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.

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%)
3. MAT137Y1 or MAT157Y1
4. 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. MG201H1 (may be taken in second year or later)
2. MAT137Y1 (55%)/MAT157Y1
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: ACT457H1, ACT458H1, ACT459H1, 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 EAS296Y1 should be “Selected Topics in East Asian Studies, 200-Level”.

Title of EAS396Y1 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, 351H, 360H, 436H, 448H, 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/MB265H1; 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. LIN230Y1
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; CSC351H1, CSC446H1, CSC468H1

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

1. MAT327H1, MAT347Y1, MAT354H1, MAT357H1, MAT477Y1

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, CSC265H1, CSC268H1, CSC291H1, APM461H1, MAT344H1
2. Two of APM461H1, CSC350H1, CSC351H1, CSC354H1, CSC363H1, 378H1, CSC438H1, CSC446H1, CSC468H1, CSC487H1

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

Physical Sciences Concentration:
1. PHY 140Y1/(PHY 151H1, 152H1); APM464H1/APM451Y1; AST221H1, AST222H1

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

Probability/Statistics Concentration:
1. APM434H1/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, ECO359H1, 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:

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<tr>
<th>Course Code</th>
<th>Course Name</th>
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<tbody>
<tr>
<td>BIO150Y1/BIO150Y1</td>
<td>Biology 150Y1</td>
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<td>BIO252Y1/BIO277H1</td>
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<td>English 220Y7</td>
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<td>HMB200H1</td>
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<td>Justice 250H1</td>
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<td>Public Administration 475Y1</td>
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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 233H1/240H1, MAT 235Y1/237Y1/257Y1, 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: SMG271H1
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: SMG272H1
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 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: EAS102Y1, EAS209Y1

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: EAS102Y1, EAS209Y1

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, placebo, plausibility, probability, randomness, statistics and uncertainty.

Prerequisite: One HPS half course or PHL half course or BIO150Y1/BIO150Y1>BIO150Y1/BIO150Y1

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, 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**

### Victoria College - Vic First Pathways Courses

**VIC13H1 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, and eco-tourism.

Corequisite: **BIO150Y1**

**VIC18H1 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**

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