very interesting, they would prefer one course that integrates these topics into a broader survey of managing in the information economy. Merging the material from MGSD10H3 with this new course provides a more relevant and complete course for students, and eliminates the need to take two courses to obtain the same knowledge. This course should, therefore, prove more popular with students and at the same time expand strategy offerings to cover important recent developments in the economy.

The course is being proposed out of cycle so that it can be offered in Winter 2017. It builds on student interest in strategy broadly speaking, and particularly in this area of management. Students have asked for a general course on managing in the information economy, rather than more specific courses in knowledge management and intensive law courses in intellectual property law.

Consultation:
Within the academic unit. Approved by the Departmental Curriculum Committee. Reviewed by the Dean's Office.

Department of Psychology

PSYC50H3   Higher-Level Cognition

This course examines advanced cognitive functions through a cognitive psychology lens. Topics covered include: thinking, reasoning, decision-making, problem-solving, creativity, and consciousness.
Prerequisite: PSYB57H3 and [PSYB07H3 or STAB22H3 or STAB23H3]
Enrolment Limits: 100
Breadth Requirement: Natural Sciences
Note: Priority will be given to students in the Specialist/Specialist Co-op and Major programs in Psychology and Mental Health Studies. Students in the Minor in Psychology will be admitted as space permits.

Rationale:
PSYC50H3 is designed for students in the Specialist/Specialist Co-op and Major Programs in Psychology at UTSC. It will build upon a lower-level cognition course (PSYB57H3) and provide a necessary complement to other courses that cover similar topics from a neuroscience perspective (e.g., PSYC55H3, PSYC57H3). PSYC50H3 will replace a course in knowledge representation that is no longer being offered, however the content has been updated to reflect new directions in the field. The course will not make any other courses redundant.

The course is being proposed out of cycle so that it can be taught in Winter 2017.

Consultation:
Within the academic unit. Approved by the Departmental Curriculum Committee. Reviewed by the Dean's Office.

PSYD54H3   Current Topics in Visual Recognition

The course provides an intensive examination of selected topics in the research of visual recognition. Multiple components of recognition, as related to perception, memory and higher-level cognition, will be considered from an integrative psychological, neuroscientific and computational perspective. Specific topics include face recognition, visual word recognition and general object recognition.
Prerequisite: [PSYB51H3 or PSYB57H3] and [0.5 credit from the PSYC50-series of courses or NROC64H3]
Exclusion: [PSYD50H3 if taken in Winter 2014, 2015 or 2016], PSYD51H3
Enrolment Limits: 24
Breadth Requirement: Natural Sciences

Rationale:
PSYD54H3 will introduce students to a number of key topics in cognitive neuroscience falling under the umbrella of visual recognition. Some of the course content has been previously taught under the umbrella of PSYD50H (Current Topics in Memory and Cognition), and HLTD54H3 will continue to be aligned with PSYD50H, and also with PSYD51H Current Topics in Perception, but it will focus on high-level visual processing – taking an integrative approach to the study of recognition that includes both perception and memory components. In contrast to PSYD50H and PSYD51H, HLTD54H3 is cast within an information-processing framework that emphasizes core computational principles underlying brain and behaviour. The course will contribute to the department's D-level lecture-based course offerings, and will not make any other course redundant.

The course is being proposed out of cycle so that it can be taught in Winter 2017.

Consultation:
Within the academic unit. Approved by the Departmental Curriculum Committee. Reviewed by the Dean's Office.