



UNIVERSITY OF TORONTO *at* MISSISSAUGA
A GREAT UNIVERSITY FOR A GREAT COMMUNITY

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January 4, 2005

Professor Edith Hillan
Vice-Provost, Academic
Room 221
Simcoe Hall
University of Toronto

Dear Professor Hillan:

Re: Major Calendar Changes for 2005-06

I am submitting on behalf of the University of Toronto at Mississauga a summary of the major additions and deletions to UTM's programs for the 2005-06 academic year. These changes will take effect September 2005.

The program's additions and deletions were reviewed by UTM's Academic Affairs Committee and approved by Erindale College Council.

Please contact me if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read 'Cheryl Misak', written in a cursive style.

Cheryl Misak
Dean



UNIVERSITY OF TORONTO AT MISSISSAUGA
MAJOR CURRICULUM CHANGES FOR 2005-06
(to take effect September 2005)

A. New Programs:

1. DIASPORA AND TRANSNATIONAL STUDIES (to be offered jointly with the Faculty of Arts and Science and the University of Toronto at Scarborough)

PROGRAM DESCRIPTION

Where is home? Need it be in one place? Is it always attached to territory? Diaspora and transnational studies examines the historical and contemporary movements of peoples and the complex problems of identity and experience to which these movements give rise as well as the creative possibilities that flow from movement. The program is comparative and interdisciplinary, drawing from the social sciences, history and the arts. Students are required to take a core course that offers an introduction to a broad array of themes and disciplinary methodologies. The program offers a wide selection of additional courses, giving students the opportunity to learn about a range of diasporic communities as well as key debates in the field. Students will complete the program with a 400-level capstone course.

UTM will cover the costs of offering the gateway course on its own campus.

Program Requirements:

Major program

Students must successfully complete the equivalent of seven full courses, fulfilling ALL of the following requirements:

DTS200Y; enrolment restricted to students who have successfully completed 4.0 FCEs

Five full-course equivalents (FCEs) from Group A and B courses, with at least two FCEs from each group

At least one FCE from these or additional courses in the A and B groups must focus on each of two specific diasporic communities

At least three 300/400 FCEs, including

Capstone Seminars at 4th Year Level (one FCE)

Group A = Humanities courses

Group B = Social Sciences courses

DTS – Minor Program

Students must successfully complete the equivalent of four full courses, fulfilling ALL of the following requirements:

DTS200Y; enrolment restricted to students who have successfully completed 4.0 FCEs

Three full-course equivalents (FCEs) from Group A and B courses, with at least one FCE from each group. At least one half-course from these courses must focus on each of two specific diasporic communities

At least one 300/400 FCE

Group A = Humanities courses
Group B = Social Sciences courses
Eligible Humanities and Social Sciences courses on all campuses

UTM Courses to be included in this program:

Anthropology

ANT204Y5 Sociocultural Anthropology
ANT206H5 Culture and Communication: Introduction to Linguistic Anthropology
ANT241Y5 Aboriginal Peoples of North America
ANT304H5 Anthropology and Aboriginal Peoples (formerly ANT304Y: Change and Continuity in Canadian Aboriginal Societies)
ANT361H5 African Cultures (formerly ANT212Y5: Contemporary African Cultures)

English

ENG272H5 Literature and Exile (under development)

French, German and Italian

FRE290Y5 Aspects of Francophone Cultures
FRE390H5 Women of the Francophone World
FRE395H Films of the Francophone World
LIN366H Creoles

Geography

GGR207H5 Cities and Geography

History

HIS 2XXH5 Diasporic Canada (under development)
HIS 3XXH Diasporic Histories & Culture (under development)

Political Science

POL362H5 Colonialism/Postcolonialism: Decolonizing Political Science
POL363H5 Decolonising Political Science II/The Colonial State and its Forms of Power

Sociology

SOC277Y5 Globalization
SOC328H5 Social Movements
SOC332H5 Race and Ethnicity
SOC333H5 Race and Ethnicity
SOC338H5 Global Diasporas
SOC353H5 Sociology of Globalization since 1945
SOC354H5 Global Sociology

Visual Culture and Communication

VCC302 Visual Culture Through the Post Colonial Lens
VCC304 Visual Culture and the Construction of Identity

Women's and Gender Studies

WGS335H5 Immigrant and Refugee Women
WGS369Y5 Gender, Colonialism and Cultural Resistance

2. HEALTH SCIENCES COMMUNICATIONS (HSC) Specialist in CCITL (Science)

PROGRAM DESCRIPTION

Health Sciences Communication (HSC) will be an interdisciplinary specialist program offered through Communication Culture and Information Technology leading to a B.Sc. (CCIT currently has one major and two specialist programs in the arts stream and one specialist program in the science stream.) The HSC program begins in second year and focuses on health communication and explores the synergistic roles of visuals and text in print and new media. Through an understanding of theories of visual and written communication, students prepare health/medical/scientific communication material for the digital age by learning to develop visual and written instruments targeted to specific populations. Opportunities for students upon completion include working in: the health care industry, hospitals, non-profit organizations, pharma companies, public health, and media companies specializing in health sciences. Students could also continue their studies in the MScBMC program or in education (OISE or teachers college).

Funding for the program was determined at the time that the Biomedical Communications group relocated to UTM. The required positions are already allocated in UTM's plan.

Program Requirements:

13.0 credits are required including at least 1.0 at the 400 level.

Limited Enrolment – Enrolment is highly competitive. Meeting the minimum requirements does not guarantee admission.

Prerequisites to enter the Health Sciences Communication Specialization after 4.0 credits include:
•OAC BIO/BIO Gr. 12 (4U); OAC CHM/CHM Gr. 12 (4U); OAC Calculus/Advanced Functions and Introductory Calculus Gr. 12 (4U); or by permission.

•Minimum 4.0 credits in Year 1 to include: CCT100H5, CCT101H5, PSY100Y5, BIO152H5 and BIO153H5

•Minimum annual Cumulative Grade Point Average (CGPA) between 2.70 and 3.00 and never lower than 2.20.

•In Year 1 of the CCIT program, a minimum 65% average between CCT100H5 and CCT101H5 and a minimum 65% in BIO153H5.

First Year

Required: 3.0 credits

CCT100H5, 101H5; PSY100Y5; BIO152H5, 153H5

Second Year

Required: 3.0 credits

(* indicates Sheridan course)

Required 2.5 credits

BIO206H5, 210H5; CCT202H5, 260H5*; WRI203H5

Additional 0.5 credit from the following:

CCT204H5*, 205H5*, 206H5, 210H5; VCC201H5

Suggested electives to be taken outside Specialization:

CLA201H5; ERI203H5; PHL255H5

Third and Fourth Year

Required: 7.0 credits

Required 3.5 credits

CCT380H5; HSC300H5, 301H5, 302H5, HSC401H5, HSC402H5; BIO354H5

Additional 3.5 credits from the following:

CCT300H5*, 305H5*, 353H5*, 354H5*, 373H5, 375H5, 377H5, 380H5, 383H5*, 384H5*, 410H5, 422H5*; HSC400H5, 403H5, 404H5; BIO310H5

Suggested electives to be taken outside Specialization:

WRI307H5; SCI398Y5

Students who have completed the HSC specialization will also qualify for a minor in biology if they complete additional biology credits. Students interested in continuing their studies at the graduate level in the Master of Science in Biomedical Communications (MScBMC) program must achieve a minimum average of a mid-B or above in the 3rd and 4th years of the Health Sciences Specialization.

* 3.0 credits (6 half courses) must be taken at Sheridan to achieve “Certificate in Digital Communications.”

3. MAJOR PROGRAM IN GERMAN CULTURAL STUDIES

PROGRAM DESCRIPTION

This program will have a broader focus than the former program in German, enabling the department to draw on its own expertise in language and cultural studies, as well as courses offered through cognate departments that would be both of interest to students and integral to the subject matter. There are no resource implications.

Program Requirements:

7.0 FCEs

1.5 FCEs from other departments to form a coherent concentration – require departmental approval

At least 3.0 FCEs must be at the 300/400 level

The Program in German Cultural Studies will require majors to choose 1.5 (of 7.0) credits with non-GER designations in disciplines such as History, Fine Art History, Philosophy and Political Science. In consultation with the Department of French, German and Italian, students will design a coherent sequence of electives to complement their coursework in German. Note that many of the courses included the program do not have prerequisites within their disciplines.

Eligible courses at UTM:

European Studies

(Note: These courses will shed their EUR designations and be taught within the Department of French, German and Italian. The Department foresees phasing out European Studies.)

EUR200Y5 Europe: Nation-State to Supranational Union

EUR201Y5 Germany in 20th Century Europe

EUR301Y5 Berlin Since 1945

Fine Art History

FAH287H5	European Art of the 19 th Century
FAH288H5	Art of the Early 20 th Century
FAH319H5	The Expressionist Tradition in 20 th Century Painting and Sculpture

History

HIS109Y5	The Development of European Civilization, 1350–1945
HIS200Y5	Europe, 1300-1700
HIS241H5	Europe in the 19 th Century
HIS242H5	Europe in the Contemporary Era
HIS338Y5	The Holocaust: Nazi Germany
HIS407H5	Imperial Germany 1871-1918

Philosophy

PHL210Y5	17 th and 18 th Century Philosophy
PHL285H5	Aesthetics
PHL312H5	Kant

Political Science

POL302Y5	Politics of Western Europe and the European Union
POL320Y5	Modern Political Thought

4. MAJOR IN EXPERIMENTAL LINGUISTICS**PROGRAM DESCRIPTION:**

The department has acquired, and will soon acquire more, faculty with special expertise in linguistics. This program is being mounted to draw on the specific strengths that such faculty will bring to the linguistics area at UTM, as well as utilizing the strengths of faculty across UTM's three language groups.

Requirements:

7.0 FCEs

- LIN100Y is mandatory for the major program or LIN200H with at least 75%
- At least 3.0 FCE in 200 level courses (all LIN courses/FRE272Y/FGI 225Y) - At least 3.0 FCE at the 300/400 level (all LIN courses: FRE355/373Y/376H/378/387/476/489/ITA374/375/437/JAL355/ FGI388/488/PSY374/315)

5. SPECIALIST PROGRAM ACCOUNTING (COMMERCE AND FINANCE)**PROGRAM DESCRIPTION**

The creation of this program will simply enable B.Comm. students who typically take a certain grouping of courses to receive a more formal recognition of their training in Accounting. This will be helpful as they seek employment in the field of accounting upon graduation. The proposal is resource-neutral.

Limited Enrolment - This program may only be taken jointly with the Specialist program in Commerce and Finance and leads to a B.Com degree. Students must be accepted in the Commerce & Finance (B.Com) program in order to complete this Accounting (B.Com) program. Enrolment in this program is limited to students with 63% in MGT120H5 and 63% in ECO100Y5 and 50% in MAT133Y5 and a minimum CGPA which is determined annually.

PROGRAM REQUIREMENTS:

Within a B.Com degree. 17 credits are required out of a total of 20 credits in order to obtain this specialist designation.

First Year: ECO100Y5, MAT133Y5, MGT120H5, MGM101H5

Higher Years:

1. Additional MGT requirements: 8 credits
 - a) MGT220H5, 223H5, 224H5
 - b) MGT321H5, 322H5, 323H5, 337Y5, 371H5, 393H5
 - c) MGT421H5, 422H5, 423H5, 426H5, 428H5/419H5, 429H5

2. Additional ECO requirements: 5 credits
 - a) ECO200Y5/206Y5, ECO202Y5/208Y5, ECO220Y5/227Y5/STA(250H1, 255H1)/STA(257H5, 261H5)
 - b) 1.0 credit from ECO322Y5/323Y5/333Y5/336Y5/361Y5/369Y5/373Y5
 - c) 1.0 credit in ECO at 300/400 level

3. Writing Component (1 credit) from ANT102H5, 204Y5; CLA (except 201H5); ENG; FAH; HIS; HPS(G); LIN; PHL (except 245H5, 246H5, 247H5, 344H5, 345H5, 346H5, 347H5); POL; RLG; SOC (excluding SOC300Y); WRI

No more than 15.0 credits from COM(G), MGD, MGM, MGT and ECO, combined, for degree credit. STA250H5, 255H5, 257H5, 261H5 are counted as ECO courses

In addition, the following B.Com Degree Requirements must be satisfied:

- no more than 6.0 credits may be 100 level.
- Complete 5.0 credits from disciplines other than Management (MGD/MGM/MGT) and Economics (ECO).
- Obtain standing in at least 6.0 300/400 level credits (no more than 1.0 300/400 level transfer credit may be counted).
- Complete the Distribution requirement, which consists of at least 1.0 credit from each of the following divisions: Humanities, Sciences, Social Sciences (see UTM Calendar)
- Achieve a Cumulative GPA of 1.85 or more

6. BIOINFORMATICS SPECIALIST PROGRAM

PROGRAM DESCRIPTION

Bioinformatics involves the computational analysis of gene and genome sequences as well as functional genomic data. It is an interdisciplinary science that requires strong backgrounds in computer science and molecular biology and good knowledge of mathematics, chemistry, genetics and evolutionary biology. The Specialist Program reflects the interdisciplinary nature of the field, and the courses draw from the offerings of the Computer Science, Math, Stats, Biology and Chemistry disciplines.

A total of 14.5 credits are required within the Specialist Program. Enrolment in this program is limited. Students who wish to enroll at the end of the first year (4.0 credits) must have passed all the courses listed for the first year, attained at least 60% in all the first year computer science and mathematics courses, and have a minimum cumulative grade point average (CPGA) of 2.0.

The UTM Bioinformatics program can be mounted with minimal resource implications because of existing expertise in Bioinformatics-related areas.

Program Requirements:

1st Year (4.0 credits)

BIO152H5 Introduction to evolution and evolutionary genetics CHM140Y5 The study of matter and its transformations MAT102H5 Mathematical proofs
MAT138Y5 Calculus (may be substituted with MAT132Y and MAT232H) CSC108H5 Introduction to computer programming CSC148H5 Introduction to computer science

2nd Year (4.5 credits)

BIO206H5 Introductory cell and molecular biology
BIO207H5 Introductory genetics
BIO215H5 Lab in molecular biology and genetics
CHM242H5 Introductory organic chemistry
CSC207H5 Software design
CSC236H5 Introduction to the theory of computation CSC263H5 Data structures and analysis
MAT223H5 Linear algebra I MAT224H5 Linear algebra II

3rd and 4th Years (6.0 credits)

BIO341H5 Advanced genetics
BIO478H5 Functional genomics and bioinformatics
CSC321H5 Introduction to neural networks and machine learning OR
CSC411H5 Data mining and machine learning
CSC343H5 Introduction to databases
CSC373H5 Algorithm design and analysis
JBC372H5 Molecular biology
MAT242H5 Differential equations – should be taken in 3rd year
MAT332H5 Nonlinear dynamics and chaos
STA257H5 Probability and Statistics I – must be taken in 3rd year
STA248H5 Statistics with applied probability – must be taken in 3rd year

Plus at least 1.0 credit from the following list of recommended courses, of which at least 0.5 at 400-level:

BIO314H5	Laboratory in Cell Molecular Biology
BIO315H5	Advanced Cell Biology
BIO370Y5	Microbiology
BIO371H5	Lectures in microbiology
BIO380H5	Human Development
BIO442H5	Mechanisms of evolution
BIO475H5	Modern approaches to biotechnology
BIO481Y5	Biology research project
CHM361H5	Structural biochemistry
CHM362H5	Metabolism and bioenergetics
CSC310H5	Information theory
CSC338H5	Computational Methods
CSC363H5	Computational complexity and computability
CBJ481Y5	Independent Project in Bioinformatics
JCP410H	Modeling of biochemical systems
STA348H	Introduction to stochastic processes
STA442H	Methods of applied statistics

1. In the event that BIO478H5 is not offered in the 4th year of a student's studies, students must take an additional 0.5 credit from the recommended 400-level courses.
2. It is highly recommended that students who wish to pursue graduate studies or employment in the field of bioinformatics take the Independent Project Course.

B. MAJOR CHANGES WITHIN HISTORICAL STUDIES

The programs in each of these areas are being revised in response to the transfer from Religion from its one-year home within the Department of Anthropology and Religion to a new unit to be called “the Department of Historical Studies”. As a consequence, while no new programs are being proposed, the course offerings in each discipline represented within this department – History, Classics, and Religion, have been dramatically revamped. One major change across the 3 disciplines is the conversion of almost all “Y” courses to “H” courses. In Religion, new courses focusing on a broad range of religious traditions, including Hinduism, Islam, Judaism, and Christianity, as well as a focus on the historical roots and development of different religions. The conversion of courses to half-courses will give students more flexibility and enable the introduction of new courses.

C. DELETED PROGRAMS

1. Computer Science: Software Engineering Option (ERSPE 1039) Computer Science: Information Systems Option (ERSPE1037)

Rationale for Deletion:

This deletion is an attempt to focus on just one specialist at UTM and make it so that virtually all courses can be completed at UTM, rather than at the St. George Campus. Rather than continuing to offer only parts of three different programs, UTM proposes to drop the Software Engineering and the Information Systems Specialist options and rename the “Computer Science: Comprehensive Option” to simply “Computer Science.” As a result, UTM will now have one specialist, called Computer Science. The Major Program will also be renamed from, “Computer Science: Comprehensive Option” to “Computer Science.” Courses that are part of this program are not new, having been previously offered at the St. George campus and at UTM.

The result will be a considerably reconfigured and revived set of course offerings that will have particular currency for UTM students, will explore synergies across the disciplines within the department, while remaining grounded in a sound scholarly tradition.

2. Joint Specialist in Economics, Philosophy and Political Science

This program has had a low enrolment for a number of years and the participating departments decided to discontinue the program during the ‘Stepping Up’ planning exercise.