

**Changes to the Calendar**

Last updated October 6, 2008.

**Change to Rules & Regulations****Late Withdrawal – LWD**

The Faculty of Arts & Science has approved a mechanism to assist students, in conjunction with their college registrars, to remedy situations, particularly in their early years at university, where personal or other circumstances mean they are irretrievably behind in a course.

- Students pursuing a degree in the Faculty of Arts & Science may request to withdraw without petition from a total of no more than 3.0 FCEs in the 20.0 FCEs required for degree, provided such a request is made by the last day of term in the relevant course.
- □ Students will make such requests to their college registrar, who has the authority to approve such requests if the circumstances warrant approval of an exception to the normal Drop deadlines.
- Withdrawals approved under this procedure will be noted on the academic record by the course status LWD (Late Withdrawal). This course status will have no effect on the GPA or other elements of the academic record.

Students who have fallen behind with assignments or are not at all prepared to write exams in one or more of courses will be expected to make use of this remedy, and should contact their college registrar's office immediately. More information on using the LWD mechanism can be found at [www.artsci.utoronto.ca/current/undergraduate/lwd](http://www.artsci.utoronto.ca/current/undergraduate/lwd).

**Program/Course Changes****Actuarial Science**

Actuarial Science Specialist and Major program requirements should read:

**Specialist program**

(13 courses or their equivalent, including at least four 300+-series courses, one of which must be at the 400-level)

This program is designed to prepare a student for professional work as an actuary, and more generally in the financial risk management industry.sa

*First Year:*

1. [MGT201H1](#) (may be taken in second year or later)
2. [ECO100Y1](#) (70%)
2. [MAT137Y1](#) (55%)/[MAT157Y1](#)
3. [MAT223H1](#)/[MAT240H1](#) (should be taken in first year)

*Second Year:*

1. [ACT240H1](#), [ACT245H1](#), [ACT247H1](#)
2. [MAT237Y1](#)/[MAT257Y1](#)
3. [STA257H1](#), [STA261H1](#)

*Higher Years:*

1. [ACT348H1](#), [ACT349H1](#), [ACT370H1](#), [ACT451H1](#), [ACT452H1](#), [ACT455H1](#), [ACT460H1](#), [ACT466H1](#)
2. One of: [ACT470H1](#), [ACT471H1](#), [ACT472H1](#)
3. [STA302H1](#), [STA347H1](#), [STA457H1](#)

## NOTE:

In order to enroll in any 300- or 400-level ACT course, the minimum grade of C must be obtained in each of [ACT240H1](#), [ACT245H1](#) and [ACT247H1](#). These prerequisites will be strictly enforced.

4. [ECO208Y1](#) ([ECO206Y1](#) strongly recommended); [STA352Y1](#); [MAT244H1](#), [MAT246H1](#) are recommended
5. Students in the Actuarial Science Specialist program who have successfully completed [ACT348H1](#) may be eligible to enrol in the following RSM courses (provided the appropriate prerequisites and co-requisites are met): [RSM 430H1](#), [433H1](#), [437H1](#)
6. [CSC108H1](#) recommended

**Major program:**

(8-8.5 courses or their equivalent, including at least two full-course equivalents at the 300+-level)

*First Year:*

1. [MGT201H1](#) (may be taken in second year or later)
2. [MAT137Y1](#) (55%)/[MAT157Y1](#)
2. [ECO100Y1](#) (70%)
3. [MAT223H1](#)/[MAT240H1](#) (should be taken in first year)

*Higher Years:*

1. [ACT240H1](#), [ACT245H1](#), [ACT247H1](#), [ACT348H1](#), [ACT370H1](#)
2. [MAT237Y1](#)/[MAT257Y1](#)
3. ([STA257H1](#), [STA261H1](#))
4. Two of: [ACT349H1](#), [ACT451H1](#), [ACT452H1](#), [ACT455H1](#), [ACT460H1](#), [STA302H1](#), [STA347H1](#), [STA457H1](#)

[ACT240H1](#) exclusion added:

Exclusion: [ACT230H1](#)

[ACT349H1](#) prerequisite should read:

*Prerequisite:* [ACT240H1](#) (minimum grade C); [ACT245H1](#) (minimum grade C); [ACT247H1](#) (minimum grade C); ([STA257H1](#), [STA261H1](#)); [MAT237Y1](#)

[ACT452H1](#) course description should read:

Loss models estimation censoring and truncation of data, product-limit estimation, Cox proportional hazard model

## **Diaspora & Transnational Studies**

Minor program, #2 should read:

2. Two and a half (2.5) full-course equivalents (FCEs) from Group A and B courses, with at least one FCE from each group.

DTS401H1 prerequisite added:

Prerequisite: DTS200Y1

DTS402H1 prerequisite added:

Prerequisite: DTS200Y1

## **East Asian Studies**

EAS334Y1 should be EAS334H1.

Title of EAS295Y0 should be "Selected Topics in East Asian Studies, 200-Level".

Title of EAS395Y0 should be "Selected Topics in East Asian Studies, 300-Level".

## **Economics**

ECO333Y1 should be [52L, 26T].

## **Environment, Centre for**

Environment & Health Specialist program description, fourth year elective, last sentence, should read:

The one FCE should reflect the particular academic interests of each student.

Environmental Geosciences Specialist program description, Third and Fourth Years, number 1, should read:

1. GLG 345H, 351H1, 360H1, 436H1, 448H1, GLG450H1; JGE221Y1/JIE222Y1, ENV235Y1, ENV315H1, ENV321Y1

Environmental Biology Minor program description, #2, should read:

2. 2.0 FCEs from: EEB318H1, EEB319H1, EEB321H1, EEB322H1, EEB323H1, EEB324H1, EEB328H1, EEB362H1, EEB365H1, EEB370H1 (courses in both ecology and evolution are recommended)

## **Forestry**

Forest Conservation Science Specialist and Major Programs: first year line should read:

First Year: BIO150Y1; Two Science FCEs (GGR100H1 + 101H1; CHM138H1, CHM139H1 recommended)

Forest Conservation Science Minor Program first year line should read:

First Year: BIO150Y1/GGR100H1 + 101H1/ENV200Y1

Forest Conservation Specialist and Major Programs: first year line should read:

First Year: BIO150Y1; One Social Science FCE

Forest Conservation Minor Program first year line should read:

First Year: One of ANT100Y1/ECO100Y1/ENV200Y1/GGR100H1 + 101H1

## **German**

GER400Y1 should be GER400H1

## **History**

Exclusion for HIS371H1 should read:

Exclusion: HIS325Y1

## **History & Philosophy of Science**

HPS210H1 prerequisite added:

Prerequisite: Two half-courses in the Faculty of Arts & Science

HPS211H1 prerequisite added:

Prerequisite: Two half-courses in the Faculty of Arts & Science

## **Immunology**

Immunology Specialist program, Second Year should read:

Second Year:

BCH 242Y1; BIO240H1, BIO241H1, BIO260H1/HMB265H1; CHM220H1, CHM247H1

## **Innis College**

Urban Studies Minor program entry should read:

(4 full courses or their equivalent, including at least one full course equivalent at the 300+ level)  
For admission to the Minor program, a minimum CGPA of 2.3 is required.

First Year:

One of ECO100Y1/ECO105Y1, GGR124Y1, 100-Level POL or POL214Y1, or SOC101Y1

Higher Years:

1. [LN235Y1](#)
2. Two full course equivalents from Groups A through G (with no more than 1 full course equivalent in any one group)

### Italian Studies

VIC courses listed with [Italian Studies course descriptions](#) amended to read:

For your information only. These courses complement ITA courses but **do not count towards ITA programs**.

VIC341H1 - The Self and Society in the Renaissance  
VIC343Y1 - Sex and Gender in the Renaissance  
VIC344H1 - Renaissance Narrative  
VIC440Y1 - Florence and the Renaissance

See "[Victoria College Courses](#)"

### Linguistics

[LIN479H1](#) prerequisite should read:

*Prerequisite:* [LIN228H1](#), [LIN229H1](#), [LIN231H1/241H1](#), [LIN232H1](#) + I FCE at the 300+ level in [LIN/JAL/JFL/JLP/JLS](#)

### Mathematics

Applied Mathematics Specialist program, Third year, #2 should read:

2. At least 2 full courses chosen from: [MAT344H1](#), [MAT454H1](#), [MAT457Y1](#), [MAT464H1](#), [477Y1](#); [STA302H1](#), [STA352Y1](#), [STA438H1](#), [STA457H1](#); [CSC350H1](#), [CSC351H1](#), [CSC446H1](#), [CSC456H1](#)

Mathematics Specialist, Third and Fourth Years, # 1 and #3 should read:

1. [MAT327H1](#), [MAT347Y1](#), [MAT354H1](#), [MAT357H1](#), [MAT477Y1](#)
3. Three of: [APM461H1](#), [MAT309H1](#), [MAT363H1](#), any 400-level APM/MAT

Mathematics Major program description should read:

First Year:

[MAT135Y1/MAT136Y1/MAT137Y1](#), [MAT223H1](#)

Second Year:

[MAT224H1/MAT247H1](#), [MAT235Y1/MAT237Y1](#), [MAT246H1](#), [MAT244H1](#)

NOTE:

[MAT224H1](#) may be taken in first year

Higher Years:

1. [MAT301H1](#), [MAT309H1](#), [MAT334H1](#)
2. One half course or equivalent at the 200+level from: ACT, APM, MAT, STA
3. [MAT401H1/MAT402H1](#); one half course at 300+level from: APM, MAT, [HPS390H1](#), [HPS391H1](#), [PSL431H1](#), [PSL432H1](#), [433H1](#); [PHL346H1](#), [PHL349H1](#)

Mathematics Minor program description, #2, should read:

2. One 300+-level full course or combination from: any APM, MAT, [HPS390H1](#), [HPS391H1](#), [PSL 431H1](#), [PSL432H1](#), [433H1](#)

Mathematics and its Applications Specialist program, Higher Years, should read:

Higher Years: [MAT301H1](#), [MAT334H1](#), at least 0.5 course at the 400-level from APM/MAT

Mathematics and its Applications Specialist program, Computer Science Concentration, #1 and #2 should read:

Computer Science Concentration:

1. [CSC207H1](#), [CSC165H1](#), [CSC258H1](#), [CSC209H1](#); [APM461H1](#), [MAT344H1](#)
2. Two of: [APM461H1](#); [CSC350H1](#), [CSC351H1](#), [CSC354H1](#), [CSC363H1](#), [378H1](#), [CSC438H1](#), [CSC446H1](#), [CSC456H1](#), [CSC465H1](#), [CSC487H1](#)

Mathematics and its Applications Specialist program, Physical Sciences Concentration, #1 should read:

Physical Sciences Concentration:

1. [PHY 140Y1/\(PHY 151H1, 152H1\)](#); [APM346H1/APM351Y1](#); [AST221H1](#), [AST222H1](#)

Mathematics and its Applications Specialist program, Probability/Statistics Concentration, #1 should read:

Probability/Statistics Concentration:

1. [APM346H1/APM351Y1/APM462H1](#); [MAT337H1](#); [STA302H1](#), [STA347H1](#), [STA352Y1](#), plus one additional full credit at 300+ level from APM/MAT/STA

Mathematical Applications in Economics and Finance Specialist program should read:

(12 full courses or their equivalent including one full course at the 400-level)

First Year:

[ECO100Y1](#), [MAT137Y1](#), [MAT223H1](#), [MAT224H1](#)

Second Year:

[ECO206Y1](#), [MAT237Y1](#), [MAT244H1](#), [MAT246H1](#), [STA257H1](#), [STA261H1](#)

Higher Years:

[APM346H1](#), [APM462H1](#), [APM466H1](#), [ECO358H1](#), [MAT337H1](#), [STA302H1/ECO327Y1/\(375H1, 367H1\)](#), [STA347H1](#), [STA457H1](#)

Two of: [ECO359H1](#), [MAT315H1](#), [MAT334H1](#)

Changes to Mathematics & Philosophy Specialist program removed; program should read as it appears in the printed version of the 2008-2009 Calendar.

Mathematics and Physics Specialist program, First Year, should read:

First Year:

[MAT157Y1](#), [MAT240H1](#), [MAT247H1](#); [PHY 140Y1/\(151H1, 152H1\)](#)

[MAT133Y1](#) prerequisite should read:

Prerequisite: MCV4U, MHF4U

MAT135Y1 prerequisite should read:

Prerequisite: MCV4U, MHF4U

MAT137Y1 prerequisite should read:

Prerequisite: MCV4U, MHF4U

MAT157Y1 prerequisite should read:

Prerequisite: MCV4U, MHF4U

MAT223H1 prerequisite should read:

Prerequisite: MCV4U, MHF4U

MAT240H1 prerequisite should read:

Prerequisite: MCV4U, MHF4U

### New College

NEW424Y1 should be [NEW424H1](#)

### Political Science

POL364H1 should be [POL364Y1](#)

### Psychology

Exclusion to [PSY290H1](#) should read:

*Exclusion:* NRS201H1, HMB204H1 for 20081 and HMB200H1 from 20091 onwards

Prerequisite and Recommended preparation for [PSY330H1](#) should read:

*Prerequisite:* [PSY201H1](#) (or equivalent)

*Recommended preparation:* [PSY202H1](#) (or equivalent)

Psychology Group 2 should read:

### Group 2:

[BIO150Y1](#)/[BIO150Y1](#)">[BIO 150Y1/252Y1](#) (formerly [ZOO 252Y1](#))/[BIO270H1](#) (formerly [BIO252Y1](#))/[BIO271H1](#) (formerly [BIO252Y1](#))/[CSB 332H1](#) (formerly [ZOO 332H1](#))/[ENG290Y1](#)/[HIS498H1](#)/[HMB200H1](#)/[HMB202H1](#) (formerly [NRS 201H1](#))/[204H1](#)/[300H1](#)/[310H1](#) (formerly [NRS 302H1](#))/[320H1](#) (formerly [NRS 202H1](#))/[400Y1](#)/[420H1](#)/[JLS474H1](#)/[LIN100Y1](#)/[LIN200H1](#)/[MGT 262H1](#)/[NEW232Y1](#) (formerly [NEW402Y1](#) and [432Y1](#))/[NEW302Y1](#)/[NEW303H1](#)/[NEW333H1](#)/[NEW433H1](#)/[PCL475Y1](#)/[PHL240H1](#)/[PHL243H1](#)/[PHL340H1](#)/[POL313Y1](#)/[PSL300H1](#)/[PSL301H1](#)/[PSL302Y1](#)/[PSL440Y1](#)/[PSL444Y1](#)/[RLG211Y1](#)/[RLG301H1](#)/[RLG302H1](#)/[RLG421H1](#)/[TRN 320Y1](#)/[UNI250Y1](#) (formerly [JUP 250Y1](#)/ [370H1](#)/401H1 (formerly [JUP 450H1](#)/402H1/470H1/[WDW260H1](#)/[WDW360H1](#)/[WDW365H1](#)/[WGS372H1](#)

Psychology Specialist program requirements, #4 and #5, should read:

4. No more than one lab course taken from: [PSY319H1](#)/[PSY329H1](#)/[PSY339H1](#)/[PSY379H1](#)/[PSY389H1](#)/[PSY399H1](#)
5. A minimum of, and no more than, two 400-level seminars

Psychology Research Specialist program requirements, #4, should read:

4. No more than one lab course taken from: [PSY319H1](#)/[PSY329H1](#)/[PSY339H1](#)/[PSY379H1](#)/ [PSY389H1](#)/[PSY399H1](#)

**Note** added to program listings for all PSY programs:

Note: While you will not be prevented from graduating and while all PSY courses taken beyond the preferred limit WILL count towards your degree, the Department reserves the right at any time to remove you from said courses to make room for other students.

### Sociology

Prerequisite for SOC401Y1 should read:

*Prerequisite:* [SOC300H1](#), [SOC376H1](#), [SOC377H1](#), [SOC387H1](#)

### Statistics

Statistics and Mathematics Specialist program, Third and Fourth Years, and Note should read:

*Third and Fourth Years:*

1. [MAT327H1](#), [MAT354H1](#), [MAT357H1](#); [STA302H1](#), [STA352Y1](#), [STA347H1](#), [STA447H1](#)
2. At least three half-courses from [STA332H1](#), [STA410H1](#), [STA414H1](#), [STA422H1](#), [STA437H1](#), [STA438H1](#), [STA442H1](#), [STA450H1](#), [STA457H1](#)
3. At least one 300+ level f.c.e. from APM, CSC, MAT

Note

The Department recommends that [PHY151H1](#), [PHY152H1](#) be taken in first year, and that [CSC108H1](#)/[148H1](#)/[260H1](#) be taken during the program

[STA352Y1](#) prerequisite and note should read:

Prerequisite: [MAT 223H1](#)/[240H1](#); [MAT235Y1](#)/[237Y1](#)/[257Y1](#); [STA \(257H1,261H1\)](#)/[ECO227Y1](#)

Note: [MAT 237Y1](#)/[257Y1](#); [MAT \(223H1, 224H1\)](#)/[240H1](#) very strongly recommended.

[STA414H1](#) prerequisite should read:

Prerequisite: [CSC108H1](#), [STA302H1](#)/[CSC411H1](#)

### University College

[UNI300H1](#) should be [UNI211H1](#)

## Victoria College

Course numbering and exclusion change for [VIC260H1](#) and [261H1](#). Courses should read as:

### **VIC260H1**

#### **Equity and Diversity in Education [26L]**

This course focuses on raising awareness and sensitivity to equity and diversity issues facing teachers and students in diverse schools and cultural communities. It builds knowledge of how oppression works and how cultural resources and educational practices may be brought to bear on reducing oppression and improving equity. This course's field experience entails observation of and participation in equity and diversity efforts in a culturally-rooted school and/or community organization.

*Exclusion:* [SMC271H1](#)

This is a Social Science course.

### **VIC261H1**

#### **Child and Adolescent Development in Education [26L]**

This course examines how children and adolescents develop and explores how best to facilitate their growth and learning in the area of education. Major topics include cognitive, emotional, social, moral, physical and language development. Themes addressed include interpersonal relationships such as pro-social and aggressive behaviour, as well as the influence of schooling, family life and culture. This course includes a 20-hour field experience located in a school and entails observation of development across the various age groups. This may be satisfied by participation in Vic Reach or in another organization with the approval of the CTEP Vic Coordinator.

*Exclusion:* [SMC272H1](#)

This is a Science or Social Science course.

## **Visual Studies**

Prerequisite for [VIS302H1](#) should read:

*Prerequisite:* [VIS120H1](#), [VIS130H1](#), [VIS202H1/VIS203H1](#)

## **New Courses**

### **Cell & Systems Biology**

#### **CSB435H1**

##### **Regulatory Networks and Systems in Molecular Biology [26L]**

This course will expose students to several of the best-understood regulatory networks in molecular biology, as well as recent technological and methodological developments. Emphasis is on the mechanistic basis for these systems, the biological logic they encode and general concepts such as robustness, network motifs and scaling laws.

Prerequisite: [BCH311H1/CSB349H1/MGY311Y1](#)

### **Diaspora & Transnational Studies**

#### **DTS390H1**

#### **DTS390Y1**

##### **Independent Study Course in Diaspora and Transnational Studies [TBA]**

This will provide for directed reading courses on either a semester or year-long basis on a range of topics to do with diaspora and transnational studies.

Prerequisite: [DTS200Y1](#)

### **East Asian Studies**

#### **EAS366H1**

##### **Lovers & Madmen in Chinese Literature [26L]**

An introduction to some of China's major literary texts, along with some philosophical and historical texts that are often viewed as "literary". To do so, we will take as our guides lover and the madmen as both writers and literary subjects. Lovers and madmen, as Shakespeare suggests, both have vivid imaginations, strong narrative compulsion, and a passion that at times borders on lunacy because it may chafe against social borders, orthodoxy, or both.

Prerequisite: [EAS102Y1Y](#), [EAS209Y1Y](#)

#### **EAS367H1**

##### **The Cosmopolitan City in Premodern Chi: Chang'An [26L]**

This course will introduce multiple ways of looking at the city of Chang'an and a particularly rich tradition of literature associated with it, from the time of the first emperor to the Tang dynasty (618-907 AD), a period often considered China's Golden Age.

Prerequisite: [EAS102Y1Y](#), [EAS209Y1Y](#)

Recommended Preparation: some background of the general history of China helpful but not required

#### **EAS393Y1**

##### **Topics in Buddhism [52L, 26P]**

Sub-title will be provided to indicate topic to be discussed for the academic session. Topics on Buddhism may vary according to the instructor's interest.

#### **EAS394H1**

##### **Film Culture in Contemporary China [26L]**

This course discusses variations of documentary film and DV culture in contemporary China as forms of cultural, communal, and political practices. We will be focusing on those films and videos that seek to address important global issues such as peace and climate change in cross-media approach and in personal tone. We will be asking what new tendencies are there in the films and videos, where can we trace them back to, and what fresh possibilities are they to bring forth to our aesthetic and public life.

### **History & Philosophy of Science**

#### **HPS240H1**

##### **Epistemological Issues in Medicine [26L]**

An examination epistemological and logical aspects of medical science. Topics may include anecdote, bias, complexity, evidence, expertise, heuristics, phronesis, placebos, plausibility, probability, randomness, statistics and uncertainty.

Prerequisite: One HPS half course or PHL half course or [BIO150Y1BIO150Y1](#)">[BIO150Y1BIO150Y1](#)

This is a Humanities course.

### **Human Biology**

#### **HMB436H1**

##### **Human Fungal Interaction [16L, 4S, 6P]**

Lecture, seminar, and field course that studies the interactions between humans and fungi. Topics focus on the effects of fungi on human physiology and pathophysiology. As well as the biotechnology and commercialization of fungi will be explored.

#### **Near & Middle Eastern Civilizations**

##### **NML416Y1 Survey of Modern Arabic Literature [36L]**

This course introduces students to the richness and breadth of modern Arabic literature, covering a wide range of selected texts, including travel accounts, novellas, fiction, prose, poetry, and drama. Texts studied in original Arabic language. Class conducted and tests/assignments written in English.  
Prerequisite: [NML410Y](#) or permission of instructor

#### **New College**

##### **ELL010H1 Intensive Academic English**

Students will learn strategies for improving high-level reading comprehension, listening to lectures with full understanding, and giving successful oral presentations. A series of writing assignments will develop and apply skills in grammar, vocabulary-building, and critical thinking. Suitable for humanities, social science and science students. This course has no credit value: it does not count toward degree requirements. For information, see [www.newcollege.utoronto.ca/ell.htm](http://www.newcollege.utoronto.ca/ell.htm).

#### **Physiology**

##### **PSL280H1 Introduction to Physiologic Adaptations of Marine Mammals [26L, 12P]**

Systems approach to physiology of marine mammals in their aquatic environment. Highlights unique features of cardiovascular, respiratory, gastrointestinal, renal, urinary, and reproductive systems. Introduces relevant nervous and endocrine physiology, and makes comparisons to human condition and disease.

Prerequisite: [BIO150Y1](#)/[BIO150Y1](#) >BIO 150Y1, [CHM138H1](#)

#### **Victoria College - Vic First Pathways Courses**

##### **VIC113H1 Encountering Distant Climes: The Literature of Travel and Exploration**

This course will study accounts of world travelers and explorers from the Middle Ages to the present, including representative examples drawn from the Age of Exploration, the Grand Tour, scientific and map-making expeditions, and the contemporary genre of travel writing. Particular attention will be given to the trans-cultural nature of travel, and the interactive aspects of the gulf between the observer and those observed. Students will analyze the diverse motivational factors behind excursions and expeditions, and apply a critique to written accounts in light of such factors as self-discovery, knowledge and imagination, Euro-centrism, orientalism, cultural relativism, colonialism/imperialism, race, gender, and eco-tourism.

Corequisite: [BIO150Y1](#)

##### **VIC118H1 The Rebel in History, Literature and Popular Culture**

This course will examine the phenomenon of individuals and communities who rebel against the general social norms upheld by the majority in societies throughout history. The societal conventions can include generally-accepted moral and religious tenets, as well as the formal legal or political powers employed by those with the levers of social control. Rebels' motives can range from the purely criminal, as with many notorious outlaws, to struggles for social justice, in the case of rebellious slaves or proponents of civil disobedience. Students will develop a theoretical framework which they can apply to the lives and motivations of a diverse representation of social rebels and outsiders, among them: pirates; mutineers, bandits and members of street/biker gangs, anarchists, disaffected intellectuals and religious leaders, punks and goths. Besides examining the sociological and philosophical aspects of rebellion, the course will consider the rebel as a prominent element in popular culture.

Corequisite: [COM110H1](#)