



FOR INFORMATION

PUBLIC

OPEN SESSION

TO: UTSC Academic Affairs Committee

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DATE: Tuesday, March 22, 2016

AGENDA ITEM: 5

ITEM IDENTIFICATION:

Minor Curriculum Modifications—All UTSC Undergraduate Academic Units

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 5.7 of its Terms of Reference, the Committee “receives annually from its assessors, reports on matters within its areas of responsibility.”

GOVERNANCE PATH:

- 1. UTSC Academic Affairs Committee [For Information] (March 22, 2016)**

PREVIOUS ACTION TAKEN:

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

HIGHLIGHTS:

The Office of the Vice-Principal Academic and Dean reports, for information, all curricular changes to programs and courses that do not require governance approval.

Minor curricular modifications that do not require governance approval include:

- Changes to existing programs that do not impact the learning outcomes;
- Course deletions; and

*UTSC Academic Affairs Committee-
Minor Curriculum Modifications—All UTSC Undergraduate Academic Units*

- Changes to existing courses that do not impact the learning outcomes.

FINANCIAL IMPLICATIONS:

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

RECOMMENDATION:

This item is presented for information.

DOCUMENTATION PROVIDED:

1. 2016-17 Curriculum Cycle: Undergraduate Minor Modifications for Information Report, dated February 1, 2016



2016-17 Curriculum Cycle

Undergraduate Minor Curriculum Modifications for Information

March 1, 2016

Part I: Changes to Existing Programs and Courses

Department of Anthropology

Note regarding consultation:

All changes have been approved by the Departmental Curriculum Committee, and reviewed by the Dean's Office. Where changes may have had an impact on outside academic units, appropriate consultation has taken place.

Course change – ANTC18H3

Rationale:

These changes will open the course to students in City Studies programs.

Calendar Copy Showing Changes:

ANTC18H3 Urban Anthropology

Urban spaces, neighbourhoods, and institutions have at different times been the focus of ethnographic studies of cities. In this course we will examine the role of culture, cultural diversity, space and performance in urban institutions.

Prerequisite: [ANTB19H3 and ANTB20H3] or [1.5 credits at the B-level in CIT courses]

Enrolment Limits: 60

Breadth Requirement: Social & Behavioural Sciences

Course change – ANTC24H3

Rationale:

These changes will open the course to students in Health Studies programs.

Calendar Copy Showing Changes:

ANTC24H3 Culture, Mental Illness, and Psychiatry

Does schizophrenia exist all over the world? Does depression look different in China than it does in Canada? By examining how local understandings of mental illness come into contact with Western psychiatric models, this course considers the role of culture in the experience, expression, definition, and treatment of mental illness and questions the universality of Western psychiatric categories.

Prerequisite: [ANTB19H3 and ANTB20H3] or **HLTB42H3**

Recommended Preparation: ANTC61H3

Enrolment Limits: 60
Breadth Requirement: Social & Behavioural Sciences

Course change – ANTC40H3

Rationale:

ANTC39H3 is being removed as a prerequisite since it is no longer being offered. ANTB14H3 and ANTB15H3 were the prerequisites for C39 when it was offered and are suitable prerequisites for C40. A statistics course has also been added to serve as an indicator to students of the background they will need in order to be successful in the course.

Calendar Copy Showing Changes:

ANTC40H3 Methods and Analysis in Anthropological Demography

An examination of the biological, demographic, ecological and socio-cultural determinants of human and non-human population structure and the interrelationships among them. Emphasis is given to constructing various demographic measures of mortality, fertility and immigration and their interpretation.

Science credit

Prerequisite: (~~ANTC39H3~~) **ANTB14H3 and ANTB15H3 and any statistics course**

Breadth Requirement: Quantitative Reasoning

Course change – ANTC53H3

Rationale:

ACMB01H3 is being added to the prerequisites for all C-level MDS courses. The prerequisites for this half of a double-numbered pairing are being revised to reflect the changes to the partner course. No impact on learning outcomes, topics covered, or methods of assessment.

Calendar Copy Showing Changes:

ANTC53H3 Anthropology of Media and Publics

How do media work to circulate texts, images, and stories? Do media create unified publics? How is the communicative process of media culturally-distinct? This course examines how anthropologists have studied communication that occurs through traditional and new media.

Ethnographic examples drawn from several contexts.

Same as MDSC53H3

Prerequisite: [ANTB19H3 and ANTB20H3] or [MDSA01H3 and MDSB05H3 **and ACMB01H3**]

Exclusion: MDSC53H3

Enrolment Limits: 60

Breadth Requirement: Arts, Literature & Language

Course change – ANTC61H3

Rationale:

The prerequisite has been revised to open the course to students in Health Studies programs. An enrolment limit has been added to bring this course in line with other ANT C-level courses.

Calendar Copy Showing Changes:

ANTC61H3 Medical Anthropology: Illness and Healing in Cultural Perspective

Social and symbolic aspects of the body, the life-cycle, the representation and popular explanation of illness, the logic of traditional healing systems, the culture of North American illness and biomedicine, mental illness, social roots of disease, innovations in health care delivery systems.

Prerequisite: [ANTB19H3 and ANTB20H3] **or HLTB42H3**

Enrolment Limits: 60

Breadth Requirement: Social & Behavioural Sciences

Department of Anthropology – Health Studies Group

Note regarding consultation:

All changes have been approved by the Departmental Curriculum Committee, and reviewed by the Dean's Office. Where changes may have had an impact on outside academic units, appropriate consultation has taken place.

Course change – HLTB50H3

Rationale:

The revised prerequisites open the course to a wider range of students, which will benefit the richness of discussion and creative talent in the lecture and tutorial setting, by bringing the knowledge, skills, and attitudes of more “traditional” humanities to the health studies (and specifically health *humanities*) setting. The proposed change is an excellent opportunity to model the very purpose of this course: to demonstrate to students how the arts and humanities inform the study of health and illness.

In addition, opening up enrolment in the course also means that students who might not have otherwise given thought to undertaking a health studies program may discover a hitherto unknown interest.

Calendar Copy Showing Changes:

HLTB50H3 Introduction to Health Humanities

An introduction to human health through literature, narrative, and the visual arts. Students will develop strong critical skills in text-centered methods of analysis (i.e., the written word, visual images) through topics including representations of health, illness narratives, death and dying, patient-professional relationships, technoscience and the human body.

Prerequisite: **HLTA02H3 and HLTA03H3 Any 4.0 credits**

Recommended Preparation: Prior experience in humanities courses at the secondary or post-secondary level.

Breadth Requirement: Arts, Literature & Language

Note: Preference will be given to students enrolled in a Health Studies program.

Department of Arts, Culture and Media

Note regarding consultation:

All changes have been approved by the Departmental Curriculum Committee, and reviewed by the Dean's Office. Where changes may have had an impact on outside academic units, appropriate consultation has taken place.

Course change – VPAB13H3

Rationale:

VPAB13H3 requires students to work closely with numbers and mathematic principles and practices; as such is it properly categorized as a Quantitative Reasoning course.

Calendar Copy Showing Changes:

VPAB13H3 Financial Management for Arts Managers

An introduction to financial management issues faced by arts and cultural managers.

The topics include an introduction to basic accounting concepts, financial statement preparation and analysis, internal control and management information systems, budgeting and programming, cash and resource management, and various tax-related issues.

Prerequisite: VPAA10H3

Exclusion: MGTB03H3

Recommended Preparation: VPAA12H3 or [(VPAB12H3) and (VPAB14H3)]

Breadth Requirement: ~~Social & Behavioural Sciences~~ **Quantitative Reasoning**

Course change – VPA C-levels

Rationale:

ACMB01H3 is being added to the prerequisites because it ensures students have developed the communication and writing skills they will need to be successful in these C-level courses.

Calendar Copy Showing Changes:

VPAC13H3 Planning and Project Management in the Arts and Cultural Sector

This course provides a broad foundation of project management and planning knowledge and skills. Topics such as project and special event management (including tours, festivals, etc.), and strategic and business planning (including entrepreneurship) will be discussed in the context of organizational processes.

Prerequisite: 8.0 credits including VPAB13H3 and VPAB16H3 **and ACMB01H3**

Breadth Requirement: Arts, Literature & Language

VPAC15H3 Cultural Policy

A survey of the principles, structures and patterns of cultural policy and arts funding, both nationally and internationally. The course will explore a wide range of cultural policy issues, addressing both the subsidized arts and cultural industries sectors, and exploring the strengths and weaknesses of particular policy approaches.

Prerequisite: [8.0 credits, including VPAA10H3 and VPAB05H3 and ACMB01H3] or [8.0 credits, including SOCB58H3 and registration in the Minor in Culture, Creativity, and Cities]
Breadth Requirement: Arts, Literature & Language

VPAC16H3 Legal and Human Resources Issues in Arts Management

This course is a study of legal and practical human resource issues from an arts management perspective. Topics will include copyright, freedom of expression, censorship, and issues related to labour relations and contracts in the cultural sector.

Prerequisite: 8.0 credits including VPAA10H3 and ACMB01H3

Enrolment Limits: 30

Breadth Requirement: Arts, Literature & Language

VPAC17H3 Arts Marketing

An advanced study of marketing within the arts and cultural sector. This course facilitates a sophisticated understanding of the knowledge and skills required for an arts manager to be responsive to varied market groups and changing market environments and successfully bring art and audiences together.

Prerequisite: VPAA10H3 and VPAA12H3 and ACMB01H3

Recommended Preparation: VPAA06H3

Breadth Requirement: Arts, Literature & Language

VPAC18H3 Fundraising and Development in the Arts

An advanced study of fundraising and resource development within the arts and cultural sector. This course facilitates a sophisticated understanding of the knowledge and skills required for an arts manager to develop and increase contributed revenue to support the artistic mission of cultural organizations.

Prerequisite: VPAA12H3 and VPAB13H3 and VPAB16H3 and ACMB01H3

Breadth Requirement: Arts, Literature & Language

VPAC21H3 Special Topics in Arts Management I

Special topics for intensive practical, theoretical and/or experiential study of some specific aspects of Arts Management. The topic(s) to be explored in this course will change from session to session.

Prerequisite: 10.0 credits, including VPAA10H3, VPAA12H3, and VPAB16H3 and ACMB01H3

Exclusion: (VPAD13H3)

Enrolment Limits: 25

Breadth Requirement: Arts, Literature & Language

VPAC22H3 Special Topics in Arts Management II

Special topics for intensive practical, theoretical and/or experiential study of some specific aspects of Arts Management. The topic(s) to be explored in this course will change from session to session.

Prerequisite: 10.0 credits, including VPAA10H3, VPAA12H3, and VPAB16H3 and ACMB01H3

Enrolment Limits: 25

Breadth Requirement: Arts, Literature & Language

Course change – VPH B-levels

Rationale:

B-level courses in Art History are designed to expand student knowledge of specific historical and cultural art histories, to ensure familiarity with the current state of the field, and to introduce students to relevant methodologies and appropriate vocabulary. Adding the foundational course VPHA46H3 as a prerequisite, enables these B-level courses to function appropriately and to meet the stated learning outcomes.

Course titles and descriptions, and exclusions and recommended preparations have been updated to reflect current realities.

Calendar Copy Showing Changes:

VPHB39H3 Ten Key Words in Art History: Unpacking Methodology

Key concepts in art history, including intention, meaning, style, materiality, identity, production, reception, gender, visuality, and history. Students will explore critical questions such as whether and how to read artist's biographies into their art. This course helps students understand the discipline and develops critical thinking and research skills required in advanced courses.

Prerequisite: VPHA46H3 or ACMA01H3

Exclusion: FAH102H

Recommended Preparation: ~~VPAH46H3~~

Breadth Requirement: Arts, Literature & Language

VPHB50H3 Africa Through the Photographic Lens

The centrality of photographic practice to African cultures and histories from the period of European imperialism, the rise of modernist "primitivism" and the birth of ethnology and anthropology to contemporary African artists living on the continent and abroad.

Prerequisite: VPHA46H3 or ACMA01H3 or AFSA01H3 ~~None. Visual art studio students are encouraged to enrol.~~

Breadth Requirement: Arts, Literature & Language

VPHB53H3 Medieval Art

The origins of European artistic traditions in the early Christian, Mediterranean world; how these traditions were influenced by classical, Byzantine, Moslem and pagan forms; how they developed in an entirely new form of artistic expression in the high Middle Ages; and how they led on to the Renaissance.

Prerequisite: VPHA46H3

Exclusion: FAH215H, FAH216H, (FAH261H)

Recommended Preparation: ~~VPHA46H3~~

Breadth Requirement: Arts, Literature & Language

VPHB58H3 Modern Art and Culture

A study of nineteenth and twentieth century arts and visual media, across genres and cultures. What did modernity mean in different cultural contexts? How is 'modern' art or 'modernism' defined? How did the dynamic cultural, economic, and socio-political shifts of the globalizing and industrializing modern world affect the visual arts and their framing?

Nineteenth and twentieth century art in relation to the modern world. What 'modern' means when

used to describe art, and how art is affected by the dynamic cultural, economic, social, and

Prerequisite: VPHA46H3

Exclusion: FAH246H, (FAH287H), (FAH288H) FAH245H

Breadth Requirement: Arts, Literature & Language

VPHB59H3 Current Art Practices

Shifts in theory and practice in art of the past fifty years. Studying selected artists' works from around the world, we explore how notions of modern art gave way to new ideas about media, patterns of practice, and the relations of art and artists to the public, to their institutional contexts, and to globalized cultures.

Prerequisite: VPHA46H3 or VPHB39H3

Exclusion: (FAH289H)

Breadth Requirement: Arts, Literature & Language

VPHB63H3 Fame, Glory and Spectacle: 14th-16th Century Art in Italy

This course is an introduction to art and visual culture produced in Italy ca. 1350-1550. Students will explore new artistic media and techniques, along with critical issues of social, cultural, intellectual, theoretical and religious contexts that shaped the form and function of art made during this era.

Prerequisite: VPHA46H3

Exclusion: FAH230H, FAH274H

Breadth Requirement: Arts, Literature & Language

VPHB64H3 Baroque Visions

This course introduces the art and culture of 17th century Europe and its colonies. Art of the Baroque era offers rich opportunities for investigations of human exploration in geographic, spiritual, intellectual and political realms. We will also consider the development of the artist and new specializations in subject and media.

Prerequisite: VPHA46H3

Exclusion: FAH231H, FAH279H

Recommended Preparation: VPHB63H3 or VPHB74H3

Breadth Requirement: Arts, Literature & Language

VPHB68H3 Art and the Everyday: Mass Culture and the Visual Arts

This course explores the relationship between visibility and practices of everyday life. It looks at the interaction of the political, economic and aesthetic aspects of mass media with the realm of "fine" arts across history and cultures. We will explore notions of the public, the mass, and the simulacrum.

Prerequisite: VPHA46H3

Breadth Requirement: Arts, Literature & Language

VPHB73H3 Visualizing Asia

A survey of the art of China, Japan, Korean, India, and Southeast Asia. We will examine a wide range of artistic production, including ritual objects, painting, calligraphy, architectural monuments, textile, and prints. Special attention will be given to social contexts, belief systems, and interregional exchanges.

Same as GASB73H3

Prerequisite: [ACMA01H3 or VPHA46H3 or GASA01H3]

Exclusion: GASB73H3, FAH260H, FAH261H

Breadth Requirement: Arts, Literature & Language

VPHB74H3 Art in Early Modern Europe: Renaissances Outside of Italy

This course explores the rich visual culture produced in northern and central Europe 1400-1600. Topics such as the rise of print culture, religious conflict, artistic identity, contacts with other cultures and the development of the art market will be explored in conjunction with new artistic techniques, styles and materials.

Prerequisite: VPHA46H3

Exclusion: FAH230H, FAH274H

Recommended Preparation: VPAA46H3

Breadth Requirement: Arts, Literature & Language

VPHB77H3 Modern Asian Art Asia in Display

An introduction to modern Asian art through domestic, regional, and international exhibitions. Students will study the multilayered new developments of art and art institutions in China, Japan, Korea, India, Thailand, and Vietnam, as well as explore key issues such as colonial modernity, translingual practices, and multiple modernism.

Same as GASB77H3

Prerequisite: ACMA01H3 or VPHA46H3 or GASA01H3

Exclusion: GASB77H3, FAH262H

Recommended Preparation: ~~VPHA46H3 or GASA01H3~~

Breadth Requirement: Arts, Literature & Language

Course change – VPHB42H3

Rationale:

This course is being changed to reflect the specialized areas of study in the course content and to provide a parallel with VPHC42H3 Gothic Art and Architecture. Together, these two courses provide more in-depth investigation of specialized material after students have taken an introduction to medieval art (VPHB53H3). The course learning outcomes will include acquisition of familiarity with appropriate bibliography, such as specialized journals or databases for Romanesque art, introduction to the current state of research in this area, acquisition of appropriate research methods and modelling advanced scholarly practice such as leading seminar discussions. Methods of assessment will align with other C and D-levels courses in this program, focussing on development of individual research skills through assigned projects, essays and presentations. The topics covered will be focussed to provide students with the relevant learning outcomes.

Calendar Copy Showing Changes:

VPHB42H3 VPHC41H3 Carolingian and Romanesque Art and Architecture

Major artistic and architectural monuments of Europe from the Carolingian renaissance to the renaissance of the twelfth century, considered in relation to geographical context, to monasticism and pilgrimage, to artistic developments of the contemporary Mediterranean world, and to the art and architecture of the later Roman Empire, Byzantium and Armenia, Islam and the art of the

invasion period.

Prerequisite: VPHB53H3

Exclusion: (VPHB42H3), FAH215H

Breadth Requirement: Arts, Literature & Language

Course change – VPHB71H3

Rationale:

The course designator is being changed to reflect that the focus of the material and topics is pertinent to Curatorial Studies. The exclusions have been updated to include the old course code to prevent students who have already taken the course at the B-level from taking it at the C-level, and to include FAH310H because there is sufficient overlap between the courses to warrant it being included as an exclusion.

Calendar Copy Showing Changes:

VPHB71H3 CURB02H3 Exhibiting Art

A critical look at ways of exhibiting art, from a variety of international, historical and contemporary perspectives with emphasis on today's displays in public and private institutions, and on beyond-the-gallery installation, performance, and virtual art practices.

Prerequisite: VPHA46H3

Exclusion: (VPHB71H3), FAH310H

Breadth Requirement: Arts, Literature, and Language

Course change – VPHC42H3

Rationale:

VPHB53H3 is added to the prerequisites because it offers suitable background. ACMB01H3 is being added to the prerequisites because it ensures students have developed the communication and writing skills they will need to be successful in these C-level courses.

Calendar Copy Showing Changes:

VPHC42H3 Gothic Art and Architecture

Current scholarship is expanding and challenging how we decide "what is Gothic?" We will examine a variety of ~~buildings~~ **artworks**, considering artistic culture, social, cultural, and physical contexts as well. Style, ~~building~~ techniques, patronage, location in time and space, and importance of decoration (sculpture, stained glass, painting, tapestry) will be among topics discussed.

Prerequisite: ~~One credit in art history at the B-level.~~ VPHB53H3 and ACMB01H3

Exclusion: FAH328H, FAH351H, (FAH369H)

Breadth Requirement: Arts, Literature & Language

Course change – VPHC49H3

Rationale:

VPHB39H3 is being added to the prerequisites because it provides necessary preparation.

ACMB01H3 is being added to the prerequisites because it ensures students have developed the communication and writing skills they will need to be successful in these C-level courses.

VPAB05H3 is being deleted from the prerequisites because this course content overlaps with VPHB39H3. The corequisites have been revised in alignment with the prerequisites.

Calendar Copy Showing Changes:

VPHC49H3 Advanced Studies in Art Theory

The class will read selected recent cultural theory and art theory and consider its implications for a variety of works of art, and will investigate selected exhibition critiques and the critical discourse surrounding the oeuvres of individual artists.

Prerequisite: [VPHA46H3](#) & ~~[VPAB05H3 or (VPAB06H3)]~~ and [VPHB39H3](#) and [ACMB01H3](#)

Corequisite: 2.0 credits 1.0 credit at the B-level in [VPH](#) and/or [VPS](#) courses art history and/or studio.

Breadth Requirement: Arts, Literature & Language

Course change – VPHC72H3

Rationale:

VPHC72H3 is being double-numbered with a new course – CURC72H3.

Calendar Copy Showing Changes:

VPHC72H3 Art, the Museum, and the Gallery

Art and the settings in which it is seen in cities today. Some mandatory classes to be held in Toronto museums and galleries, giving direct insight into current exhibition practices and their effects on viewer's experiences of art; students must be prepared to attend these classes.

Same as [CURC72H3](#)

Prerequisite: [ACMB01H3](#) and ~~VPHB71H3 & VPHB72H3~~ and [CURB01H3](#) and [CURB02H3](#)

Exclusion: [CURC72H3](#)

Enrolment Limits: ~~20~~ 15

Breadth Requirement: Arts, Literature & Language

Course change – VPHD43H3

Rationale:

This course will be a requirement in the new Minor in Curatorial Studies. The course designator is being changed to reflect that the focus of the material and topics is pertinent to Curatorial Studies.

Calendar Copy Showing Changes:

~~VPHD43H3~~ **CURD43H3 Curating Contemporary Art**

Curatorial practice and the responsibilities of the curator, such as the intellectual and practical tasks of producing a contemporary art exhibition, researching Canadian contemporary art and artists, building a permanent collection, administrating a public art competition, and critical writing about works of visual art in their various contexts. Studio and/or gallery visits required.

Prerequisite: 11.0 credits, including: [[VPHB39H3](#) and ~~VPHB71H3 & VPHB72H3~~ [CURB01H3](#) and [CURB02H3](#)]

Exclusion: ([VPHD43H3](#))

Enrolment Limits: 20

Breadth Requirement: Arts, Literature, & Language

Course change – VPHD44H3

Rationale:

This course will be a requirement in the new Minor in Curatorial Studies. The course designator is being changed to reflect that the focus of the material and topics is pertinent to Curatorial Studies.

Calendar Copy Showing Changes:

VPHD44H3 CURD44H3 Curating Historical Art

Time and history bring different factors to our understanding and interpretation of artworks. Students will explore both intellectual and practical factors concerning curating historical art, from conservation, research, and handling issues to importance of provenance, collecting, and display, through workshops, critical writing and discussion, field trips, and guest speakers.

Prerequisite: 11.0 credits, including: VPHB39H3, & VPHB71H3 & VPHB72H3 CURB01H3, and CURB02H3

Exclusion: (VPHD44H3)

Enrolment Limits: 20

Breadth Requirement: Arts, Literature, & Language

Course change – JOUB14H3

Rationale:

These changes in course content, and descriptions are in line with Centennial's direction to raise the digital knowledge of the learners. The prerequisite has been revised to include a CGPA requirement to make a currently implicit requirement explicit.

This course will complement the stated desires of the learners and their prospective employers who are eager to hire our students with a full set of digital skills and habits.

Calendar Copy Showing Changes:

JOUB14H3 ~~Journalism~~ Multiplatform Design

~~Students develop skills to produce multiplatform layouts, including broadsheet, tabloid and website formats, in preparation for experience on the print and online "Observer". Students will use InDesign to produce attractively designed journalistic layouts that reflect sound news judgment. This course is taught at Centennial College and is open only to students in the Journalism Joint Program.~~

This course provides an introduction to the principles of design and aims to help students develop the skills they will need to package and present news and feature content across print and digital platforms. This course is taught at Centennial College and is open only to students in the Specialist (Joint) program in Journalism.

Prerequisite: 10 credits including [(MDSA21H3) or JOUA01H3]; and [(MDSA22H3) or JOUA02H3]; and [(MDSB26H3) or JOUB01H3]; and [(MDSB27H3) or JOUB02H3]; ~~(HUMB11H3)~~; **students must have a minimum 2.0 CGPA to take this course.**

Corequisite: JOUA06H3 & JOUB11H3 & JOUB18H3

Breadth Requirement: Arts, Literature & Language

Course change – JOUB20H3

Rationale:

These changes in course content, and descriptions are in line with Centennial's direction to raise the digital knowledge of the learners. The prerequisite has been revised to include a CGPA requirement to make a currently implicit requirement explicit.

This course will complement the stated desires of the learners and their prospective employers who are eager to hire our students with a full set of digital skills and habits.

Calendar Copy Showing Changes:

JOUB20H3 ~~Multiplatform~~ **Interactive Journalism**

~~This course focuses on design and writing for multiplatform presentations of editorial content. Instruction includes gathering, editing and uploading text, audio and video for display on websites and mobile handheld devices. Students learn the mechanics of news website construction and maintenance and protocols for storytelling in a digital milieu. Newsgathering today requires journalists to be able to file to a number of different media platforms. This course builds on JOUB11H3 and introduces students to new production protocols appropriate for digital news media. It focuses on orienting students to the multiplatform and web-focused environment by refining reporting/writing/production skills already acquired for the special needs of digital news operations. Using a multiplatform, newsroom-in-action format, the course includes instruction in skills related to gathering, editing and uploading custom interactive content and data presentations and will outline protocols for audience interaction. This course is taught at Centennial College and is open only to students in the Specialist (Joint) program in Journalism Joint Program.~~

~~Prerequisite: 12 credits, including [JOUA06H3](#), [JOUB11H3](#), [JOUB14H3](#) & [JOUB18H3](#); students must have a minimum 2.0 CGPA to take this course.~~

~~Corequisite: [JOUB03H3](#), [JOUB05H3](#), [JOUB10H3](#) & [JOUB17H3](#).~~

~~Breadth Requirement: Arts, Literature & Language~~

Course change – JOUC13H3

Rationale:

These changes in course content and descriptions are in line with Centennial's direction to raise the digital knowledge of the learners. The prerequisite has been revised to include a CGPA requirement to make a currently implicit requirement explicit.

This course will complement the stated desires of the learners and their prospective employers who are eager to hire our students with a full set of digital skills and habits.

Calendar Copy Showing Changes:

JOUC13H3 ~~Beat Reporting~~ **Entrepreneurial Reporting**

~~Student teams conduct market research and prepare a business proposal. Each student writes five stories with audio and video elements. Each team publishes the work in a new niche magazine and designs a website, using multi-media skills of writing, photography, audio and video.~~

~~This is an advanced, multimedia content-driven course where students, working in groups and under faculty supervision, select a narrow topic and conduct preliminary research to prepare and~~

present a proposal. After the approval of their proposal, students will research, write, shoot and produce a series of stories, including at least one documentary-style video, and for a final project, a website and a magazine. Students will be graded on their individual work as well as their teamwork and professionalism. This course is taught at Centennial College and is open only to students in the **Specialist (Joint) program in Journalism Joint Program**.

Prerequisite: 14.5 credits, including [JOUB03H3](#), [JOUB05H3](#), [JOUB10H3](#), [JOUB17H3](#) & [([JOUB09H3](#)) or [JOUB20H3](#)]; **students must have a minimum 2.0 CGPA to take this course.**

Corequisite: [JOUC16Y3](#) & [JOUC17H3](#)

Breadth Requirement: Arts, Literature & Language

Course change – JOUC62H3

Rationale:

ACMB01H3 is being added to the prerequisites as it ensures students have developed the communication and writing skills they will need to be successful in C-level courses.

Calendar Copy Showing Changes:

JOUC62H3 Media and the World of Work

The course explores the relationships between journalism and the labour movement in Canada's present media environment. It examines how labour is perceived as a media issue and how labour stories are framed in mainstream media - what is reported, how it is reported, what isn't reported, and why. It also examines significant issues in Canadian labour history within a media studies context.

Same as MDSC62H3

Prerequisite: **ACMB01H3** and [[[MDSA01H3](#) and [MDSB05H3](#)] or [[JOUA01H3](#) and [JOUA02H3](#)]]

Exclusion: MDSC62H3

Breadth Requirement: Arts, Literature & Language

Course change – JOUC63H3

Rationale:

ACMB01H3 is being added to the prerequisites as it ensures students have developed the communication and writing skills they will need to be successful in C-level courses.

Calendar Copy Showing Changes:

JOUC63H3 Media Ethics

Introduces students to ethical issues in media. Students learn theoretical aspects of ethics and apply them to media industries and practices in the context of advertising, public relations, journalism, mass media entertainment, and online culture.

Same as JOUC63H3

Prerequisite: **ACMB01H3** and [[[MDSA01H3](#) and [MDSB05H3](#)] or [[JOUA01H3](#) and [JOUA02H3](#)]]

Exclusion: JOUC63H3

Breadth Requirement: History, Philosophy & Cultural Studies

Course change – MDS C-levels

Rationale:

ACMB01H3 is being added to the prerequisites because it ensures students have developed the communication and writing skills they will need to be successful in these C-level courses.

Calendar Copy Showing Changes:

MDSC01H3 Theories in Media Studies

This is an advanced seminar for third and fourth year students on theories applied to the study of media.

Prerequisite: **ACMB01H3** and 2.0 credits at the B-level in MDS courses

Breadth Requirement: History, Philosophy & Cultural Studies

MDSC02H3 Media, Identities and Politics

This course explores the centrality of mass media such as television, film, the Web, and mobile media in the formation of multiple identities and the role of media as focal points for various cultural and political contestations.

Prerequisite: **ACMB01H3** and 2.0 credits at the B-level in MDS courses

Breadth Requirement: Social & Behavioural Sciences

MDSC40H3 Chinese Media and Politics

This course examines the complex and dynamic interplay of media and politics in contemporary China and the role of the government in this process.

Same as GASC40H3

Prerequisite: 4.0 credits including **ACMB01H3** [(HUMA01H3) or ACMA01H3]

Exclusion: GASC40H3

Breadth Requirement: History, Philosophy & Cultural Studies

MDSC41H3 Media and Popular Culture in East and Southeast Asia

This course introduces students to media industries and commercial popular cultural forms in East and Southeast Asia. Topics include reality TV, TV dramas, anime and manga, as well as issues such as regional cultural flows, global impact of Asian popular culture, and the localization of global media in East Asia.

Same as GASC41H3 and (IEEC21H3)

Prerequisite: 4.0 credits, including **ACMB01H3** [(HUMA01H3) or ACMA01H3]

Exclusion: GASC41H3, (IEEC21H3)

Breadth Requirement: History, Philosophy & Cultural Studies

MDSC53H3 Anthropology of Media and Publics

How do media work to circulate texts, images, and stories? Do media create unified publics? How is the communicative process of media culturally-distinct? This course examines how anthropologists have studied communication that occurs through traditional and new media. Ethnographic examples drawn from several contexts.

Same as ANTC53H3

Prerequisite: [ANTB19H3 and ANTB20H3] or [MDSA01H3 and MDSB05H3 and **ACMB01H3**]

Exclusion: ANTC53H3

Enrolment Limits: 60

Breadth Requirement: Arts, Literature & Language

MDSC61H3 Alternative Media

This course examines the history, organization and social role of a range of independent, progressive, and oppositional media practices. It emphasizes the ways alternative media practices, including the digital, are the product of and contribute to political movements and perspectives that challenge the status quo of mainstream consumerist ideologies.

Prerequisite: **ACMB01H3** and [[2.0 credits at the B-level in MDS courses] or [2.0 credits at the B-level in JOU courses]]

Breadth Requirement: History, Philosophy & Cultural Studies

MDSC62H3 Media and the World of Work

The course explores the relationships between journalism and the labour movement in Canada's present media environment. It examines how labour is perceived as a media issue and how labour stories are framed in mainstream media - what is reported, how it is reported, what isn't reported, and why. It also examines significant issues in Canadian labour history within a media studies context.

Same as JOUC62H3

Prerequisite: **ACMB01H3** and [[MDSA01H3 and MDSB05H3] or [JOUA01H3 and JOUA02H3]]

Exclusion: JOUC62H3

Breadth Requirement: Arts, Literature & Language

MDSC63H3 Media Ethics

Introduces students to ethical issues in media. Students learn theoretical aspects of ethics and apply them to media industries and practices in the context of advertising, public relations, journalism, mass media entertainment, and online culture.

Same as JOUC63H3

Prerequisite: **ACMB01H3** and [[MDSA01H3 and MDSB05H3] or [JOUA01H3 and JOUA02H3]]

Exclusion: JOUC63H3

Breadth Requirement: History, Philosophy & Cultural Studies

MDSC64H3 Film Media and Technology

From the first depiction of a cyborg in *Metropolis* (1927) to the Web-based surveillance devices of *Minority Report* (2002), film is **Media are** central to organizing cultural discourse **around about new media and technology and the future**. This course examines how the popularization of both real and imagined technologies in various **films media forms** contributes to cultural attitudes that attend the introduction and social diffusion of new technologies.

Prerequisite: **ACMB01H3** and 2.0 credits at the B-level in MDS courses

Breadth Requirement: Arts, Literature & Language

MDSC65H3 Online Games and Virtual Worlds

This course introduces students to the academic study of online games and virtual worlds. Students develop critical awareness and understanding of immersive virtual technologies and

their implications for social, cultural, political and economic life. Classes will be conducted in the UTSC Innovation Media Lab, a virtual world and learning environment.

Prerequisite: **ACMB01H3** and 2.0 credits at the B-level in MDS courses.

Breadth Requirement: Arts, Literature & Language

MDSC71H3 Media and Religion

The advancement of religious concepts and movements has consistently been facilitated - and contested - by contemporaneous media forms, and this course considers the role of media in the creation, development, and transmission of religion(s), as well as the challenges posed to modern religiosities in a digital era.

Prerequisite: **ACMB01H3** and 2.0 credits at the B-level in MDS courses

Breadth Requirement: History, Philosophy & Cultural Studies

MDSC85H3 Movies, Music and Meaning

This course examines the synergistic relationship between the moving image and music and how these synergies result in processes of meaning-making and communication. Drawing on readings in cultural theory, cultural studies, musicology and film studies, the course considers examples from the feature film, the Hollywood musical, and the animated cartoon.

Same as VPMC85H3

Prerequisite: **ACMB01H3** and [[2.0 credits at the B-level in MDS courses] or [2.0 credits at the B-level in VPM courses]]

Exclusion: VPMC85H3

Enrolment Limits: 50

Breadth Requirement: Arts, Literature & Language

NOTE: No specialist knowledge in musicology or film studies required.

Course change – VPMA90H3

Rationale:

The shift from A to B-level clarifies the relationship of this course to its prerequisite, VPMA95H3 (Elementary Musicianship I), and establish its relationship to the next course in the sequence of Materials of Music courses, VPMB90H3 (Materials of Music II). There is no impact on course learning outcomes, topics covered or methods of assignment. Changes to the prerequisite and exclusions are necessitated by the level change.

Calendar Copy Showing Changes:

VPMA90H3 VPMB88H3 Materials of Music I

The basic materials of music from the Middle Ages to the present, including elementary harmony, musical forms, introductory analytical and compositional techniques and aural training.

Prerequisite: [VPMA95H3 or ~~Royal Conservatory Grade II Rudiments or equivalent~~] [Grade 12 Music or equivalent]] and [0.5 credit in Performance]

Exclusion: (VPMA90H3)

Breadth Requirement: Arts, Literature & Language

Course change – VPMA99H3

Rationale:

The course is being moved from the A to B-level as part of an effort to clarify the relationship of our courses and their appropriate sequencing. While A-level courses provide a broad-based introduction to music in culture, courses at the B-level are the appropriate place for a more specific area of study and of specific cultures. Currently, VPMA99H3 picks up from the introduction of various musics, styles, and traditions, along with foundational music skills such as active listening and key vocabulary found in VPMA93H3 (which has been included as Recommended Preparation), and consequently is more properly designated as a B-level course. The changes to the prerequisites and exclusions are necessitated by the level change.

Calendar Copy Showing Changes:

VPMA99H3 VPMB99H3 Music of the World's Peoples

An introduction to music from different parts of the world, including folk, popular, religious and classical traditions. This course aims to help students appreciate and understand music as a global phenomenon, and its important role in social and cultural life. Audio-visual materials feature prominently. No previous musical experience is necessary.

Exclusion: (VPMA99H3), MUS200H

Recommended Preparation: VPMA93H3

Breadth Requirement: Social & Behavioural Sciences

Course change – VPMB78H3

Rationale:

The course level is being moved from the B- to the C-level as part of an effort to clarify the relationship of our courses and their appropriate sequencing. While the B-level provides a broadly based introduction to music in culture, the C-level is the appropriate place for the study of specific cultures. In this case, VPMC78H3 looks at the Gamelan in Bali. There are no changes in the learning outcomes, topics covered or methods of assessment. The changes to the prerequisites and exclusions are necessitated by the level change.

Calendar Copy Showing Changes:

VPMB78H3 VPMC78H3 Balinese Gamelan: Performance and Context

An introduction to the repertory and performance of Balinese Gamelan. Combines practical music-making and academic study. Students will learn to play the Balinese Gamelan - an orchestra of bronze percussion instruments - and examine the integral function of gamelan in Balinese cultural, ceremonial, and religious life.

Prerequisite: ACMB01H3 and [VPMB99H3 or (VPMA99H3)] and [an additional 1.0 credit at the B-level in VPM courses]

Exclusion: (VPMB78H3)

Recommended Preparation: VPMA99H3

Breadth Requirement: Arts, Literature & Language

Course change – VPMB82H3

Rationale:

The changes proposed here return the course to its original scope; that is, music in the modern and contemporary world, thereby covering both popular and art music. This is a much better fit with the logical sequence of courses that is being proposed for 2016-17, where B-level courses provide a broad introduction to music and culture with more specific cultures and themes found in C-level courses. The prerequisite, VPMA93H3, is a foundational course for the B-level culture courses; VPMA90H3 is replaced by the co-requisite of its new form, VPMB88H3.

Calendar Copy Showing Changes:

VPMB82H3 ~~Art Music in the Modern and Contemporary Eras~~ World

An examination of art and popular music in Western society. ~~during the period ca. 1900 to the present. Through deep listening and score study we investigate~~ This course integrates close analysis of selected compositions with a study of the cultural, historical, political and social, ~~cultural, and political~~ contexts of music-making ~~during this period~~ as experienced in the modern and contemporary world.

Prerequisite: ~~VPMA90H3 and~~ VPMA93H3

Corequisite: VPMB88H3 or (VPMA90H3)

Exclusion: (VPMB89H3)

Breadth Requirement: History, Philosophy & Cultural Studies

Course change – VPMB90H3

Rationale:

The revised course description is more specific as to the course content, indicating the relationship to the sequence of courses on the materials of music. The prerequisite is being revised because VPMA90H3 is being changed to VPMB88H3 and the prerequisite for a RCM harmony course is no longer valid because it is not aligned with the current course content.

Calendar Copy Showing Changes:

VPMB90H3 ~~Materials of Music I~~ Materials of Music II

~~A continuation of VPMA90H3.~~ Further study of the basic materials of music with increased emphasis on composition.

Prerequisite: ~~VPMA90H3 or Royal Conservatory Grade III harmony or equivalent.~~ VPMB88H3

Breadth Requirement: Arts, Literature & Language

Course change – VPMB94H3

Rationale:

This course focuses on the study of a specific genre of music, and consequently is better suited to the C-level. The changes to the prerequisites and exclusions are necessitated by the level change.

Calendar Copy Showing Changes:

VPMB94H3 ~~VPM94H3~~ VPMC94H3 Jazz

A history of jazz from its African and European roots to present day experiments. Surveys history of jazz styles, representative performers and contexts of performance.

No previous musical experience is required.

Prerequisite: [ACMB01H and VPMB82H3] and [an additional 1.0 credit at the B-level in VPM courses]

Exclusion: (VPMB94H3)

Breadth Requirement: History, Philosophy & Cultural Studies

Course change – VPMC85H3

Rationale:

ACMB01H3 is being added to the prerequisites because it ensures students have developed the communication and writing skills they will need to be successful in these C-level courses.

Calendar Copy Showing Changes:

VPMC85H3 Movies, Music and Meaning

This course examines the synergistic relationship between the moving image and music and how these synergies result in processes of meaning-making and communication. Drawing on readings in cultural theory, cultural studies, musicology and film studies, the course considers examples from the feature film, the Hollywood musical, and the animated cartoon.

Same as MDSC85H3

Prerequisite: ACMB01H3 and [[2.0 credits at the B-level in MDS courses] or [2.0 credits at the B-level in VPM courses]]

Exclusion: MDSC85H3

Enrolment Limits: 50

Breadth Requirement: Arts, Literature & Language

NOTE: No specialist knowledge in musicology or film studies required.

Course change – VPMC88H3

Rationale:

Changes to the course title and description are editorial, and are made to improve clarity. The prerequisites have been revised to reflect a new departmental practice to require ACMB01H3 (our writing course) for all C-level writing courses, as well as current offerings that provide necessary preparation for the course.

Calendar Copy Showing Changes:

VPMC88H3 Special Topics in Music and Culture

The investigation of an area of current interest and importance in musical scholarship. The topic to be examined will change from year to year and will be available in advance on the **course** **ACM department** website.

Prerequisite: [ACMB01H3 and VPMB82H3 and VPMB99H3] and [an additional 0.5 credit at the B-level in VPM courses] ~~VPMB90H3 and one course from the series [VPMB82H3 VPMB83H3]~~ or [(VPMB86H3) (VPMB89H3)]

Breadth Requirement: History, Philosophy & Cultural Studies

Course change – VPMC89H3

Rationale:

Changes to the title and course description simplify and clarify the main thrust of the course, that is, the politics of identity, which was more than buried in the existing course description. The change to the prerequisites responds to a new departmental practice to require ACMB01H3 (our writing course) for all C-level writing courses. Further, the major modifications to the Major program in Music and Culture lead to specifying the other B-level courses. The result is a much clearer and better defined background for this course.

Calendar Copy Showing Changes:

VPMC89H3 Music and Identity Politics

An inquiry into the politics of identity (gender, sexuality, race, class etc.) in music. how music functions as a political force both historically and in contemporary society. Introducing students to uses of music that both reflect and shape various political positions, the course draws on methodologies from political science, history, classical studies, anthropology, cultural and literary theory.

Prerequisite: At least 1.0 full credit in Humanities at the B-level. ACMB01H3 and VPMB82H3 and VPMB99H3 and [an additional 0.5 credit at the B-level in VPM courses]

Breadth Requirement: History, Philosophy & Cultural Studies

Course change – VPMC90H3

Rationale:

The revised course description is more specific as to the course content, indicating the relationship to the sequence of courses on the materials of music. The expansion of the prerequisite will help ensure that students have an appropriate musical background and maturity for this C-level course. This is part of a program-wide effort to clarify the progression from course to course and level to level.

Calendar Copy Showing Changes:

VPMC90H3 Materials of Music III

A continuation of VPMB90H3, More advanced study of the materials of music with an emphasis on composition analysis.

Prerequisite: VPMB90H3 and [an additional 1.0 credit at the B-level in VPM courses]

Breadth Requirement: Arts, Literature & Language

Course change – VPMC91H3

Rationale:

The change to the title signals the relationship to the new C-level course, Electronic Music II. The additional information regarding labs and lectures affirms that this course balances theoretical and practical studies. The change to the prerequisites responds to a new departmental practice to require ACMB01H3 (our writing course) for all C-level writing courses, as well as major modifications to the Major program in Music and Culture. The result is a much clearer and better defined background for this C-level course. The change in the enrolment limits is consistent with the capacity of the lab.

Calendar Copy Showing Changes:

VPMC91H3 Introduction to Electronic Music I

An introduction to understanding electronic, electroacoustic and computer generated music and developing creative skills in these media through theoretical, aesthetic, and practical perspectives.

This course is lab and lecture based.

Prerequisite: ACMB01H3 and VPMB90H3; and at least one other [an additional 1.0 credit at the B-level in VPM courses] at the B-level

Recommended Preparation: VPMB82H3

Enrolment Limits: 12 20

Breadth Requirement: Arts, Literature & Language

Course change – VPMC95H3

Rationale:

The geographic location of the musical diasporas is left open in the new version of this course in order to make it more flexible with regard to potential instructors. There are no significant change in learning outcomes, topics covered, or methods of assessment. The prerequisite has been revised to better suit it to a course at the C-level.

Calendar Copy Showing Changes:

VPMC95H3 Musical Diasporas in Canada and the USA

This course examines the unique role of music and the arts in the construction and maintenance of transnational identity in the North American diaspora. Examples under study will cover a wide range of communities (e.g. Asian, Caribbean and African) and places (e.g. Los Angeles, Toronto and Detroit).

Prerequisite: ACMB01H3 and [VPMB99H3 or (VPMMA99H3)] & and [1.0 an additional full 1.0 credit in VPM courses] at the B-level [in VPM courses]

Breadth Requirement: Social & Behavioural Sciences

Course change – VPMC97H3

Rationale:

The change to the prerequisites is consistent with the original note regarding priority for Music and Media Studies students and confirms that a background in Media Studies or Music is appropriate to the course; this is reinforced in the NOTE. The increase to 2.0 B-level credits ensures that the students have the background and maturity for this C-level course.

Calendar Copy Showing Changes:

VPMC97H3 Music, Technologies, Media

An exploration of music's relationships to media and technology, and how these shape musical practices, consumption, and understanding in historical and contemporary contexts. Topics include music printing, music journalism, development of acoustic, mechanical, and electronic instruments, the recording industry, radio, electroacoustic and computer composition, and digital dissemination via the internet.

Prerequisite: ACMB01H3 and [[2.0 credits at the B-level in VPM courses] or [2.0 credits at the B-level in MDS courses]] At least 1.0 full credit at the B-level. Priority will be given to students in Music and Culture, and Media Studies programs.

Breadth Requirement: History, Philosophy & Cultural Studies

NOTE: No specialist knowledge in music or media studies required.

Course change – VPMD90H3

Rationale:

The more detailed prerequisites at the B-level in combination with the open C-level credits are aligned with the foundational courses in the associated area of Music and Society, where this course is the most advanced offering, and the need to ensure an appropriate level of Music studies to succeed in a D-level seminar.

Calendar Copy Showing Changes:

VPMD90H3 Critical Issues in Music and Society

An investigation into significant issues in music and society. Topics will vary but may encompass art, popular and world music. Issues may include music's relationship to technology, commerce and industry, identity, visual culture, and performativity. Through readings and case studies we consider music's importance to and place in society and culture.

Prerequisite: VPMB82H3 and VPMB99H3 and [1.05-credits] at the C-level in VPM courses]

Breadth Requirement: History, Philosophy & Cultural Studies

Course change – NMEA01H3

Rationale:

Students must now take NMEA01H3 in Year 2 of their studies. The prerequisite has been revised to reflect this change and MDSA01H3 and MDSA02H3 have been specified because students must take them before they can to the Major (Joint) program in New Media Studies.

Calendar Copy Showing Changes:

NMEA01H3 Digital Fundamentals

This course introduces basic hardware and software for new media. Students will learn basics of HTML (tags, tables and frames) and JavaScript for creation of new media. Discusses hardware requirements including storage components, colour palettes and different types of graphics (bitmap vs. vector-based). Students will be introduced to a variety of software packages used in new media production. **This course is taught at Centennial College.**

Prerequisite: ~~1.0 full credits~~ 5.0 credits including MDSA01H3 and MDSA02H3

Corequisite: NMEA02H3, NMEA03H3, NMEA04H3

Enrolment Limits: 35. This course is only open to students registered in the Joint Major Program in New Media.

Breadth Requirement: Social & Behavioural Sciences

Course change – NMEA02H3

Rationale:

Students must now take NMEA02H3 in Year 2 of their studies. The prerequisite has been revised to reflect this change and MDSA01H3 and MDSA02H3 have been specified because students must take them before they can to the Major (Joint) program in New Media Studies.

Calendar Copy Showing Changes:

NMEA02H3 Introduction to New Media Communications

This course enables students to develop strong written communications skills for effective project proposals and communications, as well as non-linear writing skills that can be applied to a wide range of interactive media projects. The course examines the difference between successful writing for print and for new media, and how to integrate text and visual material. **This course is taught at Centennial College.**

Prerequisite: ~~10 full credits~~ **5.0 credits including MDSA01H3 and MDSA02H3**

Corequisite: [NMEA01H3](#), [NMEA03H3](#), [NMEA04H3](#)

Enrolment Limits: 35. This course is only open to students registered in the Joint Major Program in New Media.

Breadth Requirement: History, Philosophy & Cultural Studies

Course change – NMEA03H3

Rationale:

Students must now take NMEA03H3 in Year 2 of their studies. The prerequisite has been revised to reflect this change and MDSA01H3 and MDSA02H3 have been specified because students must take them before they can to the Major (Joint) program in New Media Studies.

Calendar Copy Showing Changes:

NMEA03H3 The Language of Design

This course introduces the fundamentals of two-dimensional design, graphic design theory, graphic design history, colour principles, typographic principles and visual communication theories applied to New Media Design. Working from basic form generators, typography, two-dimensional design principles, colour and visual communication strategies, learners will be introduced to the exciting world of applied graphic design and multi-media. **This course is taught at Centennial College.**

Prerequisite: ~~10 full credits~~ **5.0 credits including MDSA01H3 and MDSA02H3**

Corequisite: [NMEA01H3](#), [NMEA02H3](#), [NMEA04H3](#)

Enrolment Limits: 35. This course is only open to students registered in the Joint Major Program in New Media.

Breadth Requirement: Arts, Literature & Language

Course change – NMEA04H3

Rationale:

Students must now take NMEA04H3 in Year 2 of their studies. The prerequisite has been revised to reflect this change and MDSA01H3 and MDSA02H3 have been specified because students must take them before they can to the Major (Joint) program in New Media Studies.

Calendar Copy Showing Changes:

NMEA04H3 Interface Design, Navigation and Interaction I

This course introduces students to the discipline of user interface and software design, and in particular their impact and importance in the world of new media. The course uses theory and research in combination with practical application, to bring a user-centred design perspective to developing new media software. **This course is taught at Centennial College.**

Prerequisite: ~~10 full credits~~ **5.0 credits including MDSA01H3 and MDSA02H3**

Corequisite: NMEA01H3, NMEA02H3, NMEA03H3

Enrolment Limits: 35. This course is only open to students registered in the Joint Major Program in New Media.

Breadth Requirement: Arts, Literature & Language

Course change – VPSA61H3

Rationale:

Updated exclusion to include equivalent UTM course.

Calendar Copy Showing Changes:

VPSA61H3 Painting I

An investigation of the basic elements and concepts of painting through experimentation in scale and content.

Corequisite: VPSA62H3 and VPSA63H3

Exclusion: (VPSB61H3), VIS201H1, **FAS145H**

Enrolment Limits: 20 per section

Breadth Requirement: Arts, Literature & Language

Course change – VPSA62H3

Rationale:

Updated UTSG equivalent.

Calendar Copy Showing Changes:

VPSA62H3 Foundation Studies in Studio

An introduction to the importance of content and context in the making of contemporary art.

Corequisite: VPSA63H3

Exclusion: VIS130H, **JAV130H**

Enrolment Limits: 20 per section

Breadth Requirement: Arts, Literature & Language

Course change – VPSA63H3

Rationale:

Updated exclusions to include UTSG and UTM courses.

Calendar Copy Showing Changes:

VPSA63H3 But Why Is It Art?

This introductory seminar examines the key themes, concepts, and questions that affect the practice of contemporary art. We will look at specific cases in the development of art and culture since 1900 to understand why and how contemporary art can exist as such a wide-ranging set of forms, media and approaches.

Exclusion: VIS120H, **JAV120H**, **VST101H**

Breadth Requirement: History, Philosophy & Cultural Studies

Course change – VPSA70H3

Rationale:

Updated exclusion to include equivalent UTM course.

Calendar Copy Showing Changes:

VPSA70H3 Drawing I

An investigation of the various approaches to drawing, including working from the figure and working with ideas.

Corequisite: VPSA62H3 and VPSA63H3

Exclusion: (VPSB70H3), VIS205H, **FAS143H**

Enrolment Limits: 20 per section

Breadth Requirement: Arts, Literature & Language

Course change – VPSA71H3

Rationale:

Added equivalent UTM course as an exclusion.

Calendar Copy Showing Changes:

VPSA71H3 Introduction to Sculpture

This course introduces students to the use of three-dimensional materials and processes for creating sculptural objects. Traditional and nontraditional sculptural methodologies and concepts will be explored.

Corequisite: VPSA62H3 and VPSA63H3

Exclusion: FAS248H

Enrolment Limits: 15

Breadth Requirement: Arts, Literature & Language

Course change – VPSA74H3

Rationale:

Updated exclusion to include equivalent UTM course.

Calendar Copy Showing Changes:

VPSA74H3 Digital Studio I

This hands-on, project-based class will investigate fundamental digital concepts common to photography, animation, and digital publishing practices. Students will learn general image

processing, composing, colour management, chromakey, and typographic tools for both on-line and print-based projects. These will be taught through Adobe Creative Suite software on Apple computers.

Corequisite: VPSA62H3 and VPSA63H3

Exclusion: VIS218H, **FAS147H**

Enrolment Limits: 20

Breadth Requirement: Arts, Literature & Language

Course change – VPSB62H3

Rationale:

Updated exclusion to include equivalent UTM courses (FAS245H5 Painting II).

Calendar Copy Showing Changes:

VPSB62H3 Painting II

A continuation of Painting I with an emphasis on images and concepts developed by individual students.

Prerequisite: VPSA61H3 or (VPSB61H3)

Exclusion: VIS220H, **FAS245H**

Enrolment Limits: 20

Breadth Requirement: Arts, Literature & Language

Course change – VPSB67H3

Rationale:

Updated exclusions to add UTSG and UTM FAS147H5 courses. Priority note has been deleted from the enrolment limit because it is no longer valid.

Calendar Copy Showing Changes:

VPSB67H3 Photo I

An introduction to fundamental photographic concepts including depth, focus, stopped time, lighting and photographic composition in contrast to similar fundamental concerns in drawing and painting. A practical and historical discourse on the primary conceptual streams in photography including various documentary traditions, staged photographs and aesthetic approaches from photographic modernism to postmodernism.

Prerequisite: VPSA74H4

Exclusion: (VPSA72H3) **VIS218H, FAS147H**

Enrolment Limits: 20. **Preference will be given to students in Arts Management Co-op, Humanities Co-op, Studio and VPA specialist programs.**

Breadth Requirement: Arts, Literature & Language

Course change – VPSB72H3

Rationale:

Revision to course description to better capture the learning objectives of the course. Added UTSG exclusion.

Calendar Copy Showing Changes:

VPSB72H3 Digital Publishing

A course for students interested in ~~designing and publishing artworks in digital formats such as e-books, short-run printed catalogues and blogs~~-using digital tools. The emphasis will be on ~~short-run printed catalogues, along with some exploration of e-books and blogs~~. Lessons will identify common editorial and image preparation concerns while introducing software for assembling images, videos, sounds, graphics, and texts into coherent and intelligently-designed digital publications. Creative solutions are expected.

Prerequisite: [VPSA62H3 and VPSA63H3] and [0.5 credit at the A-level in Studio courses]

Exclusion: VIS328H

Enrolment Limits: 20

Breadth Requirement: Arts, Literature & Language

Course change – VPSB73H3

Rationale:

The alternative prerequisite of [enrolment in the Minor in Curatorial Studies] opens the course to students in this new offering. Enrolment limit of 15 is preferable for the field trips and project in this course.

Calendar Copy Showing Changes:

VPSB73H3 Curatorial Perspectives I

This course is designed to offer students direct encounters with artists and curators through studio and gallery visits. Field encounters, written assignments, readings and research focus on contemporary art and curatorial practices. The course will provide skills in composing critical views, artist statements, and writing proposals for art projects.

Prerequisite: [[VPSA62H3 and VPSA63H3] and [0.5 credit at the A-level in Studio courses]] or [enrolment in the Minor in Curatorial Studies]

Enrolment Limits: ~~20~~-15

Breadth Requirement: Arts, Literature & Language

Course change – VPSB74H3

Rationale:

VPSB70H3 has been deleted from the prerequisites because the course was closed in 2006-2007. Added UTM exclusion.

Calendar Copy Showing Changes:

VPSB74H3 Drawing II

A continuation of VPSA70H3 with an increased emphasis on the student's ability to expand her/his personal understanding of the meaning of drawing.

Prerequisite: VPSA62H3 & and VPSA63H3 & and [VPSA70H3 or (VPSB70H3)]

Exclusion: VIS211H, FAS243H

Enrolment Limits: 20

Breadth Requirement: Arts, Literature & Language

Course change – VPSB75H3

Rationale:

Added exclusions for overlapping UTSG and UTM courses.

Calendar Copy Showing Changes:

VPSB75H3 Photo II

A studio course in digital photography as it relates to the critical investigation of contemporary photo-based art.

Prerequisite: VPSB67H3

Exclusion: VIS318H, FAS247H

Enrolment Limits: 15

Breadth Requirement: Arts, Literature & Language

Course change – VPSB80H3

Rationale:

Updated exclusion to include equivalent UTM course.

Calendar Copy Showing Changes:

VPSB80H3 Digital Studio II

An in-depth investigation of digital imaging technologies for serious studio artists and new media designers. Emphasis is placed on advanced image manipulation, seamless collage, invisible retouching and quality control techniques for fine art production. Project themes will be drawn from a critical analysis of contemporary painting and photo-based art.

Prerequisite: VPSA74H3

Exclusion: VIS318H, FAS247H

Recommended Preparation: VPSB67H3

Enrolment Limits: 20

Breadth Requirement: Arts, Literature & Language

Course change – VPSB83H3

Rationale:

Updated exclusion to include equivalent UTM course.

Calendar Copy Showing Changes:

VPSB83H3 Art and Activism

This course will explore contemporary artistic practices that blur the boundary between art and activism. We will examine how artists address political issues and the techniques they use to reach different types of audiences. Students will do research and develop projects that address specific local issues and wider social concerns.

Prerequisite: VPSA62H3 & VPSA63H3 & 0.5 full credit in Studio at the A-level

Exclusion: VIS307H, VIS310H

Enrolment Limits: 20

Breadth Requirement: Social & Behavioural Sciences

Course change – VPSB88H3

Rationale:

Prerequisite revised to be consistent with other B-level courses.

Calendar Copy Showing Changes:

VPSB88H3 Sound Art

Students will be introduced to sound as a medium for art making. Listening, recording, mapping, editing, and contextualizing sounds will be the focus of this course. Sound investigations will be explored within both contemporary art and experimental sound/music contexts.

Prerequisite: [VPSA62H3 and VPSA63H3] and [0.5 credit at the A-level in VPS courses]

Enrolment Limits: 15

Breadth Requirement: Arts, Literature & Language

Course change – VPS C-levels

Rationale:

ACMB01H3 is being added to the prerequisites because it ensures students have developed the communication and writing skills they will need to be successful in these C-level courses.

Calendar Copy Showing Changes:

VPSC04H3 "Live!"

"Live!" investigates interdisciplinary modes of contemporary performance. Within a studio context, this course serves as an advanced exploration of 21st century Live Art. This interactive course reviews the dynamics of time, space and existence, and asks fundamental questions about the body and performance.

Prerequisite: [VPHA46H3 and VPSB77H3] and [0.5 credit at the B-level in Studio or TAPS courses]; **students enrolled in the Specialist and Major programs in Studio must also complete ACMB01H3**

Exclusion: (VPDC06H3), (VPSC57H3), (VPAC04H3)

Enrolment Limits: 12

Breadth Requirement: Arts, Literature & Language

VPSC52H3 Documentary Video

This course is designed to introduce students to documentary video approaches in video art. Students will gain insight into the history and development of the experimental documentary genre through screenings, readings, and field trips. The course will provide students with the opportunity to research, develop, and produce a short documentary project.

Prerequisite: VPHA46H3 and VPSB76H3; **students enrolled in the Specialist and Major programs in Studio must also complete ACMB01H3**

Enrolment Limits: 20

Breadth Requirement: Arts, Literature & Language

VPSC69H3 Theory and Practice: Art in a Globalizing World

This course will focus on the influence of global visual culture on contemporary art practices; exploring how artists respond to orientalism, colonial histories, migration, media, tourism, and

the international art world. The culturally diverse backgrounds of students and their understanding of global media will be starting points for studio projects.

Prerequisite: VPHA46H3 and [1.0 credit at the B-level in Studio courses]; **students enrolled in the Specialist and Major programs in Studio must also complete ACMB01H3**

Exclusion: VIS325H

Enrolment Limits: 15

Breadth Requirement: History, Philosophy & Cultural Studies

VPSC71H3 Performing with Cameras

This course investigates the relationship of the body to the camera. Using both still and video cameras and live performance students will create works that unite the performative and the mediated image. The course will cover how the body is framed and represented in contemporary art, advertising and the media.

Prerequisite: VPHA46H3 and [1.0 credit at the B-level in Studio courses]; **students enrolled in the Specialist and Major programs in Studio must also complete ACMB01H3**

Recommended Preparation: VPSB77H3 or VPSB67H3 or VPSB76H3

Enrolment Limits: 15

Breadth Requirement: Arts, Literature & Language

VPSC75H3 Advanced Sculpture

Advanced Sculpture will provide students with an opportunity for a deeper investigation into various materials and fabrication techniques. This course will focus on the theory and practice of object making through studio assignments that develop a critical and technical literacy towards both traditional and non-traditional sculpture materials.

Prerequisite: VPHA46H3 and [VPSB63H3 or VPSB73H3 or VPSB86H3]; and an additional 0.5 credit at the B-level in Studio-; **students enrolled in the Specialist and Major programs in Studio must also complete ACMB01H3**

Enrolment Limits: 15

Breadth Requirement: Arts, Literature & Language

VPSC89H3 Digital Animation II

A project based course, building upon concepts developed in VPSB89H3 Introduction to Digital Animation. Students will refine their control of sound, movement, and image quality. This course will also introduce three-dimensional wire frame and ray-tracing techniques for constructing convincing 3-D animated objects and scenes as they apply to contemporary artistic practices.

Prerequisite: VPHA46H3 and VPSB89H3; **students enrolled in the Specialist and Major programs in Studio must also complete ACMB01H3**

Enrolment Limits: 20

Breadth Requirement: Arts, Literature & Language

Course change – VPSC51H3

Rationale:

ACMB01H3 is being added to the prerequisites because it ensures students have developed the communication and writing skills they will need to be successful in these C-level courses. The alternative prerequisite of [enrolment in the Minor in Curatorial Studies] opens the course to students in this new offering.

Calendar Copy Showing Changes:

VPSC51H3 Curatorial Perspectives II

This course focuses on the finer details of curating and contemporary art. Students will delve into the work of selected artists and curators with an emphasis on the conceptual and philosophical underpinnings of their projects. Term work will lead to a professionally curated exhibition organized by students.

Prerequisite: [VPHA46H3 and VPSB73H3]; students enrolled in the Specialist and Major programs in Studio must also complete ACMB01H3] or [enrolment in the Minor in Curatorial Studies]

Enrolment Limits: ~~20~~15

Breadth Requirement: Arts, Literature & Language

Course change – VPSC53H3

Rationale:

ACMB01H3 is being added to the prerequisites because it ensures students have developed the communication and writing skills they will need to be successful in these C-level courses.

Calendar Copy Showing Changes:

VPSC53H3 Kinetic Sculpture

Students will produce art projects using mechanical principles to create sculptural forms that change over time. Students will be encouraged to use altered machines, simple electronic components and a wide range of materials.

Prerequisite: [VPHA46H3 and VPSB86H3] and [an additional 0.5 credit at the B-level in Studio VPS courses]; students enrolled in the Specialist and Major programs in Studio must also complete ACMB01H3

Exclusion: (VPSB64H3)

Enrolment Limits: 15

Breadth Requirement: Arts, Literature & Language

Course change – VPSC54H3

Rationale:

ACMB01H3 is being added to the prerequisites because it ensures students have developed the communication and writing skills they will need to be successful in these C-level courses.

Updated exclusion to include equivalent UTM course.

Calendar Copy Showing Changes:

VPSC54H3 Painting III

An advanced course for students who are able to pursue individual projects in painting, with a focus on contemporary practice and theory.

Prerequisite: [VPHA46H3 and VPSB62H3] and [an additional 0.5 credit at the B-level in Studio VPS courses]; students enrolled in the Specialist and Major programs in Studio must also complete ACMB01H3

Exclusion: VIS301H, FAS345Y

Enrolment Limits: 15
Breadth Requirement: Arts, Literature & Language

Course change – VPSC55H3

Rationale:

ACMB01H3 is being added to the prerequisites because it ensures students have developed the communication and writing skills they will need to be successful in these C-level courses. Exclusions are being updated to include UTSG and UTM courses.

Calendar Copy Showing Changes:

VPSC55H3 Drawing III

An advanced course for students who are able to pursue individual projects dealing with the complex relationships between drawing and other art practices like installation, painting and mixed media.

Prerequisite: [VPHA46H3 and VPSB74H3] and [an additional 0.5 credit at the B-level in Studio VPS courses]; **students enrolled in the Specialist and Major programs in Studio must also complete ACMB01H3**

Exclusion: VIS305H, **VIS308H, FAS343Y**

Enrolment Limits: 20

Breadth Requirement: Arts, Literature & Language

Course change – VPSC56H3

Rationale:

ACMB01H3 is being added to the prerequisites because it ensures students have developed the communication and writing skills they will need to be successful in these C-level courses. Exclusions are being updated to include a UTSG course. The enrolment limits have been revised to conform with other C-level courses.

Calendar Copy Showing Changes:

VPSC56H3 Studio Practice

A supervised course focused specifically on the development of the student's work from initial concept through to the final presentation. Students may work in their choice of media with the prior written permission of the instructor.

Prerequisite: VPHA46H3 and [3-5 **3.0** credits in Studio VPS courses including at least 1.0 credit at the B-level]; **students enrolled in the Specialist and Major programs in Studio must also complete ACMB01H3**

Exclusion: VIS311H, **VIS326H**

Enrolment Limits: ~~20~~ **15**

Breadth Requirement: Arts, Literature & Language

Course change – VPSC58H3

Rationale:

ACMB01H3 is being added to the prerequisites because it ensures students have developed the communication and writing skills they will need to be successful in these C-level courses. Exclusions have been updated to include a UTM course.

Calendar Copy Showing Changes:

VPSC58H3 Photo III

Focusing on both theory and practice, this is a portfolio-based course aimed at the development of idiosyncratic photographic styles and subject matter. Printing and presentation will form an important part of this portfolio's development. Students will research international networks, publications and institutions devoted to photographic discourse.

Prerequisite: VPHA46H3 & and VPSB80H3 & and VPSB75H3; students enrolled in the Specialist and Major programs in Studio must also complete ACMB01H3

Exclusion: VIS318H, FAS347Y

Enrolment Limits: 15

Breadth Requirement: Arts, Literature & Language

Course change – VPSC66H3

Rationale:

ACMB01H3 is being added to the prerequisites because it ensures students have developed the communication and writing skills they will need to be successful in these C-level courses.

Calendar Copy Showing Changes:

VPSC66H3 Theory and Practice: Two-Dimensional Work

An exploration of ideas and practice with an emphasis on two-dimensional work, including digital imaging.

Prerequisite: VPHA46H3 and [at least 1.0 credit at the B-level in Studio VPS courses dealing with two dimensions]; students enrolled in the Specialist and Major programs in Studio must also complete ACMB01H3

Exclusion: VIS211H

Enrolment Limits: 15

Breadth Requirement: Arts, Literature & Language

Course change – VPSC68H3

Rationale:

ACMB01H3 is being added to the prerequisites because it ensures students have developed the communication and writing skills they will need to be successful in these C-level courses. Updated exclusion to include equivalent UTM course.

Calendar Copy Showing Changes:

VPSC68H3 Theory and Practice: Time-Based Work

An exploration of ideas and practice with an emphasis on time-based media: performance, video,

audio, time-based sculpture and installation.

Prerequisite: VPHA46H3 and [an additional 1.0 credit at the B-level in Studio VPS courses dealing with time-based media]; **students enrolled in the Specialist and Major programs in Studio must also complete ACMB01H3**

Exclusion: VIS303H, FAS349Y

Enrolment Limits: 15

Breadth Requirement: Arts, Literature & Language

Course change – VPSC70H3

Rationale:

ACMB01H3 is being added to the prerequisites because it ensures students have developed the communication and writing skills they will need to be successful in these C-level courses.

Calendar Copy Showing Changes:

VPSC70H3 Theory and Practice: New Media in Studio

Information technologies are radically and rapidly transforming our culture. Networking, robotics, GPS, ubiquitous computing, data mining, rfid, biotech, surveillance, sound installation, digital image processing and interactive display are all offering new opportunities for the artist as well as new critical issues to address. Students will create affordable projects that address these issues.

Prerequisite: VPHA46H3; and [1.0 credit from {VPSB76H3 or VPSB80H3

or VPSB86H3 or VPSB88H3 or VPSB89H3}]; **students enrolled in the Specialist and Major programs in Studio must also complete ACMB01H3**

Enrolment Limits: 15

Breadth Requirement: Arts, Literature & Language

Course change – VPSC73H3

Rationale:

ACMB01H3 is being added to the prerequisites because it ensures students have developed the communication and writing skills they will need to be successful in these C-level courses.

Exclusion has been revised to reflect current course overlap.

Calendar Copy Showing Changes:

VPSC73H3 Interdisciplinary Drawing Concepts

Interdisciplinary Drawing Concepts will extend drawing into a range of other media, allowing students to explore the sculptural, temporal and performative potential of mark-making.

Prerequisite: [VPHA46H3 and VPSB74H3] and [0.5 credit at the B-level in Studio courses];

students enrolled in the Specialist and Major programs in Studio must also complete ACMB01H3

Exclusion: ~~VIS323H~~ VIS308H

Enrolment Limits: 15

Breadth Requirement: Arts, Literature & Language

Course change – VPSD55H3

Rationale:

Updated exclusion to include equivalent UTM courses.

Calendar Copy Showing Changes:

VPSD55H3 Advanced Special Topics in Studio

Selected topics for intensive and focused practical and theoretical study in one area of specialization in studio. Topics will change from session to session.

Prerequisite: 1.5 credits at the C-level in Studio courses

Exclusion: VIS401H, VIS402H, VIS403H, VIS404H, VIS410H, **FAS450Y, FAS451H, FAS452H**

Enrolment Limits: 15

Course change – VPSD56H3

Rationale:

Updated exclusions to include equivalent UTM courses and remove VIS326H, which is an exclusion for VPSC56H3 Studio Practice. Revised enrolment limits to conform to other D-level Studio courses.

Calendar Copy Showing Changes:

VPSD56H3 Advanced Studio Practice

An advanced course for students ready to work independently on their own projects. Students will be expected to work on their projects from conception to a final exhibition in the student-run gallery. Students may work in their choice of media with the written permission of the instructor.

Prerequisite: 1.5 full credits at the C-level in Studio.

Exclusion: ~~VIS326H~~, VIS401H, VIS402H, VIS403H, VIS404H, **FAS450Y, FAS451H, FAS452H**

Enrolment Limits: ~~20~~ **15**

Course change – VPSD57H3

Rationale:

Updated exclusion to include equivalent UTM courses. Revised enrolment limits to conform to other D-level Studio course enrolment caps.

Calendar Copy Showing Changes:

VPSD57H3 Advanced Seminar: Interdisciplinary Practice

An opportunity for students in VPS to explore aspects of contemporary inter-media practice and theory. Students will make work in their choice of media with the written permission of the instructor.

Prerequisite: 1.5 full credits at the C-level in Studio.

Exclusion: VIS401H, VIS402H, VIS403H, VIS404H, **FAS450Y, FAS451H, FAS452H**

Enrolment Limits: ~~20~~ **15**

Course change – VPSD58H3

Rationale:

These are UTSG and UTM equivalent courses and should be identified as exclusions.

Calendar Copy Showing Changes:

VPD58H3 Advanced Seminar: Two-Dimensional Work

Students who have developed strong portfolios in painting, drawing or printmaking and intend to pursue professional exhibition careers will continue their investigations into two-dimensional expression and develop professional quality projects with thorough promotional strategies.

Prerequisite: 1.5 full credits at the C-level in Studio.

Exclusion: VIS401H, VIS402H, VIS403H, VIS404H, FAS450Y, FAS451H, FAS452H

Enrolment Limits: 15

Course change – VPD C-levels

Rationale:

ACMB01H3 is being added to the prerequisites because it ensures students have developed the communication and writing skills they will need to be successful in these C-level courses.

Calendar Copy Showing Changes:

VPDC01H3 Advanced Workshop: Performance

A continuation of the exploration of advanced performance techniques begun in VPDB02H3.

Prerequisite: VPDB01H3 & VPDB02H3 & ACMB01H3 & permission of the Theatre & Performance Teaching Staff

Exclusion: DRM400Y

Breadth Requirement: Arts, Literature & Language

VPDC02H3 Directing for the Theatre

The practical study of basic stage directing techniques in a workshop atmosphere. This course will provide students with the fundamental tools of the director's craft, through an investigation of the principles of script analysis, composition and staging, director/actor communication and rehearsal technique, and will culminate in the presentation of short plays.

Prerequisite: VPDB01H3 & VPDB02H3 & ACMB01H3 ~~plus~~ & an additional 1.0 credit ~~1 other full-credit~~ in Theatre & Performance Studies & permission of instructor

Enrolment Limits: 8

Breadth Requirement: Arts, Literature & Language

VPDC03H3 Technical Production II

A continuation of Technical Production I. Students will explore in greater depth the practical application of the technical elements of theatrical production. As part of the course, students will assume responsibility for some of the technical positions available in U of T Scarborough productions.

Prerequisite: VPDB03H3 and ACMB01H3

Breadth Requirement: Arts, Literature & Language

VPDC08H3 Physical Theatre

An exploration of a wide range of physical acting techniques such as mime, clown, mask performance, stage acrobatics, unarmed stage fighting, and so on. This course is designed to further advance students' performance skills by increasing their vocabulary of physical expression and theatrical communication.

Prerequisite: VPDB01H3 & and VPDB02H3 and ACMB01H3

Enrolment Limits: 12

Breadth Requirement: Arts, Literature & Language

VPDC20H3 Special Topics in Performance

Selected advanced topics for intensive practical study of some specific aspects of performance. The topics explored in this course will change from session to session.

Prerequisite: Any 3.0 full-credits in Theatre & Performance Studies and ACMB01H3 & and permission of the Program Director.

Enrolment Limits: 16

NOTE: Further information can be found on the ACM-Theatre & Performance Studies website.

Department of Biological Sciences

Note regarding consultation:

All changes have been approved by the Departmental Curriculum Committee, and reviewed by the Dean's Office. Where changes may have had an impact on outside academic units, appropriate consultation has taken place.

Program change: ***Specialist in Conservation and Biodiversity (BSc)***
 Major in Biology (BSc)
 Major in Conservation and Biodiversity (BSc)
 Major in Molecular Biology, Immunology and Disease (BSc)

Overview of Changes:

- MATA29H3 replaces MATA30H3 in all programs

Rationale:

The Department of Math and Computer Science is replacing MATA30H3 with MATA29H3 for Life Sciences and Environmental students.

Calendar Copy Showing Changes:

SPECIALIST PROGRAM IN CONSERVATION AND BIODIVERSITY (SCIENCE)

Supervisor: M. Andrade ***Email:*** biodiversity@utsc.utoronto.ca

This program presents a foundation for understanding how ecology and evolution shape organismal features (from morphology and physiology to behaviour) and the structure and function of communities and ecosystems. Ultimately these processes determine the broad patterns of organization of life on earth and biodiversity. The challenges to biodiversity are daunting. Habitat destruction, biological invasions and climate change are causing loss of species and disruption of ecosystems worldwide. Graduates are trained to understand and actively seek solutions to these problems. This program will show how ecological and evolutionary perspectives can be used to understand and predict the outcome of dynamic interactions among organisms, populations, species, and communities. Students will be well trained to take positions in government agencies, consulting firms or NGO's, able to continue with graduate studies in

science for academic careers; or able to pursue careers in business or law related to environmental issues, stewardship and sustainable development.

NOTE: This program has been renamed. It was formerly known as the Specialist in Biodiversity, Ecology & Evolution (B.Sc.).

Program Requirements

This program consists of 14.5 required credits.

A. Required Courses

First Year

1.0 Credit of Introductory Biology Courses

BIOA01H3 Life on Earth: Unifying Principles

BIOA02H3 Life on Earth: Form, Function and Interactions

1.0 Credit of Introductory Chemistry Courses

CHMA10H3 Introductory Chemistry I: Structure and Bonding

CHMA11H3 Introductory Chemistry II: Reactions and Mechanisms

1.0 Credit in Mathematics

MATA30H3 Calculus I for Biological and Physical Sciences

MATA29H3 Calculus I for the Life Sciences

MATA35H3 Calculus II for-Biological Sciences

0.5 Credit in Physics

Choose from:

PHYA10H3 Introduction to Physics IA

PHYA11H3 Introduction to Physics IB

0.5 Credit in Computer Science

Choose from:

CSCA08H3 Introduction to Computer Science I (most appropriate course for computer science students)

CSCA20H3 Introduction to Programming (most appropriate course for non-computer science students)

PSCB57H3 Introduction to Scientific Computing (this course could also be taken in second year)

Second Year

3.0 Credits of Biology Core Courses

BIOB10H3 Cell Biology

BIOB11H3 Molecular Aspects of Cellular and Genetic Processes

[BIOB34H3 Animal Physiology or (BIOB30H3) Mammalian Physiology I]

[BIOB38H3 Plants and Society or (BIOB31H3) Plant Physiology]

BIOB50H3 Ecology

BIOB51H3 Evolutionary Biology

0.5 Credit of Biology Core Labs

BIOB52H3 Ecology and Evolutionary Biology Laboratory

0.5 Credit in Statistics

Choose from:

STAB22H3 Statistics I

PSYB07H3 Data Analysis in Psychology

Third Year

2.0 Credits of C-level Ecology and Evolution Foundation Courses

BIOC16H3 Evolutionary Genetics and Genomics

BIOC50H3 Macroevolution

BIOC59H3 Advanced Population Ecology

BIOC61H3 Community Ecology and Environmental Biology

Third/Fourth Year

4.5 credits of C- & D-level courses from Bins 1 and 2 below. This must include at least one credit from each bin and at least one credit total at the D-level.

Bin 1: C- & D-level Ecology and Evolution Courses

Choose from:

BIOC51H3 Tropical Biodiversity Field Course

BIOC52H3 Ecology Field Course

BIOC58H3 Biological Consequences of Global Change

BIOC60H3 Winter Ecology

BIOC63H3 Conservation Biology

BIOC65H3 Environmental Toxicology

(BIOC67H3) Inter-University Biology Field Course

BIOD25H3 Genomics

BIOD52H3 Special Topics in Biodiversity and Systematics

BIOD54H3 Applied Conservation Biology

BIOD60H3 Spatial Ecology

BIOD62H3 Species and Speciation

BIOD66H3 Causes and Consequences of Biodiversity

BIOD67H3 Inter-University Biology Field Course

EESC04H3 Biodiversity and Biogeography

Bin 2: C- & D-level Organismal Biology Courses

Choose from:

BIOC37H3 Plants: Life on the Edge

(BIOC38H3) Plants and Society

BIOC40H3 Plant Physiology

BIOC54H3 Animal Behaviour

BIOC62H3 Role of Zoos in Conservation

BIOD26H3 Fungal Biology & Pathogenesis

BIOD33H3 Comparative Animal Physiology

BIOD37H3 Biology of Plant Stress

BIOD43H3 Animal Movement and Exercise

BIOD45H3 Animal Communication

BIOD48H3 Ornithology and Herpetology
BIOD53H3 Special Topics in Behavioural Ecology
EESC30H3 Microbial Biogeochemistry

B. Senior Research Courses (optional)

Students interested in graduate research are encouraged to take one or more of the independent research courses offered in Biological Sciences as part of their degree.

BIOD95H3 Supervised Study in Biology
BIOD98Y3 Directed Research in Biology
BIOD99Y3 Directed Research in Biology

MAJOR PROGRAM IN BIOLOGY (SCIENCE)

Supervisor: M. Andrade *Email:* biology-major@utsc.utoronto.ca

Biology is the study of life and this major program in Biology is meant to provide students with a solid basic knowledge of this vast discipline, while also allowing the student to tailor their program in the upper years toward one or more biological sub-disciplines. Many of the world's most important and timely issues (medical science and disease, conservation and biodiversity, food and energy supplies) are issues that require citizens to have a firm understanding of biological principles and practices.

Program Requirements

This program consists of 8.0 required credits.

First Year

1.0 Credit of Introductory Biology Courses

BIOA01H3 Life on Earth: Unifying Principles
BIOA02H3 Life on Earth: Form, Function and Interactions

1.0 Credit of Introductory Chemistry Courses

CHMA10H3 Introductory Chemistry I: Structure and Bonding
CHMA11H3 Introductory Chemistry II: Reactions and Mechanisms

0.5 Credit in Mathematics or Statistics

Choose from:

MATA30H3 Calculus I for Biological and Physical Sciences

MATA29H3 Calculus I for the Life Sciences

STAB22H3 Statistics I (this course could also be taken in second year)

PSYB07H3 Data Analysis in Psychology (this course could also be taken in second year)

Second Year

3.0 Credits of Biology Core Courses

BIOB10H3 Cell Biology

BIOB11H3 Molecular Aspects of Cellular and Genetic Processes

[BIOB34H3 Animal Physiology or (BIOB30H3) Mammalian Physiology I]

[BIOB38H3 Plants and Society or (BIOB31H3) Plant Physiology]

BIOB50H3 Ecology

BIOB51H3 Evolutionary Biology

0.5 Credit of Biology Core Labs

Choose from:

BIOB12H3 Cell and Molecular Biology Laboratory

BIOB32H3 Animal Physiology Laboratory

BIOB33H3 Human Development and Anatomy Laboratory

BIOB52H3 Ecology and Evolutionary Biology Laboratory

Third Year

1.5 Credits of Additional C-level Biology Courses

Choose from: Any BIO C-level courses offered by the department.

Note: that NROC34H3 (Neuroethology), EESC04H3 (Biodiversity and Biogeography) and EESC30H3 (Microbial Biogeochemistry) may also be used toward fulfilling this requirement.

Fourth Year

0.5 Credit of Additional D-Level Biology Courses

Choose from: Any BIO D-level courses offered by the department. **Note:** that this includes the Biology Supervised Studies and Directed Research courses (BIOD95H3, BIOD98Y3 & BIOD99Y3).

MAJOR PROGRAM IN CONSERVATION AND BIODIVERSITY (SCIENCE)

Supervisor: M. Andrade *E-mail:* biodiversity@utsc.utoronto.ca

This program provides background and training in modern biological approaches to the study of biodiversity, ecology, and evolution. The links between these fields are emphasized, and topics covered range from the structure and function of ecosystems to the evolution of behaviour, morphology, and physiology.

NOTE: This program has been renamed. It was formerly known as the Major in Biodiversity, Ecology & Evolution (B.Sc.).

Program Requirements

This program consists of 8.5 required credits.

First Year

1.0 Credit of Introductory Biology Courses

BIOA01H3 Life on Earth: Unifying Principles

BIOA02H3 Life on Earth: Form, Function and Interactions

1.0 Credit of Introductory Chemistry Courses

CHMA10H3 Introductory Chemistry I: Structure and Bonding

CHMA11H3 Introductory Chemistry II: Reactions and Mechanisms

0.5 Credit in Mathematics or Statistics

Choose from:

MATA30H3 Calculus I for Biological and Physical Sciences

MATA29H3 Calculus I for the Life Sciences

STAB22H3 Statistics I

PSYB07H3 Data Analysis in Psychology

Second Year

3.0 Credits of Biology Core Courses

BIOB10H3 Cell Biology

BIOB11H3 Molecular Aspects of Cellular and Genetic Processes

[BIOB34H3 Animal Physiology or (BIOB30H3) Mammalian Physiology I]

[BIOB38H3 Plants and Society or (BIOB31H3) Plant Physiology]

BIOB50H3 Ecology

BIOB51H3 Evolutionary Biology

0.5 Credit of Biology Core Labs

BIOB52H3 Ecology and Evolutionary Biology Laboratory

Third Year

1.0 Credit of Ecology & Evolution Foundation Courses

Choose from:

BIOC16H3 Evolutionary Genetics and Genomics

BIOC50H3 Macroevolution

BIOC59H3 Advanced Population Ecology

BIOC61H3 Community Ecology and Environmental Biology

1.0 Credit of Other C-level Courses

Choose from:

BIOC37H3 Plants: Life on the Edge

(BIOC38H3) Plants and Society

BIOC40H3 Plant Physiology

BIOC51H3 Tropical Biodiversity Field Course

BIOC52H3 Ecology Field Course

BIOC54H3 Animal Behaviour

BIOC58H3 Biological Consequences of Global Change

BIOC60H3 Winter Ecology

BIOC62H3 Role of Zoos in Conservation

BIOC63H3 Conservation Biology

BIOC65H3 Environmental Toxicology

(BIOC67H3) Inter-University Biology Field Course

EESC30H3 Microbial Biogeochemistry

Fourth Year

0.5 Credit of D-level Courses

Choose from:

BIOD25H3 Genomics

BIOD26H3 Fungal Biology & Pathogenesis

BIOD33H3 Comparative Animal Physiology

BIOD43H3 Animal Movement and Exercise

BIOD45H3 Animal Communication
BIOD48H3 Ornithology and Herpetology
BIOD52H3 Special Topics in Biodiversity and Systematics
BIOD53H3 Special Topics in Behavioural Ecology
BIOD54H3 Applied Conservation Biology
BIOD60H3 Spatial Ecology
BIOD62H3 Species and Speciation
BIOD66H3 Causes & Consequences of Biodiversity
BIOD67H3 Inter-University Biology Field Course
EESD15H3 Cleaning Up Our Mess: Remediation of Terrestrial and Aquatic Environments

MAJOR PROGRAM IN MOLECULAR BIOLOGY, IMMUNOLOGY AND DISEASE

Supervisor: S. Brunt *Email:* molecular-biology-immunology@utsc.utoronto.ca

This program provides training and background in general biology with the opportunity to concentrate on courses in upper years that are related to immunology, infection and disease. Upper year courses are available in microbiology, immunology, biochemistry and pathobiology of disease. This program is suitable for students with an interest in molecular biology and disease.

Program Requirements

This program consists of 8.0 credits. To complete their degree, students shall combine this Major program with another Major program, or two Minor programs (see section entitled Combining Majors in Biology in the preamble to the description of Biological Sciences programs). When selecting their course of studies, students should refer to the University of Toronto guidelines for program breadth and depth (see the Degrees section of this *Calendar*).

Required Courses and Suggested Sequence:

First Year

1.0 Credit of Introductory Biology Courses

BIOA01H3 Life on Earth: Unifying Principles

BIOA02H3 Life on Earth: Form, Function and Interactions

1.0 Credit of Introductory Chemistry Courses

CHMA10H3 Introductory Chemistry I: Structure and Bonding

CHMA11H3 Introductory Chemistry II: Reactions and Mechanisms

0.5 Credit in Calculus or Statistics

Choose from:

MATA30H3 Calculus I for Biological and Physical Sciences

MATA29H3 Calculus I for the Life Sciences

STAB22H3 Statistics I

PSYB07H3 Data Analysis in Psychology

Second Year

2.5 Credits of Biology Core Courses

BIOB10H3 Cell Biology
BIOB11H3 Molecular Aspects of Cellular and Genetic Processes
BIOB34H3 Animal Physiology
BIOB50H3 Ecology
BIOB51H3 Evolutionary Biology

0.5 Credit in a Biology Core Lab

Choose From:

BIOB12H3 Cell and Molecular Biology Laboratory
BIOB32H3 Animal Physiology Laboratory
BIOB33H3 Human Development and Anatomy

Third/Fourth Years

1.0 Credit of Required C-level Courses

BIOC17H3 Microbiology
BIOC39H3 Immunology

1.0 Credit of Additional C-level Courses

Choose from:

BIOC10H3 Cell Biology: Proteins from Life to Death
BIOC12H3 Biochemistry I: Proteins & Enzymes
BIOC13H3 Biochemistry II: Bioenergetics and Metabolism
BIOC14H3 Genes, Environment and Behaviour
BIOC15H3 Genetics
BIOC19H3 Animal Developmental Biology
BIOC31H3 Plant Development and Biotechnology

0.5 credit of Additional D-level Biology Courses

Choose from:

BIOD17H3 Seminars in Cellular Microbiology
BIOD19H3 Epigenetics in Health and Disease
BIOD23H3 Special Topics in Cell Biology
BIOD25H3 Genomics
BIOD26H3 Fungal Biology and Pathogenesis
BIOD27H3 Molecular Endocrinology
BIOD29H3 Pathobiology of Human Disease

Program change: ***Specialist in Integrative Biology (BSc)***
 Specialist in Human Biology
 Major in Human Biology

Overview of Changes:

- One for one replacement of MATA30H3 with MATA29H3 in all programs
- Add BIOD35H3 as an optional course to all programs

Rationale:

- The Department of Math and Computer Science is replacing MATA30H3 with MATA29H3 for Life Science and Environmental Science students.

- BIOD35H3 is a new course that is a suitable option in all three programs. The addition of this course will allow students in the program additional flexibility in completing requirements. In particular, the addition will expand options for fourth year courses, which is a particular need in our Department. Also the course offers training in a practical field, with hands-on learning in a superb new facility (TPASC), and we think it will be of great interest to students.

Calendar Copy Showing Changes:

SPECIALIST PROGRAM IN INTEGRATIVE BIOLOGY (SCIENCE)

Supervisor: M. Andrade *Email:* integrative-biology@utsc.utoronto.ca

In today's rapidly changing world, the development of solutions to combat some of the most pressing global challenges such as climate change, emerging diseases, hunger and species extinction, requires an integrative approach in which expertise is drawn from disparate biological and other disciplines. The specialist program in Integrative Biology provides the student with a solid knowledge base in key core and foundational areas of biology while also providing a breadth of knowledge to support more specialized studies and focused training in a range of disciplines (for examples, see below under "Routes to Specialization"). Students who complete this program will be well positioned for a career in many aspects of the biological sciences or to undertake further studies at the professional or graduate level.

Program Requirements

This program consists of 14.5 required credits including at least 4.0 credits at the C- or D-level of which at least 1.0 must be at the D-level.

A. Required Courses

First Year

1.0 Credit of Introductory Biology Courses

BIOA01H3 Life on Earth: Unifying Principles

BIOA02H3 Life on Earth: Form, Function and Interactions

1.0 Credit of Introductory Chemistry Courses

CHMA10H3 Introductory Chemistry I: Structure and Bonding

CHMA11H3 Introductory Chemistry II: Reactions and Mechanisms

1.0 Credit in Mathematics

MATA30H3 Calculus I for Biological and Physical Sciences

MATA29H3 Calculus I for the Life Sciences

MATA35H3 Calculus II for Biological Sciences

0.5 Credit in Physics

Choose from:

PHYA10H3 Introduction to Physics IA

PHYA11H3 Introduction to Physics IB

0.5 Credit in Computer Science

Choose from:

CSCA08H3 Introduction to Computer Science I (most appropriate course for computer science

students)

CSCA20H3 Introduction to Programming (most appropriate course for non-computer science students)

PSCB57H3 Introduction to Scientific Computing (this course could also be taken in second year)

Second Year

3.0 Credits of Biology Core Courses

BIOB10H3 Cell Biology

BIOB11H3 Molecular Aspects of Cellular and Genetic Processes

[BIOB34H3 Animal Physiology or (BIOB30H3) Mammalian Physiology I]

[BIOB38H3 Plants and Society or (BIOB31H3) Plant Physiology]

BIOB50H3 Ecology

BIOB51H3 Evolutionary Biology

0.5 Credit of Biology Core Labs

Choose from:

BIOB12H3 Cell and Molecular Biology Laboratory

BIOB32H3 Animal Physiology Laboratory

BIOB33H3 Human Development and Anatomy Laboratory

BIOB52H3 Ecology and Evolutionary Biology Laboratory

0.5 Credit in Statistics

Choose from:

STAB22H3 Statistics I

PSYB07H3 Data Analysis in Psychology

Third Year

1.5 Credits of Biology Foundation Courses

BIOC15H3 Genetics

BIOC17H3 Microbiology

BIOC54H3 Animal Behaviour

Third/Fourth Year

0.5 Credit of Advanced Courses in Physiology, Biochemistry and Neurobiology

Choose from:

BIOC12H3 Biochemistry I: Proteins and Enzymes

BIOC13H3 Biochemistry II: Bioenergetics and Metabolism

BIOC23H3 Practical Approaches to Biochemistry

BIOC32H3 Human Physiology I

BIOC33H3 Human Physiology II: Lecture and Laboratory

BIOC34H3 Human Physiology II: Lecture

BIOC39H3 Immunology

BIOC40H3 Plant Physiology

BIOC65H3 Environmental Toxicology

ANTC67H3 Foundations in Epidemiology

NROC34H3 Neuroethology

NROC61H3 Learning and Motivation

NROC64H3 Sensorimotor Systems
PSYC31H3 Clinical Neuropsychology
BIOD08H3 Theoretical Neuroscience
BIOD27H3 Molecular Endocrinology
BIOD29H3 Pathobiology of Human Disease
BIOD35H3 Sports Science
BIOD43H3 Animal Movement and Exercise
BIOD65H3 Pathologies of the Nervous System
NROD67H3 Psychobiology of Aging

0.5 Credit of Advanced Courses in Ecology and Conservation

Choose from:

BIOC50H3 Macroevolution
BIOC51H3 Tropical Biodiversity Field Course
BIOC52H3 Ecology Field Course
BIOC58H3 Biological Consequences of Global Change
BIOC59H3 Advanced Population Ecology
BIOC61H3 Community Ecology and Environmental Biology
BIOC62H3 Role of Zoos in Conservation
BIOC63H3 Conservation Biology
(BIOC67H3) Inter-University Biology Field Course
EESC04H3 Biodiversity and Biogeography
BIOD52H3 Special Topics in Biodiversity and Systematics
BIOD54H3 Applied Conservation Biology
BIOD60H3 Spatial Ecology
BIOD62H3 Species and Speciation
BIOD66H3 Causes and Consequences of Diversity
BIOD67H3 Inter-University Biology Field Course

0.5 Credit of Advanced Courses in Genes and Development

Choose from:

BIOC10H3 Cell Biology: Proteins from Life to Death
BIOC14H3 Genes, Environment and Behaviour
BIOC16H3 Evolutionary Genetics and Genomics
BIOC19H3 Animal Developmental Biology
BIOC31H3 Plant Development and Biotechnology
BIOD19H3 Epigenetics in Health and Disease
BIOD21H3 Advanced Molecular Biology Laboratory
BIOD22H3 Molecular Biology of the Stress Response
BIOD23H3 Special Topics in Cell Biology
BIOD25H3 Genomics

0.5 Credit of Advanced Courses in Organismal Biology

Choose from:

BIOC21H3 Vertebrate Histology: Cells and Tissues
(BGYC22H3) Vertebrate Histology: Organs
ANTD22H3 Theory and Methodology of Primatology

ANTC68H3 Deconstructing Epidemics
EESC30H3 Microbial Biogeochemistry
BIOC37H3 Plants: Life on the Edge
(BIOC38H3) Plants and Society
BIOC60H3 Winter Ecology
BIOD17H3 Seminars in Cellular Microbiology
BIOD26H3 Fungal Biology and Pathogenesis
BIOD29H3 Pathobiology of Human Disease
BIOD33H3 Comparative Animal Physiology
BIOD37H3 Biology of Plant Stress
BIOD45H3 Animal Communication
BIOD48H3 Ornithology and Herpetology
BIOD53H3 Special Topics in Behavioural Ecology

3.0 Credits of Additional C- or D-Level Biology Courses

Choose from:

Any BIO (or formerly BGY) C- or D-level courses offered by the department.

Note: this includes the Biology Team Research, Supervised Studies and Directed Research courses (BIOC99H3, BIOD95H3, BIOD98Y3 and BIOD99Y3).

Note: NROC34H3 (Neuroethology), EESC04H3 (Biodiversity and Biogeography) and EESC30H3 (Microbial Biogeochemistry) may also be used toward fulfilling this requirement, if not already used toward fulfilling one of the other requirements above.

B. Routes to Specialization (optional)

A key advantage of the specialist program in Integrative Biology is the ability for students to readily specialize in areas of particular interest. Please note that students are not required to follow any of these suggested routes. They are provided for guidance only.

- For students with a particular interest in "The Impact of Environment and Climate Change on the Biology of Ecosystems", you should consider including some or all of the following courses in your program: BIOB52H3 (Ecology and Evolutionary Biology Lab), BIOC52H3 (Ecology Field Course), BIOC58H3 (Biological Consequences of Global Change), BIOC59H3 (Advanced Population Ecology), BIOC60H3 (Winter Ecology), BIOC61H3 (Community Ecology and Environmental Biology) and (BIOC67H3) (Inter-University Biology Field Course).
- For students with a particular interest in "The Conservation and Biodiversity of Organisms", you should consider including some or all of the following courses in your program: BIOC51H3 (Tropical Biodiversity Field Course), BIOC62H3 (Role of Zoos in Conservation), BIOC63H3 (Conservation Biology), BIOD48H3 (Ornithology and Herpetology), BIOD52H3 (Special Topics in Biodiversity and Systematics), BIOD54H3 (Applied Conservation Ecology), BIOD60H3 (Spatial Ecology) & BIOD66H3 (Causes and Consequences of Biodiversity).
- For students with a particular interest in "Animal Physiology", you should consider including some or all of the following courses in your program: BIOB32H3 (Animal Physiology Laboratory), BIOC32H3 (Human Physiology I), BIOC33H3 or BIOC34H3 (Human Physiology II), BIOD29H3 (Pathobiology of Human Disease), BIOD33H3 (Comparative Animal Physiology), & BIOD43H3 (Animal Movement and Exercise).

- For students with a particular interest in "Ecophysiology", you should consider including some or all of the following courses in your program: BIOC65H3 (Environmental Toxicology), EESC30H3 (Microbial Biogeochemistry), BIOD33H3 (Comparative Animal Physiology) & BIOD37H3 (Biology of Plant Stress).
- For students with a particular interest in "Infection and Disease" or "clinically-oriented topics", you should consider including some or all of the following courses in your program: ANTC67H3 (Foundations in Epidemiology) or ANTC68H3 (Deconstructing Epidemics), BIOB33H3 (Human Development and Anatomy), BIOC21H3 (Vertebrate Histology: Cells and Tissues), BIOC33H3 or BIOC34H3 (Human Physiology II), BIOC39H3 (Immunology), BIOD17H3 (Seminars in Cellular Microbiology), BIOD25H3 (Genomics), BIOD26H3 (Fungal Biology and Pathogenesis), BIOD29H3 (Pathobiology of Human Disease) & BIOD65H3 (Pathologies of the Nervous System).
- For students with a particular interest in "Plant and Microbial Biology", you should consider including some or all of the following courses in your program: BIOC31H3 (Plant Development and Biotechnology), EESC30H3 (Microbial Biogeochemistry), BIOD17H3 (Seminars in Cellular Microbiology) and BIOD37H3 (Biology of Plant Stress).
- For students with a particular interest in "Behavioural Biology" you should consider including some or all of the following courses in your program: NROC34H3 (Neuroethology), BIOD45H3 (Animal Communication), BIOD53H3 (Special Topics in Behavioural Ecology) & NROC61H3 (Learning and Motivation).
- For students with a particular interest in "Behavioural Genetics", you should consider including some or all of the following courses in your program: BIOC16H3 (Evolutionary Genetics and Genomics), NROC34H3 (Neuroethology), BIOD21H3 (Advanced Molecular Biology Laboratory), BIOD22H3 (Molecular Biology of the Stress Response), BIOD23H3 (Special Topics in Cell Biology), BIOD25H3 (Genomics), BIOD45H3 (Animal Communication), and BIOD53H3 (Special Topics in Behavioural Ecology).
- For students with a particular interest in "The Evolution of Development" (a.k.a. "evo/devo"), you should consider including some or all of the following courses in your program: BIOC12H3 (Biochemistry I: Proteins and Enzymes), BIOC13H3 (Biochemistry II: Bioenergetics and Metabolism), BIOC16H3 (Evolutionary Genetics and Genomics), BIOC19H3 (Animal Developmental Biology), BIOC23H3 (Practical Approaches to Biochemistry), BIOC31H3 (Plant Development and Biotechnology), BIOC33H3 (Human Physiology II: Lecture and Laboratory) or BIOC34H3 (Human Physiology II: Lecture), BIOD21H3 (Advanced Molecular Biology Laboratory), BIOD22H3 (Molecular Biology of the Stress Response), BIOD23H3 (Special Topics in Cell Biology), & BIOD25H3 (Genomics).

SPECIALIST PROGRAM IN HUMAN BIOLOGY (SCIENCE)

Supervisor: M. Terebiznik *Email:* human-biology@utsc.utoronto.ca

The Human Biology specialist program provides a solid foundation of introductory science courses and core biology courses while emphasizing, in the upper years, issues related to human health, the nature of humans and their culture as well as the interaction of the human species with the environment. The first year of the program emphasizes introductory courses in biology, chemistry, calculus, physics and psychology. The second year of the program emphasizes core courses in cell biology, molecular biology, physiology, ecology, evolution and anatomy that provide the basis for continued specialization in the third and fourth years. The upper years of the

program emphasize specialized courses in anatomy, histology, anthropology, biochemistry, endocrinology, immunology, microbiology, physiology, psychology, pathology and pathobiology. This program is suited for those students who wish to go onto health-related fields such as medicine, dentistry, nursing, pharmacy, physiotherapy and health policy/management or graduate studies in these, and other, areas such as physiology, medicine and endocrinology.

Program Requirements

This Program consists of 15.5 credits.

Required Courses and Suggested Course Sequence

First Year

1.0 Credit of Introductory Biology Courses

BIOA01H3 Life on Earth: Unifying Principles

BIOA02H3 Life on Earth: Form, Function and Interactions

1.0 Credit of Introductory Chemistry Courses

CHMA10H3 Introductory Chemistry I: Structure and Bonding

CHMA11H3 Introductory Chemistry II: Reactions and Mechanisms

1.0 Credit of Mathematics

~~MATA30H3 Calculus I for Biological and Physical Sciences~~

MATA29H3 Calculus I for the Life Sciences

MATA35H3 Calculus II for Biological Sciences

1.0 Credit of Introductory Physics Courses

PHYA11H3 Introduction to Physics IB

PHYA22H3 Introduction to Physics IIB

1.0 Credit of Introductory Psychology Courses

PSYA01H3 Introductory Psychology: Part I

PSYA02H3 Introductory Psychology: Part II

Second Year

3.0 Credits of Biology Core Courses

BIOB10H3 Cell Biology

BIOB11H3 Molecular Aspects of Cellular and Genetic Processes

[BIOB34H3 Animal Physiology or (BIOB30H3) Mammalian Physiology I]

[BIOB38H3 Plants and Society or (BIOB31H3) Plant Physiology]

BIOB50H3 Ecology

BIOB51H3 Evolutionary Biology

1.0 Credit of Biology Core Labs

BIOB32H3 Animal Physiology Laboratory

BIOB33H3 Human Development and Anatomy Laboratory

1.0 Credit of Organic Chemistry Courses

CHMB41H3 Organic Chemistry I

CHMB42H3 Organic Chemistry II

Third/Fourth Years

2.0 Credits of C-level Biology Core Courses

BIOC15H3 Genetics

BIOC17H3 Microbiology

BIOC32H3 Human Physiology I

BIOC39H3 Immunology

1.5 Credits of Additional C-level Biology Courses

Choose From:

BIOC10H3 Cell Biology: Proteins from Life to Death

BIOC12H3 Biochemistry I: Proteins and Enzymes

BIOC13H3 Biochemistry II: Bioenergetics and Metabolism

BIOC14H3 Genes, Environment and Behaviour

BIOC16H3 Evolutionary Genetics and Genomics

BIOC19H3 Animal Developmental Biology

BIOC21H3 Vertebrate Histology: Cells and Tissues

[BIOC33H3 Human Physiology II: Lecture and Laboratory or BIOC34H3 Human Physiology II: Lecture]

BIOC40H3 Plant Physiology

BIOC58H3 Biological Consequences of Global Change

BIOC65H3 Environmental Toxicology

1.0 Credit of D-level Biology Courses

Choose From:

BIOD17H3 Seminars in Cellular Microbiology

BIOD19H3 Epigenetics in Health and Disease

BIOD26H3 Fungal Biology and Pathogenesis

BIOD27H3 Molecular Endocrinology

BIOD29H3 Pathobiology of Human Disease

BIOD33H3 Comparative Animal Physiology

BIOD35H3 Sports Science

BIOD37H3 Biology of Plant Stress

BIOD43H3 Animal Movement and Exercise

BIOD65H3 Pathologies of the Nervous System

0.5 Credit in Statistics

Choose From:

STAB22H3 Statistics I

PSYB07H3 Data Analysis in Psychology

0.5 Credit in Psychology or Health Studies

Choose From any B-, C- or D-level Psychology course, or from the Health Studies courses listed below:

HLTB15H3 Introduction to Health Research Methodology

HLTB16H3 Introduction to Public Health

HLTB17H3 Conceptual Models of Health

HLTB20H3 Contemporary Human Evolution and Variation

HLTB21H3 Infectious Diseases
HLTB22H3 Biological Determinants of Health
HLTB40H3 Health Policy and Health Systems

MAJOR PROGRAM IN HUMAN BIOLOGY (SCIENCE)

Supervisor: M. Terebiznik *Email:* human-biology@utsc.utoronto.ca

The Human Biology major program provides training and background in general biology with the opportunity to concentrate on courses in upper years that are related to human health. Upper year courses are available in physiology, cell and molecular biology, anatomy, microbiology, pathology, endocrinology, anthropology, psychology and biochemistry. This program is suitable for students with an interest in applied biology in health sciences or in social sciences related to human health.

Program Requirements:

This program consists of 8.5 credits.

Required Courses and Suggested Course Sequence

First Year

1.0 Credit of Introductory Biology Courses

BIOA01H3 Life on Earth: Unifying Principles

BIOA02H3 Life on Earth: Form, Function and Interactions

1.0 Credit in Introductory Chemistry Courses

CHMA10H3 Introductory Chemistry I: Structure and Bonding

CHMA11H3 Introductory Chemistry II: Reactions and Mechanisms

1.0 Credit in Introductory Psychology Courses

PSYA01H3 Introductory Psychology: Part I

PSYA02H3 Introductory Psychology: Part II

0.5 Credit in Mathematics or Statistics

Choose From:

~~MATA30H3 Calculus I for Biological and Physical Sciences~~

MATA29H3 Calculus I for the Life Sciences

STAB22H3 Statistics I

PSYB07H3 Data Analysis in Psychology

Second Year

2.5 Credits of Biology Core Courses

BIOB10H3 Cell Biology

BIOB11H3 Molecular Aspects of Cellular and Genetic Processes

[BIOB34H3 Animal Physiology or (BIOB30H3) Mammalian Physiology I]

BIOB50H3 Ecology

BIOB51H3 Evolutionary Biology

0.5 Credit in a Biology Core Lab

Choose From:

BIOB32H3 Animal Physiology Laboratory

BIOB33H3 Human Development and Anatomy

Third/Fourth Years

1.5 Credits of Additional C-Level Courses

Choose From:

BIOC10H3 Cell Biology: Proteins from Life to Death

BIOC14H3 Genes, Environment and Behaviour

BIOC15H3 Genetics

BIOC16H3 Evolutionary Genetics and Genomics

BIOC17H3 Microbiology

BIOC19H3 Animal Developmental Biology

BIOC21H3 Vertebrate Histology: Cells and Tissues

BIOC32H3 Human Physiology I

[BIOC33H3 Human Physiology II: Lecture and Laboratory or BIOC34H3 Human Physiology II: Lecture]

BIOC39H3 Immunology

BIOC58H3 Biological Consequences of Global Change

BIOC65H3 Environmental Toxicology

NROC61H3 Learning and Motivation

NROC64H3 Sensorimotor Systems

NROC69H3 Synaptic Organisation and Physiology of the Brain

0.5 Credit of Additional D-Level Biology Courses

Choose From:

BIOD08H3 Theoretical Neuroscience

BIOD17H3 Seminars in Cellular Microbiology

BIOD19H3 Epigenetics in Health and Disease

BIOD26H3 Fungal Biology and Pathogenesis

BIOD29H3 Pathobiology of Human Disease

BIOD33H3 Comparative Animal Physiology

BIOD35H3 Sports Science

BIOD43H3 Animal Movement and Exercise

BIOD65H3 Pathologies of the Nervous System

BIOD95H3 Supervised Study in Biology (topic must be human-related and approved by the program supervisor)

NROD66H3 Drug Addiction

NROD67H3 Psychobiology of Aging

Course change:* ***BIOA01H3
 BIOA02H3**

Rationale:

The addition of BIOA11H3 as an alternative biology pre-requisite is to provide students with no high school biology credits a university-level introduction to the study of biology from a human

body perspective. It will provide the necessary background in biology to allow students subsequent access to BIOA01H3 and BIOA02H3.

Calendar Copy Showing Changes:

BIOA01H3 Life on Earth: Unifying Principles

A lecture and laboratory course providing an overview of the origins and cellular basis of life, genetics and molecular biology, evolution and the diversity of microorganisms. **Note:** that both BIOA01H3 and BIOA02H3 **must** be completed prior to taking any other Biology course.

Prerequisite: [Grade 12 Biology **or** **BIOA11H3**] & Grade 12 Advanced Functions

Exclusion: BIO120H, BIO130H, (BIO150Y), (BGYA01H3)

Breadth Requirement: Natural Sciences

BIOA02H3 Life on Earth: Form, Function and Interactions

A lecture and laboratory course providing an overview of the anatomy and physiology of plants and animals, population biology, ecology and biodiversity. Note: that both BIOA01H3 and BIOA02H3 must be completed prior to taking any other Biology course.

Prerequisite: [Grade 12 Biology **or** **BIOA11H3**] & Grade 12 Advanced Functions

Exclusion: BIO120H, BIO130H, (BIO150Y), (BGYA02H3)

Breadth Requirement: Natural Sciences

Course change – BIOB33H3

Rationale:

PMDB33H3 and BIOB33H3 provide basic anatomy. PMDB33H3 is restricted to students in the Paramedicine Programs. Paramedicine students taking PMDB33H3 will receive the identical background to students taking BIOB33H3 and therefore must be excluded from taking BIOB33H3.

Calendar Copy Showing Changes:

BIOB33H3 Human Development and Anatomy

A lecture and laboratory course which deals with the functional morphology of the human organism. The subject matter extends from early embryo-genesis through puberty to late adult life.

Priority will be given to students in the Human Biology programs. Additional students will be admitted as space permits.

Prerequisite: BIOA01H3 & BIOA02H3

Exclusion: ANA300Y, ANA301H, (~~BGYB33H3~~), **PMDB33H3**

Breadth Requirement: Natural Sciences

Course change – BIOB34H3

Rationale:

Students taking Animal Physiology who are not in the Biology programs are lacking the necessary background required for success in Animal Physiology. Adding CHMA10H3 and CHMA11H3 will ensure better preparation. The addition affects only students outside of our biology program taking Animal Physiology. Entrance into Biology Programs already require CHMA10H3 and CHMA11H3 and MATA29H3 or STAB22H3 therefore impact should be

minimal. Adding MATA29H3 as recommended preparation will highlight to students that math would be advantageous.

Calendar Copy Showing Changes:

BIOB34H3 Animal Physiology

An introduction to the principles of animal physiology rooted in energy usage and cellular physiology. A comparative approach is taken, which identifies both the universal and unique mechanisms present across the animal kingdom. Metabolism, respiration, circulation, water regulation, movement and neural circuits are the areas of principal focus.

Prerequisite: BIOA01H3 & **and** BIOA02H3 **and** CHMA10H3 **and** CHMA11H3

Exclusion: (BIOB30H3), (BGYB30H3), BIO270H, BIO204H

Recommended Preparation: MATA29H3

Breadth Requirement: Natural Sciences

Course change – BIOB38H3

Rationale:

After reviewing the syllabus of EESB16H3 more closely, the overlap between the two courses is minimal. Students should be able to take both courses for credit.

Calendar Copy Showing Changes:

BIOB38H3 Plants and Society

How do plants feed humans? What are agricultural origins and what plant traits changed in domesticated plants? Human population is at 7 billion, but will climb to 10 billion in 2050. This will tax our planet's ability to sustain life and environmentally sustainable food production will become more integral.

Prerequisite: BIOA01H3 and BIOA02H3

Exclusion: (BIOC38H3), EEB202H, **EESB16H3**

Breadth Requirement: Natural Sciences

Course change – BIOC12H3

Rationale:

CHMB42H3 is no longer required as a pre-requisite because it is not directly related to the current course topics that are taught in BIOC12H3, and its removal will provide students more options in streaming through their programs. However we have opted to list it as "recommendation preparation" as we still feel for some students a full year of organic chemistry will better prepare them for success in BIOC12H3.

Calendar Copy Showing Changes:

BIOC12H3 Biochemistry I: Proteins & Enzymes

A lecture course describing factors involved in determining protein structures and the relationship between protein structure and function. Topics include: amino acids; the primary, secondary, tertiary and quaternary structures of proteins; protein motifs and protein domains; glycoproteins; membrane proteins; classical enzyme kinetics and allosteric enzymes; mechanisms of enzyme action.

Prerequisite: [[BIOB10H3 & BIOB11H3] or BIOB10Y3] & CHMB41H3 & CHMB42H3

Exclusion: CHMB62H3, BCH210H, BCH242Y, BCH310H, (BGYC12H3)

Recommended Preparation: CHMB42H3

Breadth Requirement: Natural Sciences

Course change – BIOC13H3

Rationale:

CHMB42H3 is being deleted because it is not related to the current course topics taught in BIOC13H3. The removal of this pre-requisite gives the students more options in streaming through both department's programs.

Calendar Copy Showing Changes:

BIOC13H3 Biochemistry II: Bioenergetics and Metabolism

A lecture course that introduces cellular metabolism, the process by which living organisms extract and utilize energy from their environment. Topics include: bioenergetics; oxidative phosphorylation; aspects of carbohydrate, lipid and amino acid metabolism; regulation of metabolism; and, the integration of metabolic pathways.

Prerequisite: [[BIOB10H3 & BIOB11H3] or BIOB10Y3] & CHMB41H3 & CHMB42H3

Exclusion: CHMB62H3, BCH210H, BCH242Y, BCH310H, (BGYC13H3)

Breadth Requirement: Natural Sciences

Course change – BIOC15H3

Rationale:

BIOC15H3 requires knowledge of probability and statistics. The MAT courses only cover variable amounts of probability, and are inadequate preparation for BIOC15H3.

Calendar Copy Showing Changes:

BIOC15H3 Genetics

Topics for this lecture and laboratory (or project) course include: a brief review of DNA structure, transcription, and translation; inheritance and its chromosomal basis; gene interactions; sources and types of mutations and the relationship of mutation to genetic disease and evolution; genetic dissection of biological processes; genetic technologies and genomic approaches.

Prerequisite: [[BIOB10H3 & BIOB11H3] or BIOB10Y3] & [(MATA21H3) or MATA35H3 or MATA36H3 or MATA37H3 or PSYB07H3 or STAB22H3]

Exclusion: (~~BGYC15H3~~), BIO260H, HMB265H

Breadth Requirement: Natural Sciences

Course change: ***BIOC33H3***
 BIOC34H3

Rationale:

- Re: adding BIO271H: the combination of topics taught in BIO270 and BIO271 (CSB; UTSG) cover the topics taught in BIOB34 at UTSC. Since BIO270 is a pre-requisite for BIO271, completion of BIO271 gives students the appropriate background for BIOC33H3 or BIOC34H3.

- Re: removing PSL201Y: PSL201Y (Physiology, UTSG) is a second year “Introduction to Human Physiology” course intended for students who will not pursue further studies in physiology. Since PSL201Y is a less advanced course than BIOC33/C34 it cannot be considered its equivalent, nor does it contain significant overlap.

Calendar Copy Showing Changes:

BIOC33H3 Human Physiology II: Lecture and Laboratory

This course will cover the physiology of the human respiratory, cardiovascular, renal and digestive systems. Topics include cardiac function, ECG, blood flow/pressure regulation, pulmonary mechanics, gas transfer and transport, the control of breathing, sleep-related breathing disorders, kidney function, ion regulation, water balance, acid-base balance and digestive function/regulation.

Prerequisite: (BIOB30H3) or BIOB34H3 or NROB60H3 or **BIO271H**

Exclusion: BIOC34H3, (BGYC33H3), (BGYC34H3), **PSL201Y**, PSL301H, (PSL302Y)

Enrolment Limits: Priority will be given to students enrolled in the Human Biology program.

Additional students will be admitted only if space permits.

Breadth Requirement: Natural Sciences

BIOC34H3 Human Physiology II: Lecture

The lecture component of BIOC34H3 is identical to that described above for BIOC33H3.

Students will complete a series of computer-simulated laboratory exercises (on their own time) instead of practical lab sessions.

Prerequisite: (BIOB30H3) or BIOB34H3 or NROB60H3 or **BIO271H**

Exclusion: BIOC33H3, (BGYC33H3), (BGYC34H3), (PSL302Y), **PSL201Y**, PSL301H

Breadth Requirement: Natural Sciences

Course change – BIOC39H3

Rationale:

The previous exclusions were full year C-level courses in immunology offered by the Department of Immunology at St. George. Those courses have now been split into two courses. The instructor has met with the Department of Immunology curriculum committee and they agree that BIOC39H covers a substantial portion of their half year courses and therefore are equivalent.

Calendar Copy Showing Changes:

BIOC39H3 Immunology

This course introduces the molecular and cellular basis of the immune system. Topics include self versus non-self recognition, humoral and cell-mediated immune responses, and the structure and function of antibodies. The importance of the immune system in health and disease will be emphasized and topics include vaccination, autoimmunity, and tumour immunology.

Prerequisite: [[BIOB10H3 & BIOB11H3] or BIOB10Y3]

Exclusion: **IMM334Y, IMM335Y, IMM340H, IMM341H, IMM350H, IMM351H**

Breadth Requirement: Natural Sciences

Course change: **BIOD08H3**
 NROD08H3

Rationale:

The Department of Computer and Mathematical Sciences is replacing MATA30H3 with MATA29H3 for Life Science and Environmental Science students.

Calendar Copy Showing Changes:

BIOD08H3 Theoretical Neuroscience

A seminar covering topics in the theory of neural information processing, focused on perception, movement, learning and memory. Through reading, discussion and working with computer models students will learn fundamental concepts underlying current theories of brain function including information theory, spike-time/rate coding, population codes, liquid state-machines and Bayesian optimality.

Same as [NROD08H3](#)

Prerequisite: [[NROC34H3](#) or [NROC64H3](#) or [NROC69H3](#)] and [~~[MATA30H3](#)~~[MATA29H3](#) or [MATA31H3](#)] and [[PSYB07H3](#) or [STAB22H3](#)]

Exclusion: [NROD08H3](#)

Breadth Requirement: Natural Sciences

NROD08H3 Theoretical Neuroscience

A seminar covering topics in the theory of neural information processing, focused on perception, movement, learning and memory. Through reading, discussion and working with computer models students will learn fundamental concepts underlying current theories of brain function including information theory, spike-time/rate coding, population codes, liquid state-machines and Bayesian optimality.

Same as [BIOD08H3](#)

Prerequisite: [[NROC34H3](#) or [NROC64H3](#) or [NROC69H3](#)] and [~~[MATA30H3](#)~~[MATA29H3](#) or [MATA31H3](#)] and [[PSYB07H3](#) or [STAB22H3](#)]

Exclusion: [BIOD08H3](#)

Breadth Requirement: Natural Sciences

Course change – BIOD21H3

Rationale:

The Specialist (Joint) Program in Applied Microbiology was redesigned in 2009 to add Microbiology (BIOC17H3) as a required course in the program. The IMCB01 and IMCB02 courses do not provide the necessary microbiology background. At present this program is suspended and will have no impact on the present student population.

Calendar Copy Showing Changes:

BIOD21H3 Advanced Molecular Biology Laboratory

Applications of molecular technology continue to revolutionize our understanding of all areas of life sciences from biotechnology to human disease. This intensive laboratory, lecture / tutorial course provides students with essential information and practical experience in recombinant DNA technology, molecular biology and bio-informatics.

Prerequisite: BIOB12H3 & BIOC15H3 & ~~BIOC17H3 or [IMCB01H3 & IMCB02H3 (for Applied Microbiology students only)]~~

Corequisite: BIOC12H3 (Note: Although listed as a corequisite, it is recommended that BIOC12H3 be taken in advance of BIOD21H3.)

Exclusion: (BGYD21H3)

Enrolment Limits: 48 *Priority will be given to students enrolled in the specialist programs in Cell and Molecular Biology (Co-op and non-Co-op). Additional students will be admitted only if space permits.

Breadth Requirement: Natural Sciences

Note: *Priority will be given to students enrolled in the specialist programs in Cell and Molecular Biology (Co-op and non-Co-op). Additional students will be admitted only if space permits.

Course change – BIOD33H3

Rationale:

The new description represents a more accurate description of the current course content. The enrolment limit has been added to make sure students understand the course will not accommodate unlimited students.

Calendar Copy Showing Changes:

BIOD33H3 Comparative Animal Physiology

This course will ~~focus on the comparative aspects of animal physiology and address~~ examine how various physiological systems and anatomical features are specialised to meet many of the environmental challenges encountered by terrestrial and aquatic animals environments. Topics include respiratory systems and breathing, hearts and cardiovascular systems, cardiorespiratory control, animal energetics, metabolic rate, thermoregulation, defenses against extreme temperatures, hibernation and osmotic/ionic/volume regulation. ~~Topics include breathing, cardiovascular physiology, nutrition/feeding, energetics, thermal regulation, hibernation and ionic/osmotic regulation.~~

Prerequisite: BIOC33H3 or BIOC34H3

Exclusion: (BGYD33H3)

Enrolment Limits: 50

Breadth Requirement: Natural Sciences

Course change: **PMDB25H3**
 PMDB33H3
 PMDB36H3
 PMDB41H3

Rationale:

- There is no longer a pedagogical foundation for the inclusion of the co-requisites listed for PMDB25H3, PMDB36H3 and PMDB41H3 based on the material covered in these three courses. The learning outcomes for PMDB25H3, PMDB35H3 and PMDB41H3 will not be affected with removal of the co-requisites as completion of the listed pre-requisites for each course are the determinant for student success. Therefore to properly reflect to the students the background required for each of the three courses the co-requisites are being removed.

- Material presented in PMDB33H3 is complemented by material presented in PMDB22H3. Both courses are offered in the same term. Therefore to better represent the optimal course preparation for student success and improve the learning outcomes for PMDB33H3, PMDB22H3 has been added as a co-requisite.

Calendar Copy Showing Changes:

PMDB25H3 Therapeutic Communications and Crisis Intervention

Focuses on the utilization of effective communication tools when dealing with persons facing health crisis. Students will learn about coping mechanisms utilized by patients and families, and the effects of death and dying on the individual and significant others. Students will have the opportunity to visit or examine community services and do class presentations. This course is taught at the Centennial HP Science and Technology Centre.

Prerequisite: BIOA01H3 and BIOA02H3

Corequisite: PMDB22H3 and PMDB41H3 and PMDB33H3

Enrolment Limits: Enrolment is restricted to students in the Specialist Program in Paramedicine.

Breadth Requirement: History, Philosophy & Cultural Studies

PMDB33H3 Anatomy

The basic anatomy of all the human body systems will be examined. The focus is on the normal functioning of the anatomy of all body systems and compensatory mechanisms, where applicable, to maintain homeostasis. Specific differences with respect to the pediatric/geriatric client will be highlighted. This course is taught at the Centennial HP Science and Technology Centre.

Prerequisite: BIOA01H3 and BIOA02H3

Corequisite: PMDB22H3

Exclusion: ANA300Y, ANA301H, BIOB33H3, BGYB33H3

Enrolment Limits: Restricted to students in the Specialist (Joint) Program in Paramedicine.

Breadth Requirement: Natural Sciences

PMDB36H3 Pharmacology for Allied Health

Introduces principles of Pharmacology, essential knowledge for paramedics who are expected to administer medications in Pre-hospital care. Classifications of drugs will be discussed in an organized manner according to their characteristics, purpose, physiologic action, adverse effects, precautions, interactions and Pre-hospital applications. Students will use a step-by-step process to calculate drug dosages. This course is taught at the Centennial HP Science and Technology Centre.

Prerequisite: PMDB22H3 and PMDB25H3 and PMDB41H3 and PMDB33H3

Corequisite: PMDB30H3 and PMDB32Y3

Enrolment Limits: Enrolment is limited to students in the Specialist Program in Paramedicine

Breadth Requirement: Natural Sciences

PMDB41H3 Professional and Legal Issues, Research, Responsibilities and Leadership

Discusses the changing role of the paramedic and introduces the student to the non-technical professional expectations of the profession. Introduces fundamental principles of medical research and professional principles. Topics covered include the role of professional organizations, the role of relevant legislation, the labour/management environment, the field of injury prevention, and basic concepts of medical research. This course is taught at the Centennial HP Science and Technology Centre.

Prerequisite: BIOA01H3 and BIOA02H3

Corequisite: PMDB22H3 and PMDB25H3 and PMDB33H3

Enrolment Limits: Enrolment is restricted to students in the Specialist Program in Paramedicine.

Breadth Requirement: Social & Behavioural Sciences

Department of Computer and Mathematical Sciences

Note regarding consultation:

All changes have been approved by the Departmental Curriculum Committee, and reviewed by the Dean's Office. Where changes may have had an impact on outside academic units, appropriate consultation has taken place.

Course change – CSCB07H3

Rationale:

This is the key B-level course in our sequence of courses on software engineering. As such it is very challenging and not suitable for students without the proper background and aptitude in computer science. A CSC subject post or a sufficiently strong GPA will ensure that the students will be able to handle the pace of the course and courses can be run at the pace they were designed for. In addition, with increasingly large enrolments in CSC courses, some control on enrolment is necessary to ensure that we provide an adequate learning experience for program students.

Calendar Copy Showing Changes:

CSCB07H3 Software Design

An introduction to software design and development concepts, methods, and tools, using a statically-typed object-oriented language such as Java. Topics from: version control, build management, unit testing, refactoring, object oriented design and development, design patterns and advanced IDE usage.

Prerequisite: CSCA48H3 and [CGPA 2.5 or enrolment in a CSC Subject POST]

Exclusion: CSC207H

Breadth Requirement: Quantitative Reasoning

Course change – CSCB63H3

Rationale:

CSCB07H3 does not contain material that is necessary for CSCB63H3, and its inclusion as a prerequisite unnecessarily constrains the choices of students. This change will have no impact on learning outcomes, topics covered, or methods of assessment.

Calendar Copy Showing Changes:

CSCB63H3 Design and Analysis of Data Structures

Design, analysis, implementation and comparison of efficient data structures for common abstract data types. Priority queues: heaps and mergeable heaps. Dictionaries: balanced binary search trees, B-trees, hashing. Amortization: data structures for managing dynamic tables and disjoint sets. Data structures for representing graphs. Graph searches.

Prerequisite: ~~CSCB07H3~~ & CSCB36H3 & [CGPA 2.5 or enrolment in a CSC Subject POST]
Exclusion: CSC263H, CSC265H
Breadth Requirement: Quantitative Reasoning

Course change – CSCC85H3

Rationale:

The exposure to Unix/C that students receive in CSCB09H3 will ensure they gain the practical background necessary for the assignment work in CSCC85. CSCB07H3 is added as a recommended preparation because it gives students experience developing sizable projects within a team environment, provides foundations in software design, and improves their maturity as developers.

Calendar Copy Showing Changes:

CSCC85H3 Introduction to Embedded Systems

The course covers the components and fundamental principles of operation of systems built around micro-processing elements: the architecture, operation, and types of micro-processing components; sensors, actuators, signal acquisition and processing, and basic principles of control theory. Laboratory sessions involving the use of a mobile robotic platform provide hands-on experience.

Prerequisite: CSCB58H3 & CSCB09H3 & [CGPA 3.0 or enrolment in a CSC Subject POST]
Exclusion: ECE385H

Recommended Preparation: CSCB07H3

Breadth Requirement: Quantitative Reasoning

Course change – CSCD58H3

Rationale:

[STAB52H3 or STAB57H3] is logically equivalent to STAB52H3 because STAB57H3 requires STAB52H3 as a prerequisite.

Calendar Copy Showing Changes:

CSCD58H3 Computer Networks

Computer communication network principles and practice. The OSI protocol-layer model; Internet application layer and naming; transport layer and congestion avoidance; network layer and routing; link layer with local area networks, connection-oriented protocols and error detection and recovery; multimedia networking with quality of service and multicasting. Principles in the context of the working-code model implemented in the Internet.

Prerequisite: CSCB58H3 & CSCB63H3 & [STAB52H3 or STAB57H3] & [CGPA 3.0 or enrolment in a CSC Subject POST]

Exclusion: CSC458H

Breadth Requirement: Quantitative Reasoning

Course change – STAB22H3

Rationale:

STAB23H3 is a new course that has been designed specifically for the Social Sciences students. The material in both courses overlap. The exclusion prevents students from obtaining double credit for similar course material.

Calendar Copy Showing Changes:

STAB22H3 Statistics I

This course is a basic introduction to statistical reasoning and methodology, with a minimal amount of mathematics and calculation. The course covers descriptive statistics, populations, sampling, confidence intervals, tests of significance, correlation, regression and experimental design. A computer package is used for calculations.

Exclusion: ANTC35H3, MGE11H3/(ECMB11H3), (POLB11H3), PSYB07H3, (SOCB06H3), **STAB23H3**, STAB52H3, STAB57H3, STA220H, STA250H

Breadth Requirement: Quantitative Reasoning

Course change – STAB52H3

Rationale:

There is sufficient overlap between PSYB07H3 and STAB52H3 to warrant it being added as an exclusion.

Calendar Copy Showing Changes:

STAB52H3 An Introduction to Probability

A mathematical treatment of probability. The topics covered include: the probability model, density and distribution functions, computer generation of random variables, conditional probability, expectation, sampling distributions, weak law of large numbers, central limit theorem, Monte Carlo methods, Markov chains, Poisson processes, simulation, applications. A computer package will be used.

Prerequisite: MATA33H3 or MATA36H3 or MATA37H3

Exclusion: **PSYB07H3**, STAB22H3, STA107H, STA257H

Breadth Requirement: Quantitative Reasoning

Course change – STAC32H3

Rationale:

The phrase “or equivalents” is replaced by an explicit list of courses for clarity.

Calendar Copy Showing Changes:

STAC32H3 Applications of Statistical Methods

A case-study based course, aimed at developing students’ applied statistical skills beyond the basic techniques. Students will be required to write statistical reports. Statistical software, such as SAS and R, will be taught and used for all statistical analyses.

Prerequisite: [STAB27H3](#) or [STAB57H3](#) or [MGE12H3/\(ECMB12H3\)](#) or [PSYC08H3](#) or equivalents.

Breadth Requirement: Quantitative Reasoning

Course change – STAC50H3

Rationale:

The phrase “or equivalents” is replaced by an explicit list of courses for clarity. There is no impact to the course learning outcomes, methods of assessment or topics covered. STAC50H3 has considerable overlap with STA304H1. The exclusion prevents students from obtaining double credit for similar course material.

Calendar Copy Showing Changes:

STAC50H3 Data Collection

The principles of proper collection of data for statistical analysis, and techniques to adjust statistical analyses when these principles cannot be implemented. Topics include: relationships among variables, causal relationships, confounding, random sampling, experimental designs, observational studies, experiments, causal inference, meta-analysis. Statistical analyses using SAS or R.

Prerequisite: STAB27H3 or STAB57H3 ~~or equivalents~~ or MGE12H3/(ECMB12H3) or PSYC08H3

Exclusion: STA304H

Breadth Requirement: Quantitative Reasoning

Course change – STAC51H3

Rationale:

The phrase “or equivalents” is replaced by an explicit list of courses for clarity.

Calendar Copy Showing Changes:

STAC51H3 Categorical Data Analysis

Statistical models for categorical data. Contingency tables, generalized linear models, logistic regression, multinomial responses, logit models for nominal responses, log-linear models for two-way tables, three-way tables and higher dimensions, models for matched pairs, repeated categorical response data, correlated and clustered responses. Statistical analyses using SAS or R.

Prerequisite: STAB27H3 or STAB57H3 or MGE12H3/(ECMB12H3) or PSYC08H3 ~~or equivalents~~

Breadth Requirement: Quantitative Reasoning

Course change – STAC58H3

Rationale:

STAC58H3 builds heavily on aspects of statistical theory covered in STAB57H3. Adding STAB57H3 as a pre-requisite corrects an oversight.

Calendar Copy Showing Changes:

STAC58H3 Statistical Inference

Principles of statistical reasoning and theories of statistical analysis. Topics include: statistical models, likelihood theory, repeated sampling theories of inference, prior elicitation, Bayesian

theories of inference, decision theory, asymptotic theory, model checking, and checking for prior-data conflict. Advantages and disadvantages of the different theories.

Prerequisite: **STAB57H3** and STAC62H3

Exclusion: STA352Y, STA422H

Breadth Requirement: Quantitative Reasoning

Course change – STAC63H3

Rationale:

We intend STAC63H3 to be a follow up to the probability theory developed in STAC62H. The course will be offered in the spring semester, building on top of the material covered in STAC62H3 in the fall.

Calendar Copy Showing Changes:

STAC63H3 Probability Models

This course continues the development of probability theory begun in **STAB52H3** **STAC62H3**. Probability models covered include branching processes, birth and death processes, renewal processes, Poisson processes, queuing theory, random walks and Brownian motion.

Prerequisite: **STAB52H3** **STAC62H3**

Breadth Requirement: Quantitative Reasoning

Course change – STAD68H3

Rationale:

This course was taught for the first time last year. We then realized that we had omitted to include CSCC11H3 as a prerequisite.

Calendar Copy Showing Changes:

STAD68H3 Advanced Machine Learning and Data Mining

Statistical aspects of supervised learning: regression, regularization methods, parametric and nonparametric classification methods, including Gaussian processes for regression and support vector machines for classification, model averaging, model selection, and mixture models for unsupervised learning. Some advanced methods will include Bayesian networks and graphical models.

Prerequisite: **CSCC11H3** and STAC58H3 and STAC67H3

Breadth Requirement: Quantitative Reasoning

Centre for Critical Development Studies

Note regarding consultation:

All changes have been approved by the Departmental Curriculum Committee, and reviewed by the Dean's Office. Where changes may have had an impact on outside academic units, appropriate consultation has taken place.

Program change: *Specialist in International Development Studies (BA)*
 Specialist Co-op in International Development Studies (BA)

Overview of Changes:

- Replace STAB22H3 with STAB23H3 in Requirement 3

Rationale:

STAB22H3, which is currently an optional course to meet the methods requirement for the Specialist BA programs in International Development Studies, is not suitably specific to the social sciences to meet program needs. This new course has been developed and motivated by key problems in the social sciences, with an emphasis on the application of methods to real data. STAB23H3 will better serve our students for future research in their course work.

Calendar Copy Showing Changes:

SPECIALIST PROGRAM IN INTERNATIONAL DEVELOPMENT STUDIES (ARTS)

Program Requirements

This program requires 13.0 full credits of which at least 4.0 must be at the C- or D-level including at least 1.0 at the D-level.

1. Introduction to International Development Studies (2.0 full credits as follows)
IDSA01H3 Introduction to International Development Studies
[MGEA01H3 Introduction to Microeconomics *or* MGEA02H3 Introduction to Microeconomics: A Mathematical Approach]
[MGEA05H3 Introduction to Macroeconomics *or* MGEA06H3 Introduction to Macroeconomics: A Mathematical Approach]
EESA01H3 Introduction to Environmental Science
2. Core courses in International Development (3.0 full credits as follows)
IDSB01H3 Political Economy of International Development
IDSB02H3 Development and Environment
IDSB04H3 Introduction to International/Global Health
IDSB06H3 Equity, Ethics and Justice in International Development
POLB90H3 Comparative Development in International Perspective
POLB91H3 Comparative Development in Political Perspective
3. Methods for International Development Studies (1.5 full credits as follows)
IDSC04H3 Project Management I
0.5 credit in Quantitative/statistical methods from the following:
 ANTC35H3 Quantitative Methods in Anthropology

MGEB11H3 Quantitative Methods in Economics I
GGRA30H3 Geographic Information Systems (GIS) and Empirical Reasoning
GGRB30H3 Fundamentals of GIS I
HLTB15H3 Introduction to Health Research Methodology
~~STAB22H3 Statistics I~~ STAB23H3 Introduction to Statistics for the Social Sciences

0.5 FCE in Qualitative methods from the following:

ANTB19H3 Ethnography and the Comparative Study of Human Societies
GGRC31H3 Qualitative Geographical Methods: Place and Ethnography
HLTC04H3 Critical Qualitative Health Research Methods
POLC78H3 Political Analysis I

4. Research in International Development Requirement (0.5 credit):

IDSD02H3 Advanced Seminar in Critical Development Studies: Theory and Policy

5. Specialized Courses: Approaches to International Development (6.0 full credits)

A minimum of 2.0 full credits must be chosen from two different clusters below for a total of 4.0 full credits. The other 2.0 full credits may be selected from any of the courses listed below, and IDSA02H3/AFSA03H3, IDSC07H3, IDSC10H3, IDSD10H3, IDSD14H3 and IDSD15H3 may also be counted towards the completion of this requirement.

Media and Development

ANTC53H3 Anthropology of Media and Publics
GASC40H3/MDSC40H3 Chinese Media and Politics
GASC41H3/MDSC41H3 Media and Popular Culture in East and Southeast Asia
IDSB10H3 Knowledge and Communication for Development
IDSC08H3 Media and Development
MDSB05H3/GASB05H3 Media and Globalization
MDSB61H3 Mapping New Media
SOCC44H3 Media and Society
VPHB50H3 Africa Through the Photographic Lens

Culture and Society

ANTB05H3/AFSB05H3 Culture and Society in Africa
ANTB20H3 Culture, Politics and Globalization
ANTB64H3 The Anthropology of Food
ANTC10H3 Anthropological Perspectives on Development
ANTC34H3 The Anthropology of Transnationalism
ANTC66H3 Anthropology of Tourism
GGRD14H3 Social Justice and the City
HISB51H3/AFSB51H3 Twentieth Century Africa
HISB57H3/GASB57H3 Sub-Continental Histories: South Asia in the World
HISC29H3 Global Commodities: Nature, Culture, History
HISC55H3 War and Society in Modern Africa
IDSD06H3 Feminist and Postcolonial Perspectives in Development Studies
SOCC25H3 Ethnicity, Race and Migration
SOCC29H3 Special Topics in Sociology of Family
SOCC34H3 Migrations & Transnationalisms

SOCC58H3 Global Transformations: Politics, Economy & Society

Economics of Development

ANTC19H3 Producing People and Things: Economics and Social Life

MGEB32H3 Economic Aspects of Public Policy

MGEB60H3 Comparative Economic Systems

MGEC21H3 Classics in the History of Economic Thought

MGEC61H3 International Economics: Finance

MGEC62H3 International Economics: Trade Theory

MGEC81H3 Economic Development

MGEC82H3 Development Policy

MGED63H3 Financial Crises: Causes, Consequences and Policy Implications

IDSC12H3 Economics of Small Enterprise and Micro-Credit

IDSC14H3 The Political Economy of Food

GGRC48H3 Geographies of Urban Poverty

POLC98H3 International Political Economy of Finance

Environment and Land Use

ANTB01H3 Political Ecology

EESB16H3 Feeding Humans - the Cost to the Planet

EESB17H3 Hydro Politics and Transboundary Water Resources Management

GGRB21H3 Environments and Environmentalisms

GGRC10H3 Urbanization and Development

GGRC22H3 Political Ecology Theory and Application

GGRC25H3 Land Reform and Development

GGRC44H3 Environmental Conservation and Sustainable Development

GGRC49H3 Land, Development, and Struggle in Latin America

IDSC02H3 Environmental Science and Evidence-Based Policy

IDSD07H3/AFSD07H3 Extractive Industries in Africa

Gender, Health and Development

ANTC14H3 Feminism and Anthropology

ANTC15H3 Genders and Sexualities

ANTC61H3 Medical Anthropology: Illness and Healing in Cultural Perspective

GGRB28H3 Geographies of Disease

GGRD10H3 Health and Sexuality

HLTC02H3 Women and Health: Past and Present

IDSC11H3 Issues in Global and International Health

POLC94H3 Globalization, Gender and Development

WSTC10H3 Women and Development

WSTC11H3 Applied Study in Women and Development

Politics and Policy

IDSC11H3 Issues in Global and International Health

IDSC17H3 Development, Citizen Action and Social Change in the Global South

IDSC18H3 New Paradigms in Development: The Role of Emerging Powers

IDSD19H3 The Role of Researcher-Practitioner Engagement in Development

POLB80H3 Introduction to International Relations I
POLB81H3 Introduction to International Relations II
POLC09H3 International Security: Conflict, Crisis and War
POLC16H3 Chinese Politics
POLC37H3 Global Justice
POLC80H3 International Relations of Africa
POLC87H3 International Cooperation and Institutions
POLC88H3 The New International Agenda
POLC90H3 Development Studies: Political and Historical Perspectives
POLC91H3 Latin America: Dictatorship and Democracy
POLC96H3 State Formation and Authoritarianism in the Middle East
POLC97H3 Protest Politics in the Middle East
POLC99H3 Latin America: Politics of the Dispossessed
POLD09H3 International Relations of Ethnic Conflict
POLD87H3 Rational Choice and International Cooperation
POLD90H3 Public Policy and Human Development in the Global South
POLD92H3 Survival and Demise of Dictatorships
POLD94H3 Selected Topics on Developing Areas

SPECIALIST CO-OPERATIVE PROGRAM IN INTERNATIONAL DEVELOPMENT STUDIES (ARTS)

Program Requirements

This program requires 15.0 full credits, of which at least 4.0 must be at the C- or D-level including at least 1.0 at the D-level.

Students must complete requirements 1-5 of the requirements for the Specialist (Non-co-op B.A.) Program in International Development Studies, except for [IDSD02H3](#), plus the following:

- 1.0 full credit in a second language
- [IDSC01H3](#) Research Design for Development Fieldwork (must be taken prior to co-op placement)
- [IDSD01Y3](#) Post-placement Seminar and Thesis

Program change – Major in International Development Studies (BA)

Overview of Changes:

- Replace STAB22H3 with STAB23H3 in Requirement 3

Rationale:

STAB22H3, which is currently an optional course to meet the methods requirement for the Major Program in International Development Studies (Arts), is not suitably specific to the social sciences to meet program needs. This new course has been developed and motivated by key problems in the social sciences, with an emphasis on the application of methods to real data. STAB23H3 will better serve our students for future research in their course work.

Calendar Copy Showing Changes:

MAJOR PROGRAM IN INTERNATIONAL DEVELOPMENT STUDIES (ARTS)

Program Requirements

This program requires 8.0 full credits of which at least 2.0 must be at the C- or D-level.

1. Introduction to International Development Studies (0.5 credits)
IDSA01H3 Introduction to International Development Studies
2. Core courses in International Development (1.5 credits)
1.5 full credits from the following:
IDSB01H3 Political Economy of International Development
IDSB02H3 Development and Environment
IDSB04H3 Introduction to International/Global Health
IDSB06H3 Equity, Ethics and Justice in International Development
POLB90H3 Comparative Development in International Perspective
(Students wishing to take IDSB01H3 should be aware that there are A-level prerequisites for this course.)
3. Methods for International Development Studies (1.5 credits)
IDSC04H3 Project Management I
0.5 credits in quantitative/statistical methods from the following:
ANTC35H3 Quantitative Methods in Anthropology
MGEB11H3 Quantitative Methods in Economics I
GGRA30H3 Geographic Information Systems (GIS) and Empirical Reasoning
GGRB30H3 Fundamentals of GIS I
HLTB15H3 Introduction to Health Research Methodology
STAB22H3 Statistics I **STAB23H3 Introduction to Statistics for the Social Sciences**
0.5 credits in qualitative methods from the following:
ANTB19H3 Ethnography and the Comparative Study of Human Societies
HLTC04H3 Critical Qualitative Health Research Methods
GGRC31H3 Qualitative Geographical Methods: Place and Ethnography
POLC78H3 Political Analysis I
4. Specialized Courses (4.5 credits)
4.5 credits from the courses listed in Requirement 5 of the B.A. version of the Specialist program in IDS with at least 1.0 credit from each of TWO of the clusters. POLB91H3 may be counted toward this requirement.

Department of English

Note regarding consultation:

All changes have been approved by the Departmental Curriculum Committee, and reviewed by the Dean's Office. Where changes may have had an impact on outside academic units, appropriate consultation has taken place.

Program change – Minor in Creative Writing (Arts)

Overview of Changes:

- Add a note to the program stating that only 1.0 credit worth of creative writing courses can be taken at other campuses.

Rationale:

The Department wants to ensure that students completing the Minor in Creative Writing are resident at UTSC. The nature of the program—with its intensive workshop component, its clear progression of courses, and peer to peer support—makes the development of a cohort crucial to the student experience. This change will ensure that students choose a course on another campus only when it gives them something they can't get at UTSC.

Calendar Copy Showing Changes:

MINOR PROGRAM IN CREATIVE WRITING (ARTS)

Program Supervisor: D. Tysdal (416-287-7161) *Email:* dtysdal@utsc.utoronto.ca

Program Requirements:

Students must complete 4.0 credits as follows. **A maximum of 1.0 credit in creative writing courses may be taken at another campus.:**

1. 1.5 credits:

[ENGB03H3](#) Critical Thinking about Narrative

[ENGB04H3](#) Critical Thinking about Poetry

[[ENGB60H3](#) Creative Writing: Poetry I *or* [ENGB61H3](#) Creative Writing: Fiction I]

2. 2.5 credits to be selected from:

[ENGB60H3](#) Creative Writing: Poetry I (if not already counted as a required course)

[ENGB61H3](#) Creative Writing: Fiction I (if not already counted as a required course)

[ENGB63H3](#) Creative Non-Fiction I

[ENGC04H3](#) Creative Writing: Screenwriting

[ENGC05H3](#) Creative Writing: Poetry and New Media

[ENGC06H3](#) Creative Writing: Writing for Comics

[ENGC08H3](#) Special Topics in Creative Writing I

[ENGC86H3](#) Creative Writing: Poetry II

[ENGC87H3](#) Creative Writing: Fiction II

[ENGC88H3](#) Creative Non-Fiction II

[ENGD22H3](#) Special Topics in Creative Writing II

[ENGD26Y3](#) Independent Studies in Creative Writing: Poetry

[ENGD27Y3](#) Independent Studies in Creative Writing: Prose

[ENGD28Y3](#) Independent Studies in Creative Writing: Special Topics

Program change – Minor in Literature and Film (Arts)

Overview of Changes:

- Add ENGD96H3 to the bin of optional courses in requirement 3.

Rationale:

ENGD96H3 is a new course designed for the Minor Literature and Film; it is being added as an option in the program.

Calendar Copy Showing Changes:

MINOR PROGRAM IN LITERATURE AND FILM STUDIES (ARTS)

Program Supervisor: A. Maurice (416-287-7180).

Email: english-program-supervisor@utsc.utoronto.ca

Program Requirements

4.0 full credits in English are required

1. 1.5 credit as follows:

ENGB70H3 Introduction to Cinema

ENGB75H3 Cinema and Modernity I

ENGB76H3 Cinema and Modernity II

2. 0.5 credits as follows:

ENGA10H3 Introduction to Twentieth-Century Literature and Film: 1890 to World War II

or

ENGA11H3 Introduction to Twentieth-Century Literature and Film: 1945 to Today

3. 1.0 credits at the C-or D-level, from the following:

ENGC56H3 Literature and Media: From Page to Screen

ENGC76H3 The Body in Literature and Film

ENGC78H3 Dystopian Visions in Fiction and Film

ENGC82H3 Cinema Studies: Themes and Theories

ENGC83H3 Studies in World Cinema

ENGD52H3 Cinema: The Auteur Theory

ENGD62H3 Topics in Postcolonial Literature and Film

ENGD91H3 Avant-Garde Cinema

ENGD93H3 Theoretical Approaches to Cinema

ENGD94H3 Stranger than Fiction: The Documentary Film

ENGD96H3 Iranian Cinema

4. 1.0 additional credits in English

Note: Film courses selected from other departments and discipline will be approved for the Minor in Literature and Film Studies on a case-by-case basis.

Centre for French and Linguistics

Note regarding consultation:

All changes have been approved by the Departmental Curriculum Committee, and reviewed by the Dean's Office. Where changes may have had an impact on outside academic units, appropriate consultation has taken place.

Program change – Specialist in French (BA)

Overview of Changes:

- Add a new course – FREC54H3 – as a option to requirement 3

Rationale:

FREC54H3 is a new course. It is being added as an option to the program to increase flexibility.

Calendar Copy Showing Changes:

SPECIALIST PROGRAM IN FRENCH (ARTS)

For curriculum inquiries, contact the CFL Undergraduate Assistant: cfl-ua@utsc.utoronto.ca

This program is designed to provide students with a fundamental knowledge and grasp of principles and practices in core areas of French: language, grammar, linguistics, literature and culture.

Enrolment in the CTEP program in French has been suspended indefinitely. Students who enrolled at UTSC prior to the 2014 Summer Session should refer to the 2013/14 UTSCCalendar.

Program Requirements

This program requires 12.0 credits as follows including at least 4.0 credits at the C- or D-level of which at least 1.0 must be at the D-level:

1. 4.0 credits consisting of:

FREA01H3 Language Practice I
FREA02H3 Language Practice II
FREB01H3 Language Practice III
FREB02H3 Language Practice IV
FREC01H3 Language Practice V
FREC02H3 Language Practice VI
FRED01H3 Language Practice VII: Written French
FRED06H3 Language Practice VIII: Oral French

(Except where substitution of other French credits is permitted for students with special proficiency in the French language)

2. 2.0 credits selected from:

FREB44H3 Introduction to Linguistics: French Phonetics and Phonology (taught in French)
FREB45H3 Introduction to Linguistics: French Morphology and Syntax (taught in French)
FREB46H3 History of the French Language (taught in French)

FREC12H3 Semantics: The Study of Meaning (taught in English)
FREC46H3 Syntax II (taught in English)
FREC47H3 Pidgin and Creole Languages (taught in English)
FREC48H3 Sociolinguistics of French (taught in French)
(FRED49H3) French Semantics

3. 1.5 credits selected from:

FREB22H3 The Society and Culture of Québec
FREB27H3 Modern France
FREB28H3 The Francophone World
FREB70H3 Cinema of the French-Speaking World
FREB84H3 Folktale, Myth and the Fantastic in the French-Speaking World
FREC54H3 Paris through the Ages
FREC83H3 Cultural Identities and Stereotypes in the French-Speaking World

4. 3.0 credits in literature which must include:

- (a) FREB50H3 Introduction to French Literature I
- (b) FREB35H3 Francophone Literature
- (c) 1.0 credit in literature from Québec, selected from the following:
 - FREB36H3 The 20th Century Québec Novel
 - FREB37H3 Contemporary Québec Drama
 - FREC38H3 Topics in the Literature of Québec
 - FRED14H3 Advanced Topics in the Literature of Québec
- (d) 1.0 credit in French Literature, selected from the following:
 - FREB51H3 Literary History in Context: From the Middle Ages to the 17th Century
 - FREB55H3 Literary History in Context: 18th and 19th Centuries
 - FREC57H3 French Fiction of the 19th Century
 - FREC58H3 Literature of the Ancienne Régime
 - FREC63H3 Topics in French Literature: Encountering Foreign Cultures: Travel Writing in France
 - FREC64H3 French Fiction of the 20th and 21st Centuries
 - FRED13H3 Advanced Topics in French Literature

5. 1.5 additional credits in French from either the above-mentioned courses (where not already taken) or from the list below:

FREB08H3 Practical Translation I
FREB11H3 French Language in the School System
FREB17H3 Spoken French: Conversation and Pronunciation
FREB18H3 ~~French in the Workplace~~ **Business French**
FREB20H3 Teaching Children's Literature in French
FREC11H3 Teaching French as a Second Language
FREC18H3 Translation for Business and Professional Needs

Note: Specialist students (including CTEP) cannot obtain more than 0.5 credit (out of 12.0) by taking a course in English. This does not include CTEP courses taught in English through OISE.

Program change – Major in French (BA)

Overview of Changes:

- Add a new course – FREC54H3 – as a option in requirement 3

Rationale:

FREC54H3 is a new course in French culture. It is being added to the program to expand the options students can choose from.

Calendar Copy Showing Changes:

MAJOR PROGRAM IN FRENCH (ARTS)

For curriculum inquiries, contact the CFL Undergraduate Assistant: cfl-ua@utsc.utoronto.ca

Program Requirements

Students must complete 8.0 credits in French, of which at least 2.0 credits must be at the C- or D-level, including:

1. 3.5 credits as follows:

FREA01H3 Language Practice I

FREA02H3 Language Practice II

FREB01H3 Language Practice III

FREB02H3 Language Practice IV

FREC01H3 Language Practice V

FREC02H3 Language Practice VI

FRED01H3 Language Practice VII: Written French or FRED06H3* Language Practice VIII: Oral French]

(Students with special proficiency in the French language may substitute other FRE courses with the permission of the Associate Chair)

2. 1.0 credit in Linguistics:

Linguistics courses taught in French are:

FREB44H3 Introduction to Linguistics: French Phonetics and Phonology

FREB45H3 Introduction to Linguistics: French Morphology and Syntax

FREB46H3 History of the French Language

FREC48H3 Sociolinguistics of French

Linguistics courses taught in English are:

FREC12H3 Semantics: The Study of Meaning

FREC46H3 Syntax II

FREC47H3 Pidgin and Creole Languages

3. 1.0 credit in Culture:

Culture courses are:

FREB22H3 The Society and Culture of Québec

FREB27H3 Modern France

FREB28H3 The Francophone World

FREB70H3 Cinema of the French-Speaking World

FREB84H3 Folktale, Myth and the Fantastic in the French-Speaking World
FREC54H3 Paris through the Ages
FREC83H3 Cultural Identities and Stereotypes in the French-Speaking World

4. 2.5 additional credits in French as follows:

A) FREB50H3 Introduction to Literature in French I

B) 1.0 credit in French Literature taken from the following:

FREB35H3 Francophone Literature

FREB36H3 The 20th Century Québec Novel

FREB37H3 Contemporary Québec Drama

FREB51H3 Literary History in Context: From the Middle Ages to the 17th Century

FREB55H3 Literary History in Context: 18th and 19th Centuries

FREC38H3 Topics in the Literature of Québec

FREC58H3 Literature of the Ancien Regime

FREC63H3 Topics in French Literature: Encountering Foreign Cultures: Travel Writing in French

FREC64H3 French Fiction of the 20th and 21st Centuries

FRED14H3 Advanced Topics in the Literature of Québec

C) 1.0 credit in French courses not already taken

Note: At the A-level, only FREA01H3 and FREA02H3 may be counted towards a French Program.

Note: For Co-op opportunities related to the Major Program in French please see the Humanities and Social Sciences Co-operative section in this Calendar.

Note: Major students cannot obtain more than 0.5 credit (out of 8.0) by taking a course taught in English.

Course change – LINB18H3

Rationale:

There is not sufficient overlap with LIN203H to warrant it being an exclusion; there is sufficient overlap with LIN204H to add it as an exclusion.

Calendar Copy Showing Changes:

LINB18H3 ~~The Structure of English Words~~ English Grammar

Description and analysis of the structure of English words, including the ~~sound~~ sentence and word structure systems, with emphasis on those distinctive and characteristic features most of interest to teachers and students of the language.

Exclusion: ~~LIN203H~~ LIN204H

Breadth Requirement: Arts, Literature & Language

Department of Historical and Cultural Studies

Note regarding consultation:

All changes have been approved by the Departmental Curriculum Committee, and reviewed by the Dean's Office. Where changes may have had an impact on outside academic units, appropriate consultation has taken place.

Program change – Minor in African Studies (Arts)

Overview of Changes:

- Add the new courses – AFSC52H3, AFSC55H3 and AFSD51H3 – as optional courses in requirement 2.
- Update requirement 3 to show that AFSC52H3 is double-numbered with HISC52H3; AFSC55H3 is double-numbered with HISC55H3 and AFSD51H3 is double-numbered with HISC51H3

Rationale:

AFSC52H3, AFSC55H3 and AFSD51H3 are new courses that are double-numbered with existing HIS courses. The HIS courses are already options in the Minor; the AFS courses are being added as options to reflect the new double-numbering. This change will allow easier progress through the Minor, as well as adding C- and D-level options.

Calendar Copy Showing Changes:

MINOR PROGRAM IN AFRICAN STUDIES (ARTS)

Undergraduate Advisor: 416-287-7184 *Email:* afs-undergrad-advisor@utsc.utoronto.ca

Program Requirements

Students must complete **4.0 credits, 1.0 credit of which must be at the C- or D-level.** ~~four full credits,~~ as follows:

1. AFSA01H3 Africa in the World: An Introduction
AFSB01H3 African Worldviews
2. 1.0 credit from the following (students should check course descriptions for prerequisites):
AFSA03H3 Experiencing Development in Africa
AFSB05H3/ANTB05H3 Culture and Society in Africa
AFSB50H3 Africa in the Era of the Slave Trade
AFSB51H3 Twentieth Century Africa
AFSC30H3 Language and Society in the Arab World
AFSC52H3 A History of Ethiopia
AFSC55H3 War and Society in Modern Africa
AFSD51H3 Southern Africa: Colonial Rule, Apartheid and Liberation
3. 2.0 credits from the list below; ~~at least 1.0 credit must be at the C- or D-level~~ (students should check course descriptions for prerequisites)
AFSB50H3 Africa in the Era of the Slave Trade
AFSB51H3 Twentieth Century Africa
AFSC30H3 Language and Society in the Arab World

AFSC52H3/HISC52H3 A History of Ethiopia
 AFSC55H3/HISC55H3 War and Society in Modern Africa
 AFSD51H3/HISD51H3 Southern Africa: Colonial Rule, Apartheid and Liberation
 AFSB05H3/ANTB05H3 Culture and Society in Africa
 (ANTC06H3) African Cultures and Societies II: Case Studies
 CLAC05H3 Environment, Society and Economy in Ptolemaic and Roman Egypt
 ENGB17H3 Contemporary Literature from the Caribbean
 ENGC51H3 Contemporary Arab Women Writers
 ENGC72H3 Contemporary Literature from Africa
 ENGD13H3 Rap Poetics
 ENGD08H3 Topics in African Literature
 (ENGD61H3) James Baldwin, the African American Experience, and the Liberal Imagination
 FREA01H3 Language Practice I
 FREA02H3 Language Practice II
 FREB01H3 Language Practice III
 FREB02H3 Language Practice IV
 FREB35H3 Francophone Literature
 FREC47H3 Pidgin and Creole Languages
 FRED14H3 Advanced Topics in the Literature of Québec
 GGRB28H3 Geographies of Disease
 GGRC25H3 Land Reform and Development
~~HISC52H3 A History of Ethiopia~~
~~HISC55H3 War and Society in Modern Africa~~
 HISD50H3 Southern Africa: Conquest and Resistance, 1652-1900
~~HISD51H3 Southern Africa: Colonial Rule, Apartheid and Liberation~~
 HISD52H3 East African Societies in Transition
 (LGGA40H3) Introductory Modern Standard Arabic I
 (LGGA41H3) Introductory Modern Standard Arabic II
 (LGGB42H3) Intermediate Modern Standard Arabic I
 (LGGB43H3) Intermediate Modern Standard Arabic II
 (LGGB45H3) Modern Standard Arabic I for Students with Prior Background
 POLC80H3 International Relations of Africa
 VPHB50H3 Africa through the Photographic Lens
 VPHB65H3 Exhibiting Africa: Spectacle and the Politics of Representation
 WSTC13H3 Women, Gender and Islam

Note: Not all courses in Requirement #2 and #3 are offered every year.

Program change: ***Specialist in Global Asia Studies (BA)***
 Major in Global Asia Studies (BA)
 Minor in Global Asia Studies (Arts)

Overview of Changes:

- Eliminate the large bins of courses.

Rationale:

There are no changes to the requirements or options for the programs, but the large bins of specified course options are being deleted in order to make it easier for students to navigate

through the program. This will also eliminate the need to update the bins of courses each year, which reduces student confusion and potential errors.

Calendar Copy Showing Changes:

SPECIALIST PROGRAM IN GLOBAL ASIA STUDIES (ARTS)

Undergraduate Advisor: (416) 287-7184 Email: gas-undergrad-advisor@utsc.utoronto.ca

Program Requirements

Students must complete 12.0 credits, of which at least 4.0 credits must be at the C- or D-level, including at least 1.0 credit at the D-level as follows:

1. 0.5 credit:

[GASA01H3/HISA06H3](#) Introducing Global Asia and its Histories

or

[GASA02H3](#) Introduction to Global Asia Studies

2. 8.0 credits **from the courses listed below**, at the B- or C-level in GAS courses of which 3.0 credits should be at the C-level (students should check course description for prerequisites):

~~[GASB05H3/MDSB05H3](#) Media and Globalization-~~

~~[GASB15H3](#) The Arts of South Asia~~

~~[GASB20H3](#) Gender and Social Institutions in Asia~~

~~[GASB30H3](#) Asian Religions and Cultures~~

~~[GASB33H3](#) Global Buddhism in Historical and Contemporary Societies~~

~~[GASB34H3](#) Culture and Society in Classical South Asia-~~

~~[GASB35H3](#) The Japanese Empire: A Short History~~

~~[GASB57H3/HISB57H3](#) Sub-Continental Histories: South Asia in the World-~~

~~[GASB58H3/HISB58H3](#) Modern Chinese History-~~

~~[GASB67H3/VPHB67H3](#) Religion in the Arts: Buddhist Arts and Cultures-~~

~~[GASB73H3/VPHB73H3](#) Visualizing Asia-~~

~~[GASB75H3/VPHB75H3](#) Religion in the Arts: Hinduism and Jainism-~~

~~[GASB77H3/VPHB77H3](#) Asia in Display~~

~~[GASC19H3/\(IEEC32H3\)/WSTC19H3](#) Gender in East Asian Science and Technology~~

~~[GASC20H3](#) Gendering Global Asia~~

~~[GASC33H3](#) Critical Perspectives in Global Buddhism~~

~~[GASC40H3/MDSC40H3](#) Chinese Media and Politics~~

~~[GASC41H3/\(IEEC21H3\)/MDSC41H3](#) Media and Popular Culture in East and Southeast Asia-~~

~~[GASC42H3](#) Film and Popular Culture in South Asia-~~

~~[GASC43H3](#) Colonialisms and Cultures in Modern East Asia~~

~~[GASC45H3](#) Film and Popular Cultures in East Asia~~

~~[GASC50H3/HISC56H3](#) Comparative Studies of East Asian Legal Cultures~~

~~[GASC53H3/VPHC53H3](#) The Silk Routes-~~

~~[GASC57H3/HISC57H3](#) China and the World~~

~~[GASC74H3/VPHC74H3](#) A Tale of Three Cities: Introduction to Contemporary Art in China~~

3. At least 1.0 credit at the D-level in GAS courses **from the courses listed below** (students should check course description for prerequisites) Students should consult with the Program

Supervisor for advice.

~~[GASD01H3](#) Senior Seminar: Topics in Global Asian Cultures~~

~~[GASD02H3](#) Senior Seminar: Topics in Global Asian Societies~~

~~[GASD03H3](#) Senior Seminar: Special Topics in Global Asia Studies~~

~~[GASD20H3/SOCD20H3](#) Advanced Seminar: Social Change and Gender Relations in Chinese Societies~~

~~[GASD40H3](#) Senior Seminar: Issues in Chinese Media Studies~~

~~[GASD47H3/VPHD47H3](#) Politics and East Asian Art~~

~~[GASD56H3](#) 'Coolies' and Others: Asian Labouring Diasporas in the British Empire~~

~~[GASD58H3/HISD58H3](#) Culture, Politics, and Society in Late Imperial China~~

~~[GASD59H3](#) Law and Society in Chinese History~~

~~[GASD46H3](#) Visual Encounter: The Meeting of Eastern and Western Art~~

4. 2.5 credits from Asian language courses taught at the university, of which at least 1.5 credits should be from courses taken at the B, C, or D-levels. Preferably, these language courses will be taken in sequence. Specialist students who do not qualify for existing upper-level language courses at the university can (with prior written permission from the Program Supervisor) make up any necessary credits with other GAS courses.

MAJOR PROGRAM IN GLOBAL ASIA STUDIES (ARTS)

Undergraduate Advisor: (416) 287-7184 Email: gas-undergrad-advisor@utsc.utoronto.ca

Program Requirements

Students must complete 7.0 full-credits as follows:

1. 0.5 credit:

~~[GASA01H3/HISA06H3](#) Introducing Global Asia and its Histories~~

or

~~[GASA02H3](#) Introduction to Global Asia Studies~~

2. 4.5 credits **from the courses in GAS courses listed below**, of which at least 1.5 credits must be at the C-level and 1.0 at the D-level (students should check course description for prerequisites):

~~[GASB05H3/MDSB05H3](#) Media and Globalization~~

~~[GASB15H3](#) The Arts of South Asia~~

~~[GASB20H3](#) Gender and Social Institutions in Asia~~

~~[GASB30H3](#) Asian Religions and Cultures~~

~~[GASB33H3](#) Global Buddhism in Historical and Contemporary Societies~~

~~[GASB34H3](#) Culture and Society in Classical South Asia~~

~~[GASB35H3](#) The Japanese Empire: A Short History~~

~~[GASB57H3/HISB57H3](#) Sub-Continental Histories: South Asia in the World~~

~~[GASB58H3/HISB58H3](#) Modern Chinese History~~

~~[GASB67H3/VPHB67H3](#) Religion in the Arts: Buddhist Arts and Cultures~~

~~[GASB73H3/VPHB73H3](#) Visualizing Asia~~

~~[GASB75H3/VPHB75H3](#) Religion in the Arts: Hinduism and Jainism~~

~~[GASB77H3/VPHB77H3](#) Asia in Display~~

~~[GASC19H3](#)/~~[IEEC32H3](#)~~/~~[WSTC19H3](#)~~ Gender in East Asian Science and Technology
~~[GASC20H3](#)~~ Gendering Global Asia
~~[GASC33H3](#)~~ Critical Perspectives in Global Buddhism
~~[GASC40H3](#)~~/~~[MDSC40H3](#)~~ Chinese Media and Politics
~~[GASC41H3](#)~~/~~[IEEC21H3](#)~~/~~[MDSC41H3](#)~~ Media and Popular Culture in East and Southeast Asia
~~[GASC42H3](#)~~ Film and Popular Culture in South Asia
~~[GASC43H3](#)~~ Colonialisms and Cultures in Modern East Asia
~~[GASC45H3](#)~~ Film and Popular Cultures in East Asia
~~[GASC50H3](#)~~/~~[HISC56H3](#)~~ Comparative Studies of East Asian Legal Cultures
~~[GASC53H3](#)~~/~~[VPHC53H3](#)~~ The Silk Routes
~~[GASC57H3](#)~~/~~[HISC57H3](#)~~ China and the World
~~[GASC74H3](#)~~/~~[VPHC74H3](#)~~ A Tale of Three Cities: Introduction to Contemporary Art in China
~~[GASD01H3](#)~~ Senior Seminar: Topics in Global Asian Cultures
~~[GASD02H3](#)~~ Senior Seminar: Topics in Global Asian Societies
~~[GASD03H3](#)~~ Senior Seminar: Special Topics in Global Asia Studies
~~[GASD20H3](#)~~/~~[SOCD20H3](#)~~ Advanced Seminar: Social Change and Gender Relations in Chinese Societies
~~[GASD40H3](#)~~ Senior Seminar: Issues in Chinese Media Studies
~~[GASD47H3](#)~~/~~[VPHD47H3](#)~~ Politics and East Asian Art
~~[GASD56H3](#)~~ 'Coolies' and Others: Asian Labouring Diasporas in the British Empire
~~[GASD59H3](#)~~ Law and Society in Chinese History~~

3. 2.0 credits from: Asian language courses taught at the university, of which at least 1.0 credits should be from courses taken at the B, C, or D-levels. Preferably, these language courses will be taken in sequence. Major students who do not qualify for existing upper-level language courses at the university can (with prior written permission of the Program Supervisor) make up any necessary credits with other GAS courses.

MINOR PROGRAM IN GLOBAL ASIA STUDIES (ARTS)

Undergraduate Advisor: (416) 287-7184 Email: gas-undergrad-advisor@utsc.utoronto.ca

Program Requirements

Students must complete 4.0 full-credits as follows:

1. 0.5 credit:

[GASA01H3](#)/[HISA06H3](#) Introducing Global Asia and its Histories

or

[GASA02H3](#) Introduction to Global Asia Studies

2. For the remaining 3.5 credits, students have two options:

- complete 3.5 credits from in GAS courses, the courses listed below, of which at least 1.5 credits must be at the from C- and/or D-level GAS courses listed below; or
- complete 2.5 credits from the courses listed below, in GAS courses of which at least 1.0 credit must be from at the C-and/or D-level; courses listed below, plus 1.0 credit from Asian language courses.

[~~GASB05H3/MDSB05H3~~](#) ~~Media and Globalization~~
[~~GASB15H3~~](#) ~~The Arts of South Asia~~
[~~GASB30H3~~](#) ~~Asian Religions and Cultures~~
[~~GASB33H3~~](#) ~~Global Buddhism in Historical and Contemporary Societies~~
[~~GASB34H3~~](#) ~~Culture and Society in Classical South Asia~~
[~~GASB35H3~~](#) ~~The Japanese Empire: A Short History~~
[~~GASB57H3/HISB57H3~~](#) ~~Sub-Continental Histories: South Asia in the World~~
[~~GASB58H3/HISB58H3~~](#) ~~Modern Chinese History~~
[~~GASB67H3/VPHB67H3~~](#) ~~Religion in the Arts: Buddhist Arts and Cultures~~
[~~GASB73H3/VPHB73H3~~](#) ~~Visualizing Asia~~
[~~GASB75H3/VPHB75H3~~](#) ~~Religion in the Arts: Hinduism and Jainism~~
[~~GASB77H3/VPHB77H3~~](#) ~~Asia in Display~~
[~~GASC19H3/\(IEEC32H3\)/WSTC19H3~~](#) ~~Gender in East Asian Science and Technology~~
[~~GASC20H3~~](#) ~~Gendering Global Asia~~
[~~GASC33H3~~](#) ~~Critical Perspective in Global Buddhism~~
[~~GASC40H3/MDSC40H3~~](#) ~~Chinese Media and Politics~~
[~~GASC41H3/\(IEEC21H3\)/MDSC41H3~~](#) ~~Media and Popular Culture in East and Southeast Asia~~
[~~GASC42H3~~](#) ~~Film and Popular Culture in South Asia~~
[~~GASC43H3~~](#) ~~Colonialisms and Cultures in Modern East Asia~~
[~~GASC45H3~~](#) ~~Film and Popular Cultures in East Asia~~
[~~GASC50H3/HISC56H3~~](#) ~~Comparative Studies of East Asian Legal Cultures~~
[~~GASC53H3/VPHC53H3~~](#) ~~The Silk Routes~~
[~~GASC57H3/HISC57H3~~](#) ~~China and the World~~
[~~GASC74H3/VPHC74H3~~](#) ~~A Tale of Three Cities: Introduction to Contemporary Art in China~~
[~~GASD01H3~~](#) ~~Senior Seminar: Topics in Global Asian Cultures~~
[~~GASD02H3~~](#) ~~Senior Seminar: Topics in Global Asian Societies~~
[~~GASD03H3~~](#) ~~Senior Seminar: Special Topics in Global Asia Studies~~
[~~GASD20H3/SOCD20H3~~](#) ~~Advanced Seminar: Social Change and Gender Relations in Chinese Societies~~
[~~GASD40H3~~](#) ~~Senior Seminar: Issues in Chinese Media Studies~~
[~~GASD47H3/VPHD47H3~~](#) ~~Politics and East Asian Art~~
[~~GASD56H3~~](#) ~~'Coolies' and Others: Asian Labouring Diasporas in the British Empire~~
[~~GASD58H3/HISD58H3~~](#) ~~Culture, Politics, and Society in Late Imperial China~~
[~~GASD59H3~~](#) ~~Law and Society in Chinese History~~

Program change – Major in Women’s and Gender Studies

Overview of Changes:

- Delete requirement 5 (0.5 credit at the D-level in WST courses); add 0.5 credit at the D-level in WST courses to requirement 7 – total requirements increases from 3.0 to 3.5.

Rationale:

To simplify the structure of the program, and make it easier for students to understand and navigate through, the requirement for 0.5 credit at the D-level is moved from requirement 5 to

requirement 7 of the program; requirement 5 is thus eliminated, and requirement 7, which increases from 3.0 to 3.5 credits, becomes requirement 6.

Calendar Copy Showing Changes:

MAJOR PROGRAM IN WOMEN'S AND GENDER STUDIES (ARTS)

Undergraduate Advisor: 416-287-7184 *Email:* wst-undergrad-advisor@utsc.utoronto.ca

Program Requirements

Students must complete seven full credits as follows:

1. [WSTA01H3](#) Introduction to Women's and Gender Studies
and
[WSTA03H3](#) Introduction to Theories of Feminism
2. [WSTB05H3](#) Approaches to Research in Women's and Gender Studies
3. [WSTB11H3](#) Intersections of Inequality
4. [WSTC02H3](#) Research in the Community: Field Experience
5. ~~[WSTD01H3](#) Senior Project in Women's and Gender Studies~~
~~or [WSTD03H3](#) Senior Seminar in Sex, Gender and the Body~~
~~or [WSTD04H3](#) Senior Seminar in Gender, Equity and Human Rights~~
~~or One D-level elective cross-listed with WST, with the approval of the program supervisor~~
6. ~~One~~ 1.0 further credit in WST courses
7. 3.05 credits chosen from the courses identified in the Concentrations table below, of which at least 1.0 credit must be at the C- or D-level, and a further 0.5 credit must be at the D-level (students are cautioned that these courses may have pre-requisites that are not included in the program, and advised to check course descriptions in advance).

Note: To complete requirement #67, students must choose from the courses identified in the concentrations below (students are reminded they must have the pre-requisites). The concentrations are organized into themes to assist students in identifying their interests. There are no program requirements related to the concentrations. Not all courses are offered every year. Please check the Timetable for availability.

Concentrations:

Health, Sexualities, and the Gendered Body	Gender, Equity, and Human Rights
ANTC15H3 Genders and Sexualities ANTD01H3 The Body in Culture and Society ENGC76H3 /(VPAC47H3) The Body in Literature and Film (ENGC77H3) /(VPAC48H3) The Body in Contemporary Culture: Theories and Representations GGRD10H3 Health and Sexuality HLTC02H3 Women and Health: Past and	GASB20H3 Gender and Social Institutions in Asia MGHC23H3 /(MGTC23H3) Diversity in the Workplace POLC94H3 Globalization, Gender and Development SOCC09H3 Sociology of Gender and Work SOCC38H3 Gender and Education WSTB10H3 Women, Power and Protest

Present PSYD18H3 Psychology of Gender WSTB12H3 Women, Violence and Resistance	WSTC14H3 Women, Community and Policy Change
Representations and Constructions of Women and Gender	Gender, Local and Global Communities, and Diaspora
ENGB50H3 Women and Literature: Forging a Tradition [(ENGB51H3) or ENG54H3] Gender and Genre ENG34H3 Early Modern Women and Literature: 1500-1700 ENG51H3 Contemporary Arab Women Writers ENGD80H3 Women and Canadian Writing LINC28H3/WSTC28H3 Language and Gender PHLB13H3 Philosophy and Feminism PSYD18H3 Psychology of Gender SOCB22H3 Sociology of Gender VPHB57H3 Women in the Arts: Hot Mamas, Amazons, and Madonnas WSTB13H3 Gender, Media and Culture WSTC12H3 Writing the Self: Global Women's Autobiographies WSTC16H3 Criminal Women: Gender, Justice and the Media WSTC22H3 Women and Film	ANTC14H3 Feminism and Anthropology GASC20H3 Gendering Global Asia GASD20H3 Advanced Seminar: Social Change and Gender Relations in Chinese Societies GGRD09H3 Feminist Geographies HISC45H3 Immigrant and Race Relations in Canadian History HISD30H3 Gendering America HISD46H3/WSTD46H3 Selected Topics in Canadian Women's History HISD56H3 'Coolies' and Others: Asian Labouring Diasporas in the British Empire HISD16H3/WSTD16H3:Socialist Feminism in Global Context SOCB49H3 Sociology of Family SOCC24H3 Sociology of Gender and Families SOCC29H3 Special Topics in Sociology of Family WSTC10H3 Women and Development WSTC11H3 Applied Studies in Women and Development WSTC13H3 Women, Gender and Islam WSTC19H3 Gender in East Asian Science and Technology WSTC20H3 Women and Environments WSTC21H3 Gender, Health, Science in Transnational Perspective WSTD10H3 Telling Stories: Women's Oral History

Course change – GASC40H3

Rationale:

Updates in alignment with double-numbered partner course MDSC40H3.

Calendar Copy Showing Changes:

GASC40H3 Chinese Media and Politics

This course examines the complex and dynamic interplay of media and politics in contemporary China and the role of the government in this process.

Same as MDSC40H3

Prerequisite: 4.0 credits including ACMB01H3 [(HUMA01H3) or ACMA01H3]

Exclusion: MDSC40H3

Breadth Requirement: History, Philosophy & Cultural Studies

Course change – GASC41H3

Rationale:

This course focuses entirely on East Asia. Changes to the title and description reflect this reality and will eliminate potential student confusion.

Calendar Copy Showing Changes:

GASC41H3 Media and Popular Culture in East and Southeast Asia

This course introduces students to media industries and commercial popular cultural forms in East and Southeast Asia. Topics include reality TV, TV dramas, anime, and manga as well as issues such as regional cultural flows, global impact of Asian popular culture, and the localization of global media in East Asia.

Same as (IEEC21H3) and MDSC41H3

Prerequisite: 4.0 credits, including ACMB01H3 [(HUMA01H3) or ACMA01H3]

Exclusion: (HUMC54H3), (IEEC21H3) and MDSC41H3

Breadth Requirement: History, Philosophy & Cultural Studies

Course change – GASC43H3

Rationale:

GASB35H3 is being deleted and the prerequisites have been updated to reflect this change. The description has been modified to give it a broader scope. This will not impact the course learning outcomes.

Calendar Copy Showing Changes:

GASC43H3 Colonialisms and Cultures in Modern East Asia

This course explores Japanese colonialism and its cultures in East Asia. It seeks to understand the central role that culture played in the development of colonialism, modernity, and nationalism in modern Japan, Korea, China, and Taiwan. Key issues include sexuality, race, medicine, mass media, and consumption.

Prerequisite: GASB35H3, and only Any one of [GASB20H3 or GASB58H3/HISB58H3 or GASC20H3]

Enrolment Limits: 50

Breadth Requirement: History, Philosophy & Cultural Studies

Course change – GASC59H3

Rationale:

The revised course title and description reflect the broader content of the course, which will include the historical and cultural constitution of everyday life, religious practice, social history, migration and agrarian relations. The prerequisite has been revised to open it to a wider group of students.

Calendar Copy Showing Changes:

GASC59H3 ~~Being Tamil: Race, Culture, Nation~~ **The Making of Tamil Worlds**

This course explores the transnational history of Tamil ~~nationalism in the modern world.~~ **worlds.** ~~How have ideas of race and culture created modern Tamil national identity? Themes include ethnic politics, self-determination, mass mobilization and diaspora.~~ **In addition to exploring modern Tamil identities, the course will cover themes such as mass migration, ecology, social and economic life, and literary history.**

Same as [HISC59H3](#)

Africa and Asia Area

Prerequisite: 4.0 credits and [an additional 0.5 credit in HCS or ANT courses]

~~[[GASA01H3/HISA06H3 or GASA02H3 or GASB57H3/HISB57H3] and 1.0 additional credit in GAS or HIS courses] or [SOCB60H3 and an additional 8.0 credits]~~

Exclusion: [HISC59H3](#), (GASB54H3), (HISB54H3)

Breadth Requirement: History, Philosophy & Cultural Studies

Course change – HISC45H3

Rationale:

There is sufficient overlap between HIS312H and HISC45H3 to warrant adding the former as an exclusion.

Calendar Copy Showing Changes:

HISC45H3 ~~Immigrants and Race Relations in Canadian History~~

An examination of aspects of the history of immigrants and race relations in Canada, particularly for the period 1840s 1960s.

The course covers various immigrant and racialized groups and explores how class, gender and race/ethnicity shaped experiences and racial/ethnic relations.

Canadian Area

Prerequisite: Any 4.0 credits

Exclusion: HIS312H

Breadth Requirement: History, Philosophy & Cultural Studies

Course change – HISC52H3

Rationale:

Establishes a double-numbered pairing. Changes to align course with the new course AFSC52H3.

Calendar Copy Showing Changes:

HISC52H3 ~~A History of Ethiopia~~ **Ethiopia: Seeting History**

~~Ethiopia from the fourth through the nineteenth century, with particular emphasis on the Christian Church, the monarchy, links with both the Mediterranean world and the Indian subcontinent, and the relationship of individuals to their social, economic, artistic and geographic environments.~~

This course uses a focus on material history and visual culture to explore Ethiopia from the fourth through the nineteenth century, with particular emphasis on the Christian Church, the monarchy, links with both the Mediterranean world and the Indian subcontinent, and the relationship of individuals to their social, economic, artistic and geographic environments.

Same as AFSC52H3 and VPHC52H3

0.50 pre-1800 credit

Africa and Asia Area

Prerequisite: [1.0 credit in History] or [VPHA46H3 and ACMB01H3 and an additional 1.0 credit in VPH courses]

Exclusion: AFSC52H3, VPHC52H3

Breadth Requirement: History, Philosophy & Cultural Studies

Course change – HISC55H3

Rationale:

Establishes a double-numbered pairing. Changes to align with the new course AFSC55H3.

Calendar Copy Showing Changes:

HISC55H3 War and Society in Modern Africa

Conflict and social change in Africa from the slave trade to contemporary times. Topics include the politics of resistance, women and war, repressive and weak states, the Cold War, guerrilla movements, resource predation. Case studies of anticolonial rebellions, liberation wars, and civil conflicts will be chosen from various regions.

Same as AFSC55H3

Africa and Asia Area

Prerequisite: AFSB50H3/HISB50H3 or AFSB51H3/HISB51H3 or (HISC50H3) or (HISC51H3)

Exclusion: AFSC55H3

Breadth Requirement: History, Philosophy & Cultural Studies

Course change – HISC59H3

Rationale:

The revised course title and description reflect the broader content of the course which will include the historical and cultural constitution of everyday life, religious practice, social history, migration and agrarian relations. The prerequisite has been revised to open it to a wider group of students.

Calendar Copy Showing Changes:

HISC59H3 ~~Being Tamil: Race, Culture, Nation~~ The Making of Tamil Worlds

This course explores the transnational history of Tamil ~~worlds. nationalism in the modern world.~~ How have ideas of race and culture created modern Tamil national identity? Themes include ~~ethnic politics, self-determination, mass mobilization and diaspora.~~ In addition to exploring modern Tamil identities, the course will cover themes such as mass migration, ecology, social and economic life, and literary history.

Same as GASC59H3

Africa and Asia Area

Prerequisite: 4.0 credits and [an additional 0.5 credit in HCS or ANT courses]

~~[[GASA01H3/HISA06H3 or GASA02H3 or GASB57H3/HISB57H3] and 1.0 additional credit in GAS or HIS courses] or [SOCB60H3 and an additional 8.0 credits]~~

Exclusion: GASC59H3, (HISB54H3), (GASB54H3)

Breadth Requirement: History, Philosophy & Cultural Studies

Course change – HISD25H3

Rationale:

- Prerequisite: Experience has shown that the key to success in this course has more to do with having a good grounding in the practice of history more generally than in content specifics related to Canadian history.
- Exclusion: WSTD10H3 is added as an exclusion since it and HISD25H3 are very close in their design. They are taught concurrently and share some instruction in oral history methodology and digital production. CITC10H3 (if taken in Fall 2013) is added as an exclusion, again because of overlap between the two offerings.

Calendar Copy Showing Changes:

HISD25H3 Oral History and Urban Change

An applied research methods course that introduces students to the methods and practice of Oral history, the history of Scarborough, the field of public history and community-based research. A critical part of the class will be to engage in fieldwork related to designing and conducting oral history interviews.

Canadian Area

Prerequisite: ~~HISB40H3 and HISB41H3~~ Any 4.0 credits in HIS courses

Exclusion: (HISC28H3), WSTC02H3 (if taken in Fall 2013), WSTD10H3, HISD44H3 (if taken in Fall 2013 fall session only), CITC10H3 (if taken in Fall 2013)

Enrolment Limits: 20

Breadth Requirement: History, Philosophy & Cultural Studies

Course change – HISD46H3

Rationale:

Establishes a double-numbered pairing. Changes align the course with the new course WSTD46H3.

Calendar Copy Showing Changes:

HISD46H3 Selected Topics in Canadian Women's History

Weekly discussions of assigned readings.

The course covers a broad chronological sweep but also highlights certain themes, including race and gender relations, working women and family economies, sexuality, and women and the courts. We will also explore topics in gender history, including masculinity studies and gay history.

Same as WSTD46H3

Canadian Area

Prerequisite: Any credit in Canadian history

Exclusion: WSTD46H3

Enrolment Limits: 15

Breadth Requirement: History, Philosophy & Cultural Studies

NOTE: Topics vary from year to year. Check the website

www.utoronto.ca/~hcs/programs/history.html for current offerings.

Course change – HISD51H3

Rationale:

Establishes a double-numbered pairing. Changes align the course with the new course AFSD51H3.

Calendar Copy Showing Changes:

HISD51H3 Southern Africa: Colonial Rule, Apartheid and Liberation

A seminar study of southern African history from 1900 to the present. Students will consider industrialization in South Africa, segregation, apartheid, colonial rule, liberation movements, and the impact of the Cold War. Historiography and questions of race, class and gender will be important. Extensive reading and student presentations are required.

Same as AFSD51H3

Africa and Asia Area

Prerequisite: 8.0 credits including AFSB51H3/HISB51H3 or HISD50H3

Exclusion: AFSD51H3

Enrolment Limits: 15

Breadth Requirement: History, Philosophy & Cultural Studies

Course change – WSTB05H3

Rationale:

WSG202H5 has the same course content as WSTB05H3, and should be included an exclusion.

Calendar Copy Showing Changes:

WSTB05H3 Approaches to Research in Women's and Gender Studies

Using a feminist lens, various methods and methodologies of research in the humanities will be explored. Concepts of paradigm, power, knowledge-creation and ethics will be examined. Students will gain critical reading skills and learn the fundamentals of conducting research. There is an experiential learning component.

Prerequisite: [WSTA01H3](#) or [WSTA03H3](#) or (WSTA02H3)

Exclusion: **WGS202H**, WGS360H

Breadth Requirement: Social & Behavioural Sciences

Course change: ***WSTC02H3***
 WSTD01H3

Rationale:

The current prerequisites include “courses listed in #3”, which is out-dated. The changes will bring the prerequisites up to date.

Calendar Copy Showing Changes:

WSTC02H3 Research in the Community: Field Experience

Students will design and conduct a qualitative research project in the community on an issue of their choice related to women and gender. Field work is the basis of this course. It will also

include an overview of the various phases of carrying out research: planning the research project, choosing appropriate methods for data collection, analyzing the data and reporting the results.

Prerequisite: [WSTA01H3](#) & [WSTA03H3](#) & [WSTB05H3](#) & [WSTB11H3](#) 4-5 & 1.0 full-credits taken from the courses listed in requirement 6 of in #3 and #7 in the Major in **Women's and Gender Studies Program**

Exclusion: (WSTD02H3)

Enrolment Limits: 15

Breadth Requirement: Social & Behavioural Sciences

WSTD01H3 Senior Project in Women's and Gender Studies

An opportunity to undertake an in-depth research topic under the supervision of a Women's and Gender Studies faculty member.

A substantial essay/project on the approved topic will have two evaluators - the course coordinator and the supervising faculty member.

This course is only open to Women's and Gender Studies Major program students with a strong record who are completing the last 5 credits of their degree. A proposal must be presented for approval to the course coordinator in the term prior to the start of the course.

Prerequisite: At least 12.0 full credits including [WSTA01H3](#) & [[WSTA03H3](#) or (WSTA02H3)] & [WSTB05H3](#) & [WSTB11H3](#) and 1.0 4-5 full credits taken from the courses listed in requirement #3 and #7- #6 **Women's and Gender Studies Program**.

Course change – WSTD10H3

Rationale:

HISD25H3 is being added as an exclusion because WSTD10H3 and HISD25H3 are very close in their design. They are taught concurrently and share some instruction in oral history methodology and digital production.

Calendar Copy Showing Changes:

WSTD10H3 Telling Stories: Women's Oral History

With a focus on telling women's complex stories of life in Scarborough, this applied research course introduces students to the theory, methods and practice of feminist oral history. The course involves working and studying in the classroom and in the community. 15 hours of community work expected. Supplementary application required.

Prerequisite: 3.5 credits in WST courses, including [[WSTB05H3](#) and 0.5 credit at the C-level]

Exclusion: [HISC28H3](#), [HISD25H3](#), [WSTC02H3](#) (Fall 2013), [HISD44H3](#) (Fall 2013), [CITC10H3](#) (Fall 2013)

Enrolment Limits: 20

Breadth Requirement: History, Philosophy & Cultural Studies

Department of Human Geography

Note regarding consultation:

All changes have been approved by the Departmental Curriculum Committee, and reviewed by the Dean's Office. Where changes may have had an impact on outside academic units, appropriate consultation has taken place.

**Program change: Major in City Studies (BA)
Major Co-op in City Studies (BA)**

Overview of Changes:

- Replace STAB22H3 with STAB23H3 for Requirement 4-Methods
- Add ANTC18H3 as an optional course to meet Requirement 5- Applications
- CITC05H3 and CITC06H3 are updated to CITD05H3 and CITD06H3 to reflect course level change proposals in Requirement 5- Applications

Rationale:

- STAB22H3 is replaced by STAB23H3, which has been developed in collaboration with the Department of Computer and Mathematical Sciences. Content is focused on key problems in the social sciences with an emphasis on the application of methods to real data.
- ANTC18H3 is an introduction to the ethnographic study of neighbourhoods and urban institutions. It would provide City Studies students an important opportunity to acquire conceptual and theoretical knowledge in urban ethnography and would nicely align with our ethnography methods course GGRC31 Qualitative Geographical Methods: Place and Ethnography and the practical research seminar CITC01H3 Urban Communities and Neighbourhoods Case Study.
- Course codes for CITC05H3, CITC06H3 and EESC21H3 are updated to reflect proposals for course level changes.

Calendar Copy Showing Changes:

MAJOR PROGRAM IN CITY STUDIES (ARTS)

MAJOR CO-OPERATIVE PROGRAM IN CITY STUDIES (ARTS)

Guidelines for Major Program Completion

The City Studies curriculum has three areas of concentration: (1) City-Building, (2) Community Development and (3) City Governance.

Major students are welcome to take courses in more than one area of concentration and are encouraged to take at least three of the City Studies core courses, **CITB02H3** Foundations of City Studies (required for all Major students in City Studies), **CITB01H3** Canadian Cities and Planning, **CITB03H3** Social Planning and Community Development, **CITB04H3** City Politics, or **CITB08H3** Economy of Cities. These core courses cover foundational concepts of the program and are considered essential preparation for upper level courses:

City Building	Community Development	City Governance
CITC03H3 Real Estate and the City	CITC01H3 Urban Communities and Neighbourhoods Case Study	CITC12H3 City Structures and City Choices: Local Government, Management, and Policymaking
CITC04H3 Municipal and Planning Law in Ontario	CITC02H3 Learning in	CITC15H3 Taxing and

CITC14H3 Environmental Planning	Community Service	Spending: Public Finance in Canadian Cities
CITC18H3 Transportation Policy Analysis	CITC07H3 Urban Social Policy	CITC16H3 Planning and Governing the Metropolis
	CITC08H3 Cities and Community Development	CITC17H3 Civic Engagement in Urban Politics

Note: It is Department policy that students without the prerequisite will be removed from the course. Students should carefully check the prerequisites required for particular B-and C-level courses.

Note: That some upper-level courses (e.g. SOC and ECM) are part of limited enrolment programs, with first preference in these courses going to students enrolled in those programs.

Program Requirements

This program requires a total of 7.0 full credits.

1. Introduction to Social Science Thought (1.0 full credit from among the following):
 - ANTA01H3 Introduction to Anthropology: Becoming Human
 - ANTA02H3 Introduction to Anthropology: Culture, Society and Language
 - POLA01H3 Critical Issues in Politics I
 - POLA02H3 Critical Issues in Politics II
 - SOCA01H3 Introduction to Sociology I
 - SOCA02H3 Introduction to Sociology II
 - GGRA02H3 The Geography of Global Processes
 - GGRA03H3 Cities and Environments
 - [MGEA01H3/(ECMA01H3) Introduction to Microeconomics *or* MGEA02H3/(ECMA04H3) Introduction to Microeconomics: A Mathematical Approach]
 - [MGEA05H3/(ECMA05H3) Introduction to Macroeconomics *or* MGEA06H3/(ECMA06H3) Introduction to Macroeconomics: A Mathematical Approach]
2. Core courses (1.5 full credits including)
 - CITB02H3 Foundations of City Studies
 - and*
 - 1.0 credits from among the following:
 - CITB01H3 Canadian Cities and Planning
 - CITB03H3 Social Planning and Community Development
 - CITB04H3 City Politics
 - CITB08H3 Economy of Cities
3. Fundamentals of City Studies (at least 1.5 full credits from among the following):
 - [EESA05H3 Environmental Hazards *or* EESA06H3 Introduction to Planet Earth]
 - GGRB02H3 The Logic of Geographic Thought
 - GGRB05H3 Urban Geography

GGRB13H3 Social Geography
GGRB28H3 Geographies of Disease
POLB50Y3 Canadian Government and Politics
SOCB44H3 Sociology of Cities and Urban Life
WSTB12H3 Women, Violence and Resistance

4. Methods (1.0 full credit):

~~STAB22H3 Statistics I~~ **STAB23H3 Introduction to Statistics for the Social Sciences** or equivalent

0.5 credit from the following:

GGRA30H3 Geographic Information Systems (GIS) and Empirical Reasoning
GGRB30H3 Fundamentals of GIS I
GGRC31H3 Qualitative Geographical Methods: Place and Ethnography

5. Applications (at least 2.0 full credits from among the following):

CITC01H3 Urban Communities and Neighbourhoods Case Study: East Scarborough
CITC02H3 Learning In Community Service
CITC03H3 Real Estate and the City
CITC04H3 Municipal and Planning Law in Ontario
~~CITC05H3~~ **CITD05H3** City Studies Workshop I
~~CITC06H3~~ **CITC06H3** City Studies Workshop II
CITC07H3 Urban Social Policy
CITC08H3 Cities and Community Development
CITC10H3 Selected Issues in City Studies
CITC12H3 City Structures and City Choices: Local Government, Management, and Policy Making
CITC14H3 Environmental Planning
CITC15H3 Taxing and Spending: Public Finance in Canadian Cities
CITC16H3 Planning and Governing the Metropolis
CITC17H3 Civic Engagement in Municipal Politics
CITC18H3 Urban Transportation Policy Analysis
CITD01H3 City Issues and Strategies
CITD10H3 Seminar in Selected Issues in City Studies
CITD30H3 Supervised Research Project
ANTC18H3 Urban Anthropology
~~EESC24~~ **D20H3** Urban Environmental Problems of the Greater Toronto Area
GGRC02H3 Population Geography
GGRC10H3 Urbanization and Development
GGRC11H3 Current Topics in Urban Geography
GGRC12H3 Transportation Geography
GGRC13H3 Urban Political Geography
GGRC27H3 Location and Spatial Development
GGRC33H3 The Toronto Region
GGRC40H3 Megacities and Global Urbanization
GGRC48H3 Geographies of Urban Poverty
GGRD09H3 Feminist Geographies
GGRD14H3 Social Justice and the City

HISC58H3 Delhi and London: Imperial Cities, Mobile People
POLC53H3 Canadian Environmental Policy
PPGC66H3/(POLC66H3) Public Policy Making
PPGC67H3/(POLC67H3) Public Policy in Canada
SOCC26H3 Sociology of Urban Cultural Policies
SOCC27H3 Sociology of Suburbs and Suburbanization
WSTC14H3 Women, Community, and Policy Change
WSTC20H3 Women and Environments

Program change – Major in Human Geography (BA)

Overview of Changes:

- Replace STAB22H3 with STAB23H3 for Requirement 3-Methods

Rationale:

STAB22H3 is being replaced by STAB23H3, which has been developed and motivated by key problems in the social sciences, with an emphasis on the application of methods to real data.

Calendar Copy Showing Changes:

MAJOR PROGRAM IN HUMAN GEOGRAPHY (ARTS)

A Major Program for students interested in Human Geography as an academic discipline. This Program equips students with the knowledge and skills needed to understand contemporary social science thought in the context of the communities, societies, and economies formed by human populations, and the ways in which location, landscape, and spatial context shape (and are shaped by) social structures, functioning, and behaviour.

Guidelines for 1st year course selection

Students intending to complete the Major Program in Human Geography are required to take two of GGRA02H3, GGRA03H3 or GGRA35H3. Enrollment in GGRA35H3 is limited and restricted to first year students. Students are also encouraged to take GGRA30H3 in their first year as a methods course.

Guidelines for Major Program completion:

Courses in the Major Program in Human Geography are divided into three main subdisciplinary areas of focus: Urban Geography, Social/Cultural Geography and Environmental Geography. Major students are encouraged to focus on two areas of focus after second year.

Program Requirements

The Major Program in Human Geography requires a total of 7.0 full credits as follows:

1. Foundations of Human Geography (1.0 credit from the following):
 - GGRA02H3 The Geography of Global Processes
 - GGRA03H3 Cities and Environments
 - GGRA35H3 The Great Scarborough Mashup: People, Place, Community, Experience

2. Theory and Concepts in Human Geography (2.0 credit):
 GGRB02H3 The Logic of Geographical Thought
and
 1.5 credits from:
 GGRB05H3 Urban Geography
 GGRB13H3 Social Geography
 GGRB21H3 Environments and Environmentalisms
 GGRB28H3 Geographies of Disease
 GGRB55H3 Cultural Geography

3. Methods (1.0 credit from the following):
 GGRA30H3 Geographic Information Systems (GIS) and Empirical Reasoning
 GGRB03H3 Writing Geography: From Good to Great
 GGRB30H3 Fundamentals of GIS I
 GGRB32H3 Fundamentals of GIS II
 GGRC31H3 Qualitative Geographical Methods: Place and Ethnography
~~STAB22H3 Statistics I~~ **STAB23H3 Introduction to Statistics for the Social Sciences** or
 equivalent

4. Applications (2.5 credits):
 2.5 credits at the C- and/or D-level in GGR courses

5. Advanced Applications (0.5 credit):
 0.5 credit at the D-level in GGR courses

Course change – CITC05H3

Rationale:

CITC05H3 was introduced to give students, especially those in co-op, practical hands-on experience in managing and participating in public consultation processes, making public presentations, managing design charrettes, writing policy briefing notes, conducting stakeholder interviews, and working with community partner organizations. This is an essential set of skills and knowledge for urban professionals that will make our graduates more competitive on the job market. To gain the most from the course a high level of maturity and prior knowledge is important. By changing to the D-level, we will encourage students to take the course during the second half of 3rd year and during 4th year when they are likely to gain the most benefit from the courses. For Co-op students this will mean that they will have completed all co-op work terms before taking the courses. The course learning outcomes, topics covered, and methods of assessment will be unchanged.

Calendar Copy Showing Changes:

~~CITC05H3~~ **CITD05H3 Cities Studies Workshop I**

City Studies Workshop I provides training in a range of career-oriented research, consulting, and professional skills. Through a series of ~~4-week~~ modules, students will develop professional practice oriented skills, such as conducting public consultations, participating in design charrettes, making public presentations, writing policy briefing notes, conducting stakeholder interviews, working with community partner organizations, organizing and running public

debates, and participant observation of council meetings and policy processes at Toronto City Hall.

Prerequisite: 8.0 credits including CITB02H3 and 1.0 credit at the B-level in CIT courses

Exclusion: (CITC05H3)

Enrolment Limits: 25

Breadth Requirement: Social & Behavioural Sciences

NOTE: ~~This course is designed for third and fourth year students. Priority will be given to students enrolled in the City Studies Major and Major Co-op programs.~~ This course is designed for students in Years 3 and 4 of their program of study. Priority will be given to students enrolled in the Specialist and Major/Major Co-op programs in City Studies.

Course change – CITC06H3

Rationale:

CITC06H3 was introduced to give students, especially those in co-op, practical hands-on experience in managing and participating in public consultation processes, making public presentations, managing design charrettes, writing policy briefing notes, conducting stakeholder interviews, and working with community partner organizations. This is an essential set of skills and knowledge for urban professionals that will make our graduates more competitive on the job market. To gain the most from this course a high level of maturity and prior knowledge is important. By changing to the D-level, we will encourage students to take the course during the second half of 3rd year and during 4th year when they are likely to gain the most benefit from the courses. For Co-op students this will mean that they would have completed all co-op work terms before taking the courses. The course learning outcomes, topics covered, and methods of assessment will be unchanged.

Calendar Copy Showing Changes:

~~CITC06H3~~ **CITD06H3 City Studies Workshop II**

City Studies Workshop I provides training in a range of career-oriented research, consulting, and professional skills. Through a series of ~~4-week~~ modules, students will develop professional practice oriented skills, such as conducting public consultations, participating in design charrettes, making public presentations, writing policy briefing notes, conducting stakeholder interviews, working with community partner organizations, organizing and running public debates, and participant observation of council meetings and policy processes at Toronto City Hall.

Prerequisite: 8.0 credits including [CITB02H3 and 1.0 credit at the B-level in CIT courses]

Exclusion: (CITC06H3)

Enrolment Limits: 25

Breadth Requirement: Social & Behavioural Sciences

NOTE: ~~This course is designed for third and fourth year students. Priority will be given to students enrolled in the Major/Major Co-op programs in City Studies.~~ This course is designed for students in Years 3 and 4 of their program of study. Priority will be given to students enrolled in the Specialist and Major/Major Co-op programs in City Studies.

Course change – GGRC32H3

Rationale:

STAB23H3 is a new course that replaces STAB22H3 because it covers material on key problems in the social sciences, with an emphasis on the application of methods to real data.

Calendar Copy Showing Changes:

GGRC32H3 Essential Spatial Analysis

This course builds on introductory statistics and GIS courses by introducing students to the core concepts and methods of spatial analysis. With an emphasis on spatial thinking in an urban context, topics such as distance decay, distance metrics, spatial interaction, spatial distributions, and spatial autocorrelation will be used to quantify spatial patterns and identify spatial processes. These tools are the essential building blocks for the quantitative analysis of urban spatial data.

Area of focus: Urban Geography

Prerequisite: Any 8.0 credits including [~~STAB22H3~~ STAB23H3 and GGRB30H3]

Exclusion: GGR276H

Enrolment Limits: 60

Breadth Requirement: Quantitative Reasoning

Department of Management

Note regarding consultation:

All changes have been approved by the Departmental Curriculum Committee, and reviewed by the Dean's Office. Where changes may have had an impact on outside academic units, appropriate consultation has taken place.

Program change: ***Specialist in Management and Finance (BBA)***
 Specialist Co-op in Management and Finance (BBA)

Overview of Changes:

- Add MGFD15H3 as an optional course in requirement #6.

Rationale:

MGFD15H3 is an elective course delineating an important topic in Finance – Private Equity, and is an appropriate option for students in Specialist/Specialist Co-op in Management and Finance.

Calendar Copy Showing Changes:

SPECIALIST PROGRAM IN MANAGEMENT AND FINANCE (BACHELOR OF BUSINESS ADMINISTRATION)

Academic Director: S. Ahmed Email: mgmtss@utsc.utoronto.ca

This Program which has a co-op option builds on the core of the Specialist in Management Program and offers a deeper and wider coverage of Finance topics. The Program courses will equip students with a comprehensive understanding of financial issues and concepts, and with a firm mastery of methodologies and problem solving skills required in modern-day finance.

Program Requirements

The Program requires the completion of 15.5 to 16.5 credits as part of a twenty-credit B.B.A. degree.

Note: A single course may only be used once to fulfill one of the following requirements:

1. (7.0 to 8.0 credits, depending on the combination of courses completed):

[MGMA01H3](#)/(MGTB04H3) Principles of Marketing

[MGTA05H3](#) Foundations of Business Management or [([MGTA01H3](#)/MGTA03H3) and ([MGTA02H3](#)/MGTA04H3)]

[[MGTA35H3](#) Management Communications for non Co-op or [MGTA36H3](#) Management Communications for Co-op or (MGTC36H3)]

[MGAB01H3](#)/(MGTB05H3) Introductory Financial Accounting I

[MGAB02H3](#)/(MGTB06H3) Introductory Financial Accounting II

[MGAB03H3](#)/(MGTB03H3) Introductory Management Accounting

[MGFB10H3](#)/(MGTB09H3) Principles of Finance

[[MGHB02H3](#) Managing People and Groups in Organizations or [(MGTB23H3) and (MGTB29H3)] or (MGTB27Y3)]

[MGHB12H3](#)/(MGTC22H3) Human Resource Management

[MGMB01H3](#)/(MGTC05H3) Marketing Management

[MGFC10H3](#)/(MGTC09H3) Intermediate Finance

[MGHC02H3](#)/(MGTC90H3) Management Skills

[MGOC10H3](#)/(MGTC74H3) Analysis for Decision Making

[MGOC20H3](#)/(MGTC75H3) Operations Management: A Mathematical Approach

2. (1.0 credit):

[[MATA32H3](#) and [MATA33H3](#)] strongly recommended, or

[[MATA30H3](#)/A31H3 and [MATA35H3](#)/A36H/A37H3]

3. At least 0.5 credit of courses emphasizing strategic management, chosen from:

[MGSC01H3](#)/(MGTC41H3) Corporate Strategy

[MGSC03H3](#)/(MGTC42H3) Public Management

[MGSC05H3](#)/(MGTC45H3) The Changing World of Business-Government Relations

[MGSC12H3](#)/(MGTC35H3) Narrative and Management

[MGSC14H3](#)/(MGTC59H3) Management Ethics

[MGSC20H3](#)/(MGTC19H3) New Ways of Work: Consulting, Contracting & Freelancing

[MGSB22H3](#)/(MGSC22H3/MGTC38H3) Entrepreneurship

[MGSD24H3](#)/(MGSC24H3/MGTC39H3) New Venture Creation and Planning

[MGSC30H3](#)/(MGTC31H3) The Legal Environment of Business I

4. (4.0 credits):

[MGEA02H3](#)/(ECMA04H3) Introduction to Microeconomics: A Mathematical Approach

[MGEA06H3](#)/(ECMA06H3) Introduction to Macroeconomics: A Mathematical Approach

[MGEB02H3](#)/(ECMB02H3) Price Theory: A Mathematical Approach

[MGEB06H3](#)/(ECMB06H3) Macroeconomic Theory and Policy: A Mathematical Approach

[MGEB11H3](#)/(ECMB11H3) Quantitative Methods in Economics I

[MGEB12H3](#)/(ECMB12H3) Quantitative Methods in Economics II and

1 full credit of C-level Economics for Management Studies courses [excluding [MGEC91H3](#)/(ECMC91H3), [MGEC92H3](#)/(ECMC92H3), [MGEC93H3](#)/(ECMC93H3)]

5. (1.0 credit):

[MGFC30H3](#)/(MGTC71H3) Introduction to Derivative Markets

[MGFD10H3](#)/(MGTD75H3) Investments

6. At least 2.0 full credits from:

[MGEC71H3](#)/(ECMC48H3) Money and Banking

[MGFC20H3](#)/(MGTC70H3) Personal Financial Management

[MGFC50H3](#)/(MGTC76H3) International Financial Management

[MGFC60H3](#)/(MGTC77H3) Financial Statement Analysis & Security Valuation

[MGFD15H3](#) **Special Topics in Finance: Private Equity** (*note: this is a revised course title that will be implemented for 2016-17*)

[MGFD30H3](#)/(MGTD78H3) Risk Management

[MGFD40H3](#)/(MGTD73H3) Investor Psychology & Behavioural Finance

[MGFD50H3](#)/(MGTD72H3) Mergers & Acquisitions: Theory & Practice

[MGFD60H3](#)/(MGTD77H3) Financial Modelling & Trading Strategies

[MGFD70H3](#)/(MGTD71H3) Advanced Financial Management

NOTE: In selecting options and electives, students should refer to the guidelines for program breadth and depth found in the [Degree Requirements](#) section of this *Calendar*.

Program change: ***Specialist in Strategic Management (BBA)***
 Specialist Co-op in Strategic Management (BBA)

Overview of Changes:

- [MGEC43H3](#) has been updated to [MGED43H3](#) to reflect course level change.

Rationale:

[MGEC43H3](#) is being changed to a D-level course - coded [MGED43H3](#). The program is being updated to reflect this change.

Calendar Copy Showing Changes:

SPECIALIST PROGRAM IN STRATEGIC MANAGEMENT (BACHELOR OF BUSINESS ADMINISTRATION)

Academic Director: S. Ahmed *Email:* mgmtss@utsc.utoronto.ca

This Program has two streams:

The **Management Strategy** stream is designed to give students a broad exposure to all functional areas of Management, as well as a solid grounding in Strategic Management, while providing a variety of elective courses to appeal to students interested in any one of the three sectors. It covers the direction and coordination of private sector, public sector, or non-profit sector organizations.

The **Entrepreneurship** stream is designed to provide students with the tools to work in a variety of self-employment or entrepreneur career paths, which include working in family businesses, start-ups, or as consultants. The program will allow for significant training of entrepreneurial skills and non-entrepreneurial skills.

Both streams have a non-co-op and a co-op component. Co-op students should see the section regarding work term requirements for specific details on courses required before each work term.

Program Requirements

To complete the program, a student must meet the course requirements described below. The program requirements comprise a core of 12.5 to 13.5 credits common to both streams, and additional requirements which depend on the stream for a total of 15.0 to 16.0 credits for the Management Strategy stream and 16.0 to 17.0 credits for the Entrepreneurship stream.

Note: A single course may only be used once to fulfill one of the following requirements:

Core (12.5 to 13.5 credits):

1. (7.5 to 8.5 credits, depending on the combination of courses completed):

[MGMA01H3](#)/(MGTB04H3) Principles of Marketing
[MGTA05H3](#) Foundations of Business Management or [([MGTA01H3](#)/MGTA03H3) and ([MGTA02H3](#)/MGTA04H3)]
[[MGTA35H3](#) Management Communications for non Co-op or [MGTA36H3](#) Management Communications for Co-op or (MGTC36H3)]
[MGAB01H3](#)/(MGTB05H3) Introductory Financial Accounting I
[MGAB02H3](#)/(MGTB06H3) Introductory Financial Accounting II
[MGAB03H3](#)/(MGTB03H3) Introductory Management Accounting
[MGFB10H3](#)/(MGTB09H3) Principles of Finance
[[MGHB02H3](#) Managing People and Groups in Organizations or [(MGTB23H3) and (MGTB29H3)] or (MGTB27Y3)]
[MGHB12H3](#)/(MGTC22H3) Human Resource Management
[MGMB01H3](#)/(MGTC05H3) Marketing Management
[MGFC10H3](#)/(MGTC09H3) Intermediate Finance
[MGHC02H3](#)/(MGTC90H3) Management Skills
[MGOC10H3](#)/(MGTC74H3) Analysis for Decision Making
[MGOC20H3](#)/(MGTC75H3) Operations Management: A Mathematical Approach
One additional half-credit (0.5) at the D-level in either Management or Economics for Management Studies courses

2. (1.0 credit):

[[MATA32H3](#) and [MATA33H3](#)] strongly recommended, or
[[MATA30H3](#)/A31H3 and [MATA35H3](#)/A36H3/A37H3]

3. (4.0 credits):

[MGEA02H3](#)/(ECMA04H3) Introduction to Microeconomics: A Mathematical Approach
[MGEA06H3](#)/(ECMA06H3) Introduction to Macroeconomics: A Mathematical Approach
[MGEB02H3](#)/(ECMB02H3) Price Theory: A Mathematical Approach

[MGEB06H3](#)/(ECMB06H3) Macroeconomic Theory and Policy: A Mathematical Approach
[MGEB11H3](#)/(ECMB11H3) Quantitative Methods in Economics I
[MGEB12H3](#)/(ECMB12H3) Quantitative Methods in Economics II, and
1 full credit of C-level Economics for Management Studies courses [excluding
[MGEC91H3](#)/(ECMC91H3), [MGEC92H3](#)/(ECMC92H3), [MGEC93H3](#)/(ECMC93H3)]

Management Strategy Stream (2.5 credits):

4. At least 0.5 credit of courses emphasizing strategic management, chosen from:

[MGSB22H3](#)/(MGTC38H3) Entrepreneurship
[MGSC12H3](#)/(MGTC35H3) Narrative and Management
[MGSC14H3](#)/(MGTC59H3) Management Ethics
[MGSC20H3](#)/(MGTC19H3) New Ways of Work: Consulting, Contracting & Freelancing
[MGSC30H3](#)/(MGTC31H3) The Legal Environment of Business I
[MGSD24H3](#)/(MGTC39H3) New Venture Creation and Planning

5. 1.0 credit from:

[MGSC01H3](#)/(MGTC41H3) Corporate Strategy
[MGSC03H3](#)/(MGTC42H3) Public Management, or
[MGSC05H3](#)/(MGTC45H3) The Changing World of Business-Government Relations

6. 0.5 credit from:

[MGEB32H3](#)/(ECMB36H3) Economics Aspects of Public Policy
[MGEC31H3](#)/(ECMC31H3) Economics of the Public Sector: Taxation
[MGEC32H3](#)/(ECMC32H3) Economics of the Public Sector: Expenditures
[MGED43H3](#)/([MGEC43H3](#))/(ECMC43H3) Organization Strategies
[MGMC30H3](#)/(MGTC33H3) Event and Sponsorship Management
[MGSB22H3](#)/(MGTC38H3) Entrepreneurship
[MGSC01H3](#)/(MGTC41H3) Corporate Strategy
[MGSC03H3](#)/(MGTC42H3) Public Management
[MGSC05H3](#)/(MGTC45H3) The Changing World of Business-Government Relations
[MGSC12H3](#)/(MGTC35H3) Narrative and Management
[MGSC14H3](#)/(MGTC59H3) Management Ethics
[MGSC20H3](#)/(MGTC19H3) New Ways of Work: Consulting, Contracting & Freelancing
[MGSC30H3](#)/(MGTC31H3) The Legal Environment of Business I
[MGSC32H3](#)/(MGTC32H3) The Legal Environment of Business II
[MGSD24H3](#)/(MGTC39H3) New Venture Creation and Planning
[MGTC55H3](#) Planning & Budgeting for Public Institutions
[MGTC56H3](#) Educational Finance & Economics
[MGAD40H3](#)/(MGTD54H3) Management Control Systems
[MGSD10H3](#)/(MGTD40H3) Knowledge Management
[MGSD30H3](#)/(MGTD45H3) Intellectual Property Law
[PPGC66H3](#) Public Policy Making

7. (0.5 credit):

[MGSD01H3](#)/(MGTD47H3) Senior Seminar in Strategic Management

Course change – MGEC43H3

Rationale:

This course is more appropriately set at the D-level, and the change will increase the D-level offerings in Economics, thus giving students more options. Also, the enrolment limit has been revised to reflect a D-level offering.

Calendar Copy Showing Changes:

MGEC43H3 MGED43H3 Organization Strategies

Explores the issue of outsourcing, and broadly defines which activities should a firm do "in-house" and which should it take outside? Using a combination of cases and economic analysis, it develops a framework for determining the "best" firm organization.

Prerequisite: [MGEB02H3](#)/(ECMB02H3) and [[MGEC40H3](#)/(ECMC40H3) or [MGEC41H3](#)/(ECMC41H3)]

Exclusion: (**MGEC43H3**), (ECMC43H3), RSM481H, (MGT481H)

Enrolment Limits: ~~60~~40

Breadth Requirement: Social & Behavioural Sciences

Course change – MGAB01H3

Rationale:

In the past, MGTA05H3 was offered only in the first term and was to be taken at the same time as MGAB01H3. We now offer MGTA05H3 in both Fall and Winter terms, and no longer require accounting students to take MGTA05H3 as either a prerequisite or a co-requisite for MGAB01H3. The skills taught in introductory accounting do not require MGTA05H3.

Calendar Copy Showing Changes:

MGAB01H3 Introductory Financial Accounting I

Together with [MGAB02H3](#)/(MGTB06H3), this course provides a rigorous introduction to accounting techniques and to the principles and concepts underlying these techniques.

The preparation of financial statements is addressed from the point of view of both preparers and users of financial information.

Corequisite: [MGTA05H3](#)

Exclusion: (MGTB05H3), [VPAB13H3](#), MGT120H, MGT201H, MGT220H, RSM219H, RSM220H

Enrolment Limits: 60

Breadth Requirement: Social & Behavioural Sciences

Course change – MGAC60H3

Rationale:

This course should be designated as a D level course to reflect its difficulty. It is at a similar level in 4th year in the Rotman Commerce program.

Calendar Copy Showing Changes:

MGAC60H3 MGAD65H3 Canadian Income Taxation II

This course is designed to give the student an understanding of the more complex issues of federal income taxation, by applying current tax law to practical problems and cases. Topics include: computation of corporate taxes, corporate distributions, corporate re-organizations, partnerships, trusts, and individual and corporate tax planning.

Prerequisite: [MGAC50H3](#)/(MGTC16H3)

Exclusion: (MGTC17H3), (MGAC60H3), MGT429H, RSM424H

Enrolment Limits: 60

Breadth Requirement: Social & Behavioural Sciences

Course change – MGAD10H3

Rationale:

This course should be designated as a C level course to reflect its difficulty. It is at a similar level in 3rd year in the Rotman Commerce program.

Calendar Copy Showing Changes:

MGAD10H3 MGAC10H3 Auditing

An introduction to the principles and practice of auditing. The course is designed to provide students with a foundation in the theoretical and practical approaches to auditing by emphasizing auditing theory and concepts, with some discussion of audit procedures and the legal and professional responsibilities of the auditor.

Prerequisite: [MGAC01H3](#)/(MGTC07H3)

Exclusion: (MGTD60H3), (MGAD10H3)

Enrolment Limits: 60

Breadth Requirement: Social & Behavioural Sciences

Course change – MGAD20H3

Rationale:

The department has submitted a course level change for MGAD10H3 to be recoded to MGAC10H3. Since MGAC10H3 is a prerequisite for MGAD20H3, MGAD20H3 has to be updated for the prerequisite coding.

Calendar Copy Showing Changes:

MGAD20H3 Advanced Auditing

An extension of the study of areas covered in the introductory audit course and will include the application of risk and materiality to more advanced topic areas such as pension and comprehensive auditing. Other topics include special reports, future oriented financial information and prospectuses. This will include a review of current developments and literature.

Prerequisite: [MGAC10H3](#)/([MGAD10H3](#))/(MGTD60H3)

Exclusion: (MGTD61H3)

Enrolment Limits: 60

Breadth Requirement: Social & Behavioural Sciences

Course change – MGAD70H3

Rationale:

The course title and description are being updated to better reflect its content and to make it clear that it is a capstone course. Students only need to take the first half of MGAD10H3 before taking MGAD70H3, and can take MGAD20H3 (second half of auditing) at the same time as MGAD70H3; therefore it makes sense to add MGAD20H3 is being added as a co-requisite to ensure students are able to complete their program in 4 years.

Calendar Copy Showing Changes:

MGAD70H3 Advanced Accounting Case Analysis: A Capstone Course

~~This capstone case analysis course stresses the critical thinking skills required of Management program graduates. Due to its integrative nature, with emphasis on current accounting issues, the course is primarily directed towards accounting students. And it should be taken among the last five credits of an accounting specialist degree. Cases will strategically include the specific competency areas outlined in the CPA's Candidates Competency Map.~~

A capstone case course integrating critical thinking, problem solving, professional judgement and ethics. Business simulations will strategically include the specific technical competency areas and the enabling skills of the CPA Competency Map. This course should be taken as part of the last 5.0 credits of the Specialist/Specialist Co-op in Management and Accounting.

Prerequisite: [MGAC01H3](#)/(MGTC07H3) and [MGAC02H3](#)/(MGTC08H3)

Corequisite: MGAD20H3

Exclusion: (MGTD56H3)

Enrolment Limits: 40

Breadth Requirement: History, Philosophy, & Cultural Studies

Course change – MGFD40H3

Rationale:

This includes lab sessions in which students program with SAS and Stata for trading strategies and event studies. The lab sessions are instructor-led and conducting lab sessions for 40 students is overwhelming because the students have very little knowledge in programming and data analysis.

We currently offer only one section of MGFD40H3 with an enrolment limit of 40 students. In addition to enrolled students, there are 36 students on the (unique) wait list. Given the high demand from students, the Department has decided to add one more section in academic year 2016-2017, which allows us to meet student demand and implement the limit reduction.

Calendar Copy Showing Changes:

MGFD40H3 Investor Psychology and Behavioural Finance

This course is designed to help students understand how different psychological biases can affect investor behaviours and lead to systematic mispricing in the financial market. With simulated trading games, students will learn and practice various trading strategies to take advantage of these market anomalies.

Prerequisite: MGFC10H3/(MGTC09H3) and MGEB12H3/(ECMB12H3)

Exclusion: (MGTD73H3), MGT430H

Enrolment Limits: ~~40~~ 30
Breadth Requirement: Social & Behavioural Sciences

Course change: ***MGHB12H3***
 MGHC02H3
 MGHC23H3
 MGHC52H3

Rationale:

MGIB02H3 is being added to the prerequisites for consistency and clarity. Specialist in Management and International Business (MIB) courses need to be represented as equivalent prerequisites for all applicable courses in the event that MIB students need to take such courses, or that they may desire to switch from one specialist to another. Adding MGIB02H3 ensures that all our students will meet the prerequisite requirements and alleviate anxieties during course enrolment.

Calendar Copy Showing Changes:

MGHB12H3 Human Resource Management

An introduction to current human resource practices in Canada, emphasizing the role of Human Resource Management in enhancing performance, productivity and profitability of the organization. Topics include recruitment, selection, training, career planning and development, diversity and human rights issues in the work place.

Prerequisite: [MGHB02H3](#) or [MGIB02H3](#) or [([MGTB23H3](#)) and ([MGTB29H3](#))] or ([MGTB27Y3](#))

Exclusion: [MGIB12H3](#)/([MGTB22H3](#)), ([MGTC22H3](#)), [MGT460H](#), [RSM460H](#)

Enrolment Limits: 60

Breadth Requirement: Social & Behavioural Sciences

MGHC02H3 Management Skills

This course will help students develop the critical skills required by today's managers. Topics covered include self-awareness, managing stress and conflict, using power and influence, negotiation, goal setting, and problem-solving. These skills are important for leadership and will enable students to behave more effectively in their working and personal lives.

Prerequisite: [MGHB02H3](#) or [MGIB02H3](#) or ([MGTB23H3](#))

Exclusion: ([MGTC24H3](#)), ([MGTC90H3](#)), [MGIC02H3](#)/([MGTC91H3](#))

Enrolment Limits: 40

Breadth Requirement: Social & Behavioural Sciences

MGHC23H3 Diversity in the Workplace

Examines the nature and effects of diversity in the workplace. Drawing on theories and research from psychology, the course will examine topics like stereotyping, harassment, discrimination, organizational climate for diversity, conflict resolution within diverse teams, and marketing to a diverse clientele.

Prerequisite: [MGHB02H3](#) or [MGIB02H3](#) or ([MGTB23H3](#)) or ([MGTB27Y3](#))

Exclusion: ([MGTC23H3](#))

Enrolment Limits: 40

Breadth Requirement: Social & Behavioural Sciences

MGHC52H3 Business Negotiation

An introduction to the theory and practice of negotiation in business. This course develops approaches and tactics to use in different forums of negotiation, and an introduction to traditional and emerging procedures for resolving disputes. To gain practical experience, students will participate in exercises which simulate negotiations.

Prerequisite: [MGHB02H3](#) or [MGIB02H3](#) or [([MGTB23H3](#)) and ([MGTB29H3](#))] or ([MGTB27Y3](#))

Exclusion: ([MGTC52H3](#))

Enrolment Limits: 40

Breadth Requirement: Social & Behavioural Sciences

Course change – MGH D-levels

Rationale:

MGIB12H3 is being added to the prerequisites for consistency and clarity. Specialist in Management and International Business (MIB) courses need to be represented as equivalent prerequisites for all applicable courses in the event that MIB students need to take such courses, or that they may desire to switch from one specialist to another. Adding MGIB12H3 ensures that all our students will meet the prerequisite requirements and alleviate anxieties during course enrolment.

Calendar Copy Showing Changes:

MGHD24H3 Occupational Health and Safety Management

Occupational health and safety is a management function, however, many managers are not prepared for this role when they arrive in their first jobs. This course will consider the physical, psychological, social, and legal environments relevant to health and safety in the workplace.

Prerequisite: [MGHB12H3](#)/[MGTC22H3](#) or [MGIB12H3](#)

Exclusion: ([MGTD24H3](#))

Enrolment Limits: 30

Breadth Requirement: Social & Behavioural Sciences

MGHD25H3 Human Resources Recruitment and Selection

An in-depth look at recruitment and selection practices in organizations. Students will learn about organizational recruitment strategies, the legal issues surrounding recruitment and selection, how to screen job applicants, and the role of employee testing and employee interviews in making selection decisions.

Prerequisite: [MGHB12H3](#)/[MGTC22H3](#) or [MGIB12H3](#)

Exclusion: ([MGTD25H3](#))

Enrolment Limits: 40

Breadth Requirement: Social & Behavioural Sciences

MGHD26H3 Training and Development

This course is designed to teach students about the training and development process. Topics include how training and development fits within the larger organizational context as well as learning, needs analysis, the design and delivery of training programs, on and off-the-job training methods, the transfer of training, and training evaluation.

Prerequisite: [MGHB12H3](#)/(MGTC22H3) or [MGIB12H3](#)

Exclusion: (MGTD26H3)

Enrolment Limits: 40

Breadth Requirement: Social & Behavioural Sciences

MGHD27H3 Human Resources Planning and Strategy

This course is designed to provide students with an understanding of strategic human resources management and the human resource planning process. Students will learn how to forecast, design, and develop human resource plans and requirements using both qualitative and quantitative techniques.

Prerequisite: [MGHB12H3](#)/(MGTC22H3) or [MGIB12H3](#)

Exclusion: (MGTD27H3)

Enrolment Limits: 40

Breadth Requirement: Social & Behavioural Sciences

MGHD28H3 Compensation

This course is designed to provide students with an understanding of compensation programs and systems. Students will learn how to design and manage compensation and benefit programs; individual and group reward and incentive plans; and how to evaluate jobs and assess employee performance.

Prerequisite: [MGHB12H3](#)/(MGTC22H3) or [MGIB12H3](#)

Exclusion: (MGTD28H3)

Enrolment Limits: 40

Breadth Requirement: Social & Behavioural Sciences

Course change – MGHD14H3

Rationale:

MGIB02H3 and MGIC02H3 are being added to the prerequisites for consistency and clarity. Specialist in Management and International Business (MIB) courses need to be represented as equivalent prerequisites for all applicable courses in the event that MIB students need to take such courses, or that they may desire to switch from one specialist to another. Adding MGIB02H3 and MGIC02H3 ensures that all our students will meet the prerequisite requirements and alleviate anxieties during course enrolment. MGTC24H3 is being deleted because it has not been offered since 2008.

Calendar Copy Showing Changes:

MGHD14H3 Leadership

This advanced leadership seminar builds on [MGHC02H3](#)/(MGTC90H3) Management Skills, focusing on leadership theories and practices. Through case studies, skill-building exercises, and world-class research, students will learn critical leadership theories and concepts while gaining an understanding of how effective leaders initiate and sustain change at the individual and corporate levels, allowing each student to harness their full leadership potential.

Prerequisite: [[MGHB02H3](#) or [MGIB02H3](#) or [(MGTB23H3) and (MGTB29H3)] or (MGTB27Y3)] and [~~(MGTC24H3)~~ or [MGHC02H3](#)/(MGTC90H3)] or [MGIC02H3](#)

Exclusion: (MGTD14H3)

Enrolment Limits: 30
Breadth Requirement: Social & Behavioural Sciences

Course change – MGIC02H3

Rationale:

MGTB90H3 is being removed as an exclusion because it focuses on specific written and oral skills, while MGIC02H3 focuses on leadership skills in an international context, therefore the contents and competencies of the two courses are different. MGTC24H3 is being removed as an exclusion because it was last offered in 2008.

Calendar Copy Showing Changes:

MGIC02H3 International Leadership Skills

Leaders who work internationally must learn how to customize their leadership competencies to the different cultures in which they practice. By using role plays, simulations, cases, and class discussions, students will develop the culturally appropriate leadership skills of articulating a vision, planning and implementing goals, negotiation, and providing effective feedback.

Prerequisite: [[[MGTA01H3](#)/(MGTA03H3) and [MGTA02H3](#)/(MGTA04H3)] or [MGTA05H3](#)] and [MGIB02H3](#)/(MGTB25H3)

Exclusion: (MGTC91H3), (~~MGTB90H3~~), (~~MGTC24H3~~), [MGHC02H3](#)/(MGTC90H3)

Enrolment Limits: 40

Breadth Requirement: Social & Behavioural Sciences

Course change – MGMA01H3

Rationale:

MGTA05H3 is being changed from prerequisite to a corequisite so that students can take it in either the Fall or Winter session (it is offered in both).

Calendar Copy Showing Changes:

MGMA01H3 Principles of Marketing

An introduction to basic concepts and tools of marketing designed to provide students with a conceptual framework for the analysis of marketing problems. The topics include an examination of buyer behaviour, market segmentation; the basic elements of the marketing mix. Enrolment is limited to students registered in Programs requiring this course.

Prerequisite: [[MGTA01H3](#)/(MGTA03H3) and [MGTA02H3](#)/(MGTA04H3)] or ~~[MGTA05H3](#)~~

Corequisite: [MGTA05H3](#)

Exclusion: (MGTB04H3), [MGIA01H3](#)/(MGTB07H3), (MGT252H), RSM250H

Enrolment Limits: 60

Breadth Requirement: Social & Behavioural Sciences

Course change – MGMC12H3

Rationale:

MGTA01H3/MGTA03H3 and MGTA02H3/MGTA04H3 are prerequisites for MGMA01H3 and MGIA01H3, therefore including them here is redundant.

Calendar Copy Showing Changes:

MGMC12H3 Advertising: From Theory to Practice

An introduction to the basic communication tools used in planning, implementing and evaluating promotional strategies. The course reviews basic findings of the behavioural sciences dealing with perception, personality, psychological appeals, and their application to advertising as persuasive communication. Students will gain experience preparing a promotional plan for a small business. The course will rely on lectures, discussions, audio-visual programs and guest speakers from the local advertising industry.

Prerequisite: [MGTA01H3](#)/([MGTA03H3](#)) and [MGTA02H3](#)/([MGTA04H3](#)) and [MGMA01H3](#)/([MGTB04H3](#)) or [MGIA01H3](#)/([MGTB07H3](#))

Exclusion: ([MGTC12H3](#)), ([MGTD12H3](#))

Enrolment Limits: 40

Breadth Requirement: Social & Behavioural Sciences

Course change – MGSC12H3

Rationale:

Roughly half of the films discussed in any given year in MGSC12H3 deal with the public sector, and those that deal with the private sector usually raise issues of public policy or regulation of business. The subject matter is therefore appropriate for students enrolled in the Major programs in Public Policy. The added optional prerequisite will make it possible for senior students in Public Policy to take this course. The number of students permitted to take the course in any given year could be regulated through ROSI to ensure that these students are filling otherwise empty seats in the course after Management students have been accommodated.

Calendar Copy Showing Changes:

MGSC12H3 Narrative and Management

Through the analysis of fiction and non-fiction narratives, particularly film, dealing with managers in both private and public sector organizations, the course explores the ethical dilemmas, organizational politics and career choices that managers can expect to face.

Prerequisite: [MGHB02H3](#) or [([MGTB23H3](#)) and ([MGTB29H3](#))] or ([MGTB27Y3](#)) or [2.0 credits at the C-level in POL courses] or [ENGD94H3](#)

Exclusion: ([MGTC35H3](#))

Enrolment Limits: 35

Breadth Requirement: Arts, Literature & Language

Course change – MGSC40H3

MGSC40H3 is a required course in the Specialist/Specialist Co-op in Management and Accounting (BBA). Most Accounting Specialist students will pursue the Chartered Professional Accountant (CPA) designation, and MGSC40H3 is a required course of the recently revised CPA educational program. The nature of the course is taught from the perspective of an accountant in an oversight role, rather than from a business person implementing strategic goals within the business.

The course code is being revised to signal that the course is focused on Accounting rather than Strategy. The course is moved from the C to the D-level because the content is more appropriate to the D-level. The prerequisites have been revised to ensure students are adequately prepared for a D-level course.

Rationale:

Calendar Copy Showing Changes:

~~MGSC40H3~~ ~~MGAD45H3~~ Corporate Governance and Strategy: CPA Perspective

This course examines issues in Corporate Governance in today's business environment. Through case studies of corporate "ethical scandals", students will consider workplace ethical risks, opportunities and legal issues. Students will also examine professional accounting in the public interest as well as accounting and planning for sustainability.

Prerequisite: [MGAB01H3](#) and [MGAB02H3](#) ~~MGAC01H3~~ and ~~MGSC30H3~~

Exclusion: (~~MGSC40H3~~)

Corequisite: [MGSC30H3](#)

Enrolment Limits: 40

Breadth Requirement: Social & Behavioural Sciences

Course change: *MGTA01H3*
 MGTA02H3

Rationale:

MGTA01H3, MGTA02H3, and MGTA05H3 all have overlapping content. MGTA01H3 and MGTA02H3 are already listed as exclusions in MGTA05H3. Adding MGTA05H3 to the exclusions in MGTA01H3 and MGTA02H3 corrects an oversight.

Calendar Copy Showing Changes:

MGTA01H3 Introduction to Management I

This course serves as an introduction to the process of management, including planning, organizing and the role of management within the broader business community.

Exclusion: ~~MGTA05H3~~, (MGTA03H3), (COM110H), MGM101H, RSM100Y

Breadth Requirement: Social & Behavioural Sciences

MGTA02H3 Introduction to Management II

This course serves as an introduction to the functional areas of business, including accounting, finance, production and marketing. It builds on the material covered in [MGTA01H3](#)/(MGTA03H3).

Prerequisite: [MGTA01H3](#)/(MGTA03H3)

Exclusion: ~~MGTA05H3~~, (MGTA04H3), MGM101H, MGM102H, RSM100Y

Breadth Requirement: Social & Behavioural Sciences

Department of Physical and Environmental Sciences

Note regarding consultation:

All changes have been approved by the Departmental Curriculum Committee, and reviewed by the Dean's Office. Where changes may have had an impact on outside academic units, appropriate consultation has taken place.

Program change: *Specialist in Biological Chemistry (BSc)*
 Specialist Co-op in Biological Chemistry (BSc)

Overview of Changes:

- In the Second or Third Year requirements: MATA23H3 and PSCB57H3 are being deleted as options in the program; STAB22H3 becomes a requirement.

Rationale:

STAB22H3 is a required course in the Specialist/Specialist Co-op programs in Chemistry, and the Chemistry faculty believe it should also be required in the Biological Chemistry Specialist programs.

Calendar Copy Showing Changes:

SPECIALIST PROGRAM IN BIOLOGICAL CHEMISTRY (SCIENCE)
SPECIALIST CO-OPERATIVE PROGRAM IN BIOLOGICAL CHEMISTRY (SCIENCE)

Supervisor: W. Restivo (416-287-7222) *Email:* restivo@utsc.utoronto.ca

This program is intended for students who want to specialize in Chemistry, but who are also interested in the chemistry of living systems.

Admission to Biological Chemistry Specialist

Students may apply to this program after completing at least 4.0 FCE including: BIOA01H3, BIOA02H3, CHMA10H3, CHMA11H3, MATA30H3 and PHYA10H3 with a cumulative grade point average (CGPA) of at least 2.0. Application for admission to the program is made to the registrar through ROSI in April/May and July/August. See the UTSC Registrar's website for information on program (Subject POST) selection at www.utsc.utoronto.ca/subjectpost.

Program Requirements

The program requires the completion of the following 15.0 full credits:

First Year:

BIOA01H3 Life On Earth: Unifying Principles

BIOA02H3 Life on Earth: Form, Function and Interactions

CHMA10H3 Introductory Chemistry I: Structure and Bonding

CHMA11H3 Introductory Chemistry II: Reactions and Mechanisms

MATA30H3 Calculus I for Biological and Physical Sciences

[MATA35H3 Calculus II for Biological Sciences *or* MATA36H3 Calculus II for Physical Sciences]

PHYA10H3 Introduction to Physics IA

PHYA21H3 Introduction to Physics IIA

Note: PSCB57H3 requires either MATA36H3 or MATA37H3 as a prerequisite. MATA36H3 is strongly recommended over MATA35H3 in order that future course selection is not compromised.

Second Year:

BIOB10H3 Cell Biology

BIOB11H3 Molecular Aspect of Cellular and Genetic Processes

BIOB12H3 Laboratory for Cell and Molecular Biology

CHMB31H3 Introduction to Inorganic Chemistry

CHMB41H3 Organic Chemistry I

CHMB42H3 Organic Chemistry II

Second or Third Year:

CHMB16H3 Techniques in Analytical Chemistry

CHMB21H3 Chemical Structure and Spectroscopy

CHMB23H3 Introduction to Chemical Thermodynamics and Kinetics: Theory and Practice

and

0.5 full credit from the following:

~~MATA23H3 Linear Algebra I~~

~~PSCB57H3 Introduction to Scientific Computing~~

STAB22H3 Statistics I

Third Year:

BIOC12H3 Biochemistry I: Proteins and Enzymes

BIOC13H3 Biochemistry II: Bioenergetics and Metabolism

BIOC23H3 Practical Approaches to Biochemistry

CHMC47H3 Bio-Organic Chemistry

Third or Fourth Year:

CHMC11H3 Principles of Analytical Instrumentation

CHMC31Y3 Intermediate Inorganic Chemistry

[CHMC41H3 Organic Reaction Mechanisms *or* CHMC42H3 Organic Synthesis]

Fourth Year:

CHMD79H3 Topics in Biological Chemistry

1.5 full credits in D-level or 400-level CHM courses including one of the following courses:

CHMD90Y3 Directed Research

CHMD91H3 Directed Research

CHMD92H3 Advanced Chemistry Laboratory Course

and at least 0.5 full credit from the following:

CHMD69H3 Bioinorganic Chemistry

CHMD71H3 Pharmaceutical Chemistry

Program change: Specialist in Environmental Geoscience (BSc)
Specialist Co-op in Environmental Geoscience (BSc)

Overview of Changes:

- EESC21H3 is updated to EESD20H3 to reflect a course level change.

Rationale:

The course code is being updated to reflect a course level change to EESC21H3 to a D-level course (EESD20H3).

Calendar Copy Showing Changes:

SPECIALIST PROGRAM IN ENVIRONMENTAL GEOSCIENCE (SCIENCE)
SPECIALIST CO-OPERATIVE PROGRAM IN ENVIRONMENTAL GEOSCIENCE (SCIENCE)

Supervisor of Studies: M. Meriano (416-208-2775) *Email:* mmeriano@uts.utoronto.ca

This program has been designed to meet the expectations of the Association of Professional Geoscientists of Ontario (APGO) - the licensing and regulatory body responsible for ensuring that geoscientists have the appropriate qualifications to practice. Students are encouraged to make careful choice of optional/elective courses to meet APGO requirements.

Please visit the APGO website for further information on requirements to become a Professional Geoscientist (P.Geo) in Ontario.

Program Requirements

Total requirements: 15.5 full credits of which 1.0 must be at the D-level as follows:

First Year:

EESA01H3 Introduction to Environmental Science

EESA06H3 Introduction to Planet Earth

BIOA01H3 Life on Earth: Unifying Principles

BIOA02H3 Life on Earth: Form, Function and Interactions

CHMA10H3 Introductory Chemistry I: Structure and Bonding

CHMA11H3 Introductory Chemistry II: Reactions and Mechanisms

MATA30H3 Calculus I for Biological and Physical Sciences

[MATA36H3 Calculus II for Physical Sciences *or* MATA37H3 Calculus II for Mathematical Sciences]

[PHYA10H3 Introduction to Physics IA *or* PHYA11H3 Introduction to Physics IB]

Second Year:

CHMB55H3 Environmental Chemistry

EESB02H3 Principles of Geomorphology

EESB03H3 Principles of Climatology

EESB04H3 Principles of Hydrology

EESB05H3 Principles of Soil Science

EESB15H3 Earth History

EESB18H3 Natural Hazards

EESB19H3 Mineralogy

PSCB57H3 Introduction to Scientific Computing

STAB22H3 Statistics I

Third Year:

EESB20H3 Sedimentology and Stratigraphy

EESC03H3 Geographic Information Systems and Remote Sensing

EESC07H3 Groundwater

EESC13H3 Environmental Impact Assessment and Auditing

EESC20H3 Geochemistry

EESC31H3 Glacial Geology

EESC36H3 Petrology

and

0.5 credit from the following:

BIOB50H3 Ecology

EESC18H3 The Great Lakes: An Introduction to Physical Limnology

EESC19H3 Marine Systems

Fourth Year:

EESC37H3 Structural Geology

and

0.5 credit from the following:

~~EESC21H3~~ **EESD20H3** Urban Environmental Problems of the Greater Toronto Area

EESD02H3 Contaminant Hydrogeology

EESD06H3 Climate Change Impact Assessment

EESD09H3 Research Project in Environmental Science

EESD10Y3 Research Project in Environmental Science

EESD11H3 Process Hydrology

EESD13H3 Environmental Law and Ethics

EESD15H3 Cleaning Up Our Mess: Remediation of Terrestrial and Aquatic Environments

EESD19H3 Professional Development Seminars in Geoscience

and

1.0 full credit from any other EES courses

Strongly recommended: EESC16H3 Field Methods *or* EESD07H3 Field Camp II

Note: these changes also apply to the Specialist Co-op in Environmental Geoscience

Course change – CHMA10H3

Rationale:

The course description has been updated because the course no longer includes tutorials. The prerequisite has been changed to recommended preparation to make it easier for students to take the course.

Calendar Copy Showing Changes:

CHMA10H3 Introductory Chemistry I: Structure and Bonding

This course will introduce the study of chemical transformations of matter, from a macroscopic and microscopic perspective. It starts with a quantitative description of gases, solids and solutions and develops ideas of bonding and structure in chemical compounds with a particular emphasis on organic and biological molecules.

This course includes a three hour laboratory every other week ~~which alternates with a one hour mandatory tutorial.~~

Prerequisite: Grade 12 Chemistry and [Grade 12 Advanced Functions or Calculus]

Exclusion: CHM120H, CHM140Y, CHM151Y

Recommended Preparation: MATA30H3 Grade 12 Chemistry and [Grade 12 Advanced Functions or Grade 12 Calculus]

Breadth Requirement: Natural Sciences

NOTE: MATA30H3 and [MATA35H3 or MATA36H3] are required for some higher level Physical and Environmental Sciences courses.

Course change – CHMB16H3

Rationale:

CHMB31H3 provides no advantage to the students as a preparation for the analytical chemistry course. On the other hand, statistics is an integral part of analytical chemistry and STAB22H3 is appropriate recommended preparation.

Calendar Copy Showing Changes:

CHMB16H3 Techniques in Analytical Chemistry

An introduction to the principles and methods of classical analysis and the provision of practical experience in analytical laboratory techniques. The course deals primarily with quantitative chemical analysis. Classical methods of volumetric analysis, sampling techniques, statistical handling of data are studied, as well as a brief introduction to spectro-chemical methods. This course includes a four hour laboratory every week.

Prerequisite: CHMA10H3 and CHMA11H3 and MATA30H3 and [MATA35H3 or MATA36H3]

Exclusion: CHM217H

Recommended Preparation: ~~CHMB31H3~~ -STAB22H3

Breadth Requirement: Natural Sciences

Course change – CHMB31H3

Rationale:

There is sufficient overlap between CHMB31H3 and CHM238Y and CHM231H, offered at UTSG and UTM, to warrant their being added as exclusions.

Calendar Copy Showing Changes:

CHMB31H3 Introduction to Inorganic Chemistry

Fundamental periodic trends and descriptive chemistry of the main group elements are covered. The topics include structures, bonding and reactivity; solid state structures and energetics; and selected chemistry of Group 1, 2, and 13-18. The course has an accompanying practical (laboratory) component taking place every second week.

Prerequisite: CHMA10H3 and CHMA11H3

Exclusion: CHM238Y, CHM231H

Breadth Requirement: Natural Sciences

Course change – CHMC20H3

Rationale:

CHMB23H3 replaces CHMB20H3 because B23H3 includes a lab component that is relevant to C20H3.

Calendar Copy Showing Changes:

CHMC20H3 Intermediate Physical Chemistry

Basic statistical mechanics and applications to thermochemistry and kinetics; intermolecular interactions; concepts in reaction dynamics.

Prerequisite: **CHMB20H3** **CHMB23H3** & CHMB21H3 & MATB41H3 & PHYA21H3

Breadth Requirement: Natural Sciences

Course change – CHMC21H3

Rationale:

CHMB23H3 is equivalent to CHMB20H3 but has an added lab component for the students in the chemistry and biological chemistry specialist programs.

Calendar Copy Showing Changes:

CHMC21H3 Topics in Biophysical Chemistry

Advanced topics in Physical Chemistry with emphasis on biochemical systems. Spectroscopic methods for (bio) molecular structure determination, including IR, NMR, UV/VIS; colloid chemistry; polymers and bio-polymers, bonding structure and statistical mechanics; physical chemistry of membranes, active transport and diffusion; oscillatory (bio)chemical reactions.

Prerequisite: [CHMB20H3 or CHMB23H3] & CHMB21H3 & MATB41H3 & PHYA21H3

Breadth Requirement: Natural Sciences

Course change – CHMC31Y3

Rationale:

The course description change is being revised to better reflect the content of the course. The learning outcomes and topics covered are now expanded to cover basic chemistry of the f block elements, and fundamental use of symmetry in inorganic chemistry. The methods of assessment remain the same as before.

The revisions to prerequisites are necessary due to the introduction of new physical chemistry course with a lab component (CHMB23H3) that is replacing the CHMB20H3 course in our specialist programs for which CHMC31Y3 is also a required course.

The added exclusions are to acknowledge the significant similarity between CHM338H (UTSG), CHM331H5 (UTM) and CHMC31Y3 (UTSC) courses.

Calendar Copy Showing Changes:

CHMC31Y3 Intermediate Inorganic Chemistry

A **more** detailed discussion (~~than in CHMB31H3~~) of the structure, bonding, spectroscopy and reactivity of **main group**, transition metal **and organo-metallic** compounds. **After an overview of**

descriptive chemistry, the focus is on coordination and organometallic chemistry, with an introduction to catalysis and biocoordination chemistry. Special topics may include inorganic solids and materials, biologically and environmentally important inorganic compounds, and catalysis. The laboratory will introduce a variety of focuses on intermediate and advanced inorganic synthetic techniques syntheses, with characterization of products by both and classical and instrumental characterization methods.

This laboratory is six hours in duration and occurs every week.

Prerequisite: CHMB16H3 and CHMB20H3 [CHMB20H3 or CHMB23H3] and CHMB31H3 and CHMB42H3

Exclusion: CHM338H and CHM331H

Enrolment Limits: 20

Breadth Requirement: Natural Sciences

NOTE: Priority will be given to students in the Specialist programs in Biological Chemistry and Chemistry.

Course change – CHMD69H3

Rationale:

The course description has been revised to better reflect actual course content.

CHMB62H3 is being added to prerequisites to open it up to students from our chemistry specialist program.

Calendar Copy Showing Changes:

CHMD69H3 Bioinorganic Chemistry

This course will explore the inorganic chemistry behind the requirement of biological cells for metals role of metal cations in living systems. The course will begin with the principles of coordination chemistry and After a survey of the abilities of various functional groups within proteins and biologically relevant ligands (such as amino and nucleic acids) the focus shifts to metal uptake and function. Their reactivity will be discussed in the context of the reaction mechanisms of specific metalloenzymes. Medically relevant topics such as mechanisms by which organisms obtain required metal ions from their environment, the toxicity of metals and use of platinum containing compounds in treating cancer will also be covered. The course also provides a brief introduction to medicinal inorganic chemistry.

Prerequisite: [[BIOC12H3 & BIOC13H3] or CHMB62H3] & and CHMC31Y3

Exclusion: CHM333H, CHM437H

Breadth Requirement: Natural Sciences

Course change – CHMD71H3

Rationale:

Course description has been revised to reflect the current course content. The prerequisite has been revised because CHMC41H and CHMC42H are offered in alternate years and have some overlapping material, thus it is necessary to only have one of the two as preparation for CHMD71H. Since the course includes pharmacological data and drug metabolism, some biology background in the form of BIOC12 or BIOC13 is recommended. Alternatively for the chemistry specialist students, CHMB62 which is the biochemistry component of their program, would be a suitable recommended course.

Calendar Copy Showing Changes:

CHMD71H3 Pharmaceutical Chemistry

The course focuses on the important concepts in the design and synthesis of drugs. The course ~~will begin with~~ **may include** the principles of pharmacology, drug metabolism and toxicology. **Strategies for generating valuable active compounds and structure/activity relationships involved in selective transformations of available building blocks into diversely functionalized derivatives will be discussed.** ~~including the synthetic and pharmacological concepts will be discussed.~~ The course provides an overview of reactions used at different stages of the drug development process, using representative examples from the literature and case studies of drugs ~~will be studied in detail~~ where applicable.

Prerequisite: [CHMC41H3 **&** or CHMC42H3] **& and** CHMC47H3

Recommended Preparation: [BIOC12H3 and BIOC13H3] or CHMB62H3

Exclusion: CHM440H

Breadth Requirement: Natural Sciences

Course change – EESA01H3

Rationale:

Given the importance of experiential learning to both the university's teaching philosophy and to the natural sciences in general, the addition of hands-on laboratory experiences and related projects would be a significant pedagogical boost to the course and would significantly increase interest in the Environmental Science program in general. The current pedagogy of introducing broad scientific skills in assignments would remain, but these would be better focused within the material by including labs instead of tutorials. Methods of assessment would not change; topics covered would be similar or the same. Mainly the experience would be enhanced and students would be better prepared for upper-level course requirements.

ENV100Y has been added as an exclusion because of significant content similarity.

Calendar Copy Showing Changes:

EESA01H3 Introduction to Environmental Science

The scientific method and its application to natural systems. The physical and biological processes which drive ecosystem functions. Anthropogenic changes in ecosystem functions at local and global scales. Emphasis on the degradation of the atmosphere, soil, water and biological resources caused by human activity. Renewable and non-renewable resource sustainability.

Laboratories will include hands-on field and lab related practical experience.

Exclusion: ENV100Y

Breadth Requirement: Natural Sciences

Course change – EESC21H3

Rationale:

This course is better suited to undergraduate students in their final year of studies and to graduate students in the Master of Environmental science (M.Env.Sci). The proposed changes, which include more in-depth analysis of geophysical techniques for environmental investigations, will improve the overall rigour of the course and will provide students with a more comprehensive

learning experience. The changes will help familiarize students with work place methods widely in use in urban site investigations as a prelude to groundwater or soil remediation as well as practice with writing reports on research. The changes do not have any significant impact on the learning outcomes.

Calendar Copy Showing Changes:

~~EESC21H3~~ **EESD20H3 Urban Environmental Problems of the Greater Toronto Area**

~~Urban areas such as the GTA are the focus of many acute environmental problems such as the disposal of solid and liquid wastes, and the contamination of soil, air and water by industrial activity. Specific cases of such problems drawn from the GTA will be reviewed, with reference to field investigations, environmental audits, due diligence and liability, and remedial solutions. Students will carry out their own field investigations and will report on specific issues, paying particular regard to government legislation and guidelines issued by regulatory agencies. This course is essential to students in the Environmental Science Program, but is also directly relevant to business and management students.~~

The world is increasingly urban and cities are the focus of many acute environmental problems e.g., disposal of solid and liquid wastes, and contamination of soil, air and water. These issues will be reviewed for the GTA with reference to various field and geophysical methods used to explore contaminated sites, environmental audits, government legislation and guidelines issued by regulatory agencies, and site cleanup. This course teaches essential applied skills to students in Environmental Science.

Prerequisite: ~~10~~ 15.0 full credits, including at least 4.0 credits at the C- or D-level

Exclusion: (EESC21H3)

Breadth Requirement: Natural Sciences

Course change – EESC37H3

Rationale:

Adding EESB20H3 as a prerequisite, ensures that students will have a sound understanding of sedimentologic processes, which will enhance their understanding of the complex concepts of Structural Geology, and also make the course more efficient.

There is sufficient overlap with ESS241H to warrant including it in the exclusions.

Calendar Copy Showing Changes:

EESC37H3 Structural Geology

The course introduces mechanics of rock deformation. It examines identification, interpretation, and mechanics of faults, folds, and structural features of sedimentary, igneous and metamorphic rocks as well as global, regional and local scale structural geology and tectonics. Lectures are supplemented by lab exercises and demonstrations as well as local field trips.

Prerequisite: [PHYA10H3 or PHYA11H3] and [EESB15H3](#) and [EESB20H3](#)

Exclusion: GLG345H, [ESS241H](#)

Enrolment Limits: 20

Breadth Requirement: Natural Sciences

NOTE: Priority will be given to students enrolled in the Specialist Program in Environmental Geoscience. Additional students will be admitted as space permits.

Course change – PHYA11H3

Rationale:

MATA29H3 is a new course designed for students in the life sciences. Its content is similar to MATA30H3 and A31H3 so it is an appropriate corequisite for PHYA11H3.

Calendar Copy Showing Changes:

PHYA11H3 Introduction to Physics IB

This first course in Physics at the university level is intended for students enrolled in the Life sciences. It covers fundamental concepts of classical physics and its applications to macroscopic systems in one and three dimensions. It deals with two main themes; which are Particle and Fluid Mechanics and Waves and Oscillations. The approach will be phenomenological with applications related to life and biological sciences.

Prerequisite: Grade 12 Advanced Functions (MHF4U) and Grade 12 Calculus and Vectors (MCV4U)

Corequisite: (MATA20H3) or **MATA29H3** or [MATA30H3](#) or [MATA31H3](#)

Exclusion: [PHYA10H3](#), PHY131H, PHY135Y, PHY151H, (PHY110Y), (PHY138Y)

Recommended Preparation: Grade 12 Physics (SPH4U)

Breadth Requirement: Natural Sciences

Course change – PHYA22H3

Rationale:

MATA29H3 is a new course designed for students in the life sciences. Its content is similar to MATA30H3 and A31H3 so it is an appropriate prerequisite for PHYA22H3.

Calendar Copy Showing Changes:

PHYA22H3 Introduction to Physics IIB

The course covers the main concepts of Electricity and Magnetism, Optics, and Atomic and Nuclear Physics. It provides basic knowledge of these topics with particular emphasis on its applications in the life sciences. It also covers some of the applications of modern physics such as atomic physics and nuclear radiation.

Prerequisite: [[PHYA10H3](#) or [PHYA11H3](#) or (PHYA01H3)] and [**MATA29H3** or [MATA30H3](#) or [MATA31H3](#)]

Corequisite: (MATA21H3) or [MATA35H3](#) or [MATA36H3](#) or [MATA37H3](#). **Note:** (MATA21H3) & [MATA35H3](#) do not allow for many future programs in science.

Exclusion: [PHYA21H3](#), (PHY110Y), PHY132H, PHY135Y, (PHY138Y), PHY152H

Breadth Requirement: Natural Sciences

Department of Political Science

Note regarding consultation:

All changes have been approved by the Departmental Curriculum Committee, and reviewed by the Dean's Office. Where changes may have had an impact on outside academic units, appropriate consultation has taken place.

Program change – Specialist in Political Science (BA)

Overview of Changes:

- Replace STAB22H3 with STAB23H3 for Requirement 5-Methods.

Rationale:

STAB23H3 replaces STAB22H3 because it will better serve our students for future research in their course work.

Calendar Copy Showing Changes:

SPECIALIST PROGRAM IN POLITICAL SCIENCE (ARTS)

Program Requirements

Students must complete at least 12.0 full credits in Political Science including:

1. Introduction to Political Science (1.0 credit):
POLA01H3 Critical Issues in Politics I
POLA02H3 Critical Issues in Politics II
2. Political Theory (1.0 credit):
POLB72H3 Introduction to Political Theory
0.5 credit from among the courses listed in the Political Theory area of focus
3. Canadian Politics (1.0 credit):
POLB50Y3 Canadian Government and Politics
4. At least four of the following (2.0 credits):
POLB80H3 Introduction to International Relations I
POLB81H3 Introduction to International Relations II
POLB90H3 Comparative Development in International Perspective
POLB91H3 Comparative Development in Political Perspective
POLB92H3 Comparative Politics: Revolution, Democracy and Authoritarianism in Modern Europe
5. Methods (1.0 credit):
~~STAB22H3 Statistics I~~ [STAB23H3 Introduction to Statistics for the Social Sciences or equivalent]
POLC78H3 Political Analysis I
6. Applications (5.0 credits):
5.0 credits in POL or PPG courses at the C- and/or D-level
7. Advanced Applications (1.0 credit)
At least 1.0 credit in POL or PPG courses at the D-level

Program change – Major in Political Science (BA)

Overview of Changes:

- Replace STAB22H3 with STAB23H3 for Requirement 5-Methods.

Rationale:

STAB23H3 replaces STAB22H3 because it will better serve our students for future research in their course work.

Calendar Copy Showing Changes:

MAJOR PROGRAM IN POLITICAL SCIENCE (ARTS)

Program Requirements

Students must complete at least 8.0 credits in Political Science as follows:

1. Introduction to Political Science (1.0 credit):
POLA01H3 Critical Issues in Politics I
POLA02H3 Critical Issues in Politics II
2. Political Theory (1.0 credit):
POLB72H3 Introduction to Political Theory
0.5 credit from among the courses listed in the Political Theory area of focus
3. Canadian Politics (1.0 credit):
POLB50Y3 Canadian Government and Politics
4. At least two of the following (1.0 credit):
POLB80H3 Introduction to International Relations I
POLB81H3 Introduction to International Relations II
POLB90H3 Comparative Development in International Perspective
POLB91H3 Comparative Development in Political Perspective
POLB92H3 Comparative Politics: Revolution, Democracy and Authoritarianism in Modern Europe
5. Methods (1.0 credit):
~~STAB22H3 Statistics I~~ [STAB23H3 Introduction to Statistics for the Social Sciences or equivalent]
POLC78H3 Political Analysis I
6. Applications (2.5 credits):
2.5 credits in POL or PPG courses of which at least 2.0 must be at the C- and/or D-level
7. Advanced Applications (0.5 credit)
At least 0.5 credit in POL or PPG courses at the D-level

Program change: Major in Public Policy (BA)
Major Co-op in Public Policy (BA)

Overview of Changes:

- Replace STAB22H3 with STAB23H3 in Requirement 5
- Add MGSC12H3 and POLD53H3 as options to Requirement 6

Rationale:

STAB23H3 replaces STAB22H3 because it will better serve our students for future research in their course work. In addition, both MGSC12H3 and POLD53H3 have useful applicable content material that can benefit our Public Policy students. Specifically, MGSC12H3 covers management practices in both the public and private sectors, often raising issues of public policy or business-government relations. Professor Borin's case study reviews of such content will be beneficial for our students. And POLD53H3 offers the practice of applying social scientific theories to understanding and analyzing political disagreement in Canada which is a useful skill for our Public Policy students to learn.

Calendar Copy Showing Changes:

MAJOR PROGRAM IN PUBLIC POLICY (ARTS)

MAJOR CO-OPERATIVE PROGRAM IN PUBLIC POLICY (ARTS)

Course requirements:

Students must complete 8.0 full credits as follows:

1. 1.0 credit at the A- or B-level in Anthropology, City Studies, Geography, International Development Studies, Political Science, or Sociology. At least 0.5 credits in A-level Political Science are recommended.

We also recommend interested students take introductory courses in departments like City Studies, Economics for Management Studies, Environmental Science, International Development Studies, and Sociology that may reflect their particular substantive interests.

2. Economics for Public Policy (1.0 credit):

[MGEA01H3/(ECMA01H3) and MGEA05H3/(ECMA05H3)]

OR

[MGEA02H3/(ECMA04H3) and MGEA06H3/(ECMA06H3)]

3. Canadian Politics (1.0 credit)

POLB50Y3 Canadian Government and Politics

4. Fundamentals of Public Policy (1.0 credit)

PPGC66H3 Public Policy Making

PPGC67H3 Public Policy in Canada

5. Research Methods (1.0 credit with at least 0.5 credit in quantitative methods)

Quantitative Methods courses include:

ANTC35H3 Quantitative Methods in Anthropology

MGEB11H3/(ECMB11H3) Quantitative Methods in Economics I

GGRA30H3 Geographic Information Systems

POLC11H3 Applied Statistics for Politics and Public Policy

~~STAB22H3 Statistics I~~ STAB23H3 Introduction to Statistics for the Social Sciences

Qualitative Methods courses include:

ANTB19H3 Ethnography and the Comparative Study of Human Societies

GGRC31H3 Qualitative Geographical Methods: Place and Ethnography

POLC78H3 Political Analysis I

6. Applications of Public Policy (3.0 credits from the following list* of Public Policy courses, or other courses with the approval of the supervisor of studies. Of these, 1.0 credit must be from C- or D-level courses in Political Science.)

CITB04H3 City Politics

CITC04H3 Municipal Planning Law in Ontario

CITC07H3 Urban Social Policy

CITC12H3 City Structures and City Choices: Local Government, Management, and Policymaking

CITC15H3 Taxing and Spending: Public Finances in Canadian Cities

CITC16H3 Planning and Governing the Metropolis

CITC18H3 Urban Transportation Policy Analysis

MGEB31H3/(ECMB35H3) Public Decision Making

MGEB32H3/(ECMB36H3) Economic Aspects of Public Policy

MGEC31H3/(ECMC31H3) Economics of the Public Sector: Taxation

MGEC32H3/(ECMC32H3) Economics of the Public Sector: Expenditures

MGEC34H3/(ECMC34H3) Economics of Health Care

MGEC38H3/(ECMC38H3) The Economics of Canadian Public Policy

MGEC91H3/(ECMC91H3) Economics and Government

GGRC13H3 Urban Political Geography

HLTB40H3 Health Policy and Health Systems

HLTC43H3 Politics of Canadian Health Policy

IDSB01H3 Political Economy of International Development

IDSB04H3 Introduction to International/Global Health

MGSC03H3/(MGTC42H3) Public Management

MGSC05H3/(MGTC45H3) The Changing World of Business – Government Relations

MGSC12H3 Narrative and Management

POLC36H3 Law and Public Policy

POLC53H3 Canadian Environmental Policy

POLC54H3 Intergovernmental Relations in Canada

POLC57H3 Intergovernmental Relations and Public Policy

POLC65H3 Political Strategy

POLC83H3 Applications of American Foreign Policy

POLC93H3 Public Policies in the United States

POLD50H3 Political Interests, Political Identity, and Public Policy

POLD52H3 Immigration and Canadian Political Development

POLD53H3 Political Disagreement in Canada

POLD67H3 The Limits of Rationality

POLD89H3 Global Environmental Politics

POLD90H3 Public Policy and Human Development in the Global South

PPGD64H3 Comparative Public Policy

SOCB47H3 Social Inequality

SOCC37H3 Environment and Society

* Many of these courses have prerequisites, please plan accordingly. In addition, we recommend taking methods courses from within your disciplinary major program.

Program change – Minor in Public Law

Overview of Changes:

- Add POLD42H3 (new) to Requirement 2 as an optional course.

Rationale:

POLD42H3 is a new course which is being added to the Minor to increase the options at the D-level. While topics will vary dependent on the instructor for the course, students will benefit in expanding their knowledge in subject matter relative to Public Law, which may include perspectives on social economic rights, judicial and constitutional politics in diverse states and human rights law in Canada.

Calendar Copy Showing Changes:

MINOR PROGRAM IN PUBLIC LAW (ARTS)

Program Requirements

Students must complete 4.0 credits, of which at least 1.0 credit must be at the C- and/or D-level.

1. Core Courses (2.5 credits):

POLB30H3 Law, Justice and Rights

POLB50Y3 Canadian Government and Politics

POLC32H3 The Canadian Judicial System

POLC68H3 The Constitution of Canada and the Charter of Rights and Freedoms

2. Public Law Electives (1.0 credit):

POLC36H3 Law and Public Policy

POLC38H3 International Law

POLC39H3 Comparative Legal Systems

POLD42H3 Advanced Topics in Public Law

POLD45H3 Constitutionalism

3. Additional Elective (0.5 credit)

An additional 0.5 credit from requirement 2 above or an appropriate course from another discipline, including at the UTSC, UTM and St. George campuses, as approved by the Public Law Program Advisor.

Course change – POLC11H3

Rationale:

STAB23H3 is a new course offered by the Department of Computer and Mathematical Sciences that replaces STAB22H3; it covers material on key problems in the social sciences, with an emphasis on the application of methods to real data. Since POLC11H3 will engage students in applying data analysis techniques to examples drawn from political science, STAB23H3 will serve as a good prerequisite in providing an overview of statistical methods commonly used by social scientists that will be further developed in POLC11H3.

Calendar Copy Showing Changes:

POLC11H3 Applied Statistics for Politics and Public Policy

In this course, students learn to apply data analysis techniques to examples drawn from political science and public policy. Students will learn to complete original analyses using quantitative techniques commonly employed by political scientists to study public opinion and government policies. Rather than stressing mathematical concepts, the emphasis of the course will be on the application and interpretation of the data as students learn to communicate their results through papers and/or presentations.

Prerequisite: **STAB22H3** **STAB23H3** or equivalent

Breadth Requirement: Quantitative Reasoning

Course change – POLC21H3

Rationale:

STAB23H3 is a new course that replaces STAB22H3, as it covers material on key problems in the social sciences, with an emphasis on the application of methods to real data. Since POLC21H3 will engage students in applying data analysis techniques using survey data and election returns, STAB23H3 will serve as a good prerequisite in providing an overview of statistical methods commonly used by social scientists that will be further applied in POLC21H3.

Calendar Copy Showing Changes:

POLC21H3 Voting and Elections

Why do some citizens vote when others do not? What motivates voters? This course reviews theories of voting behaviour, the social and psychological bases of such behaviour, and how candidate and party campaigns influence the vote. By applying quantitative methods introduced in **STAB22H3** **STAB23H3** or other courses on statistical methods, students will complete assignments examining voter behaviour in recent Canadian and/or foreign elections using survey data and election returns.

Areas of Focus: Canadian Government and Politics; Comparative Politics

Prerequisite: [**STAB22H3** **STAB23H3** or equivalent] or POL242Y

Exclusion: POL314H, POL314Y

Breadth Requirement: Social & Behavioural Sciences

Course change – POLC68H3

Rationale:

POLC32H3 is being added as recommended preparation to better prepare students for understanding material covered in POLC68H3. Students would greatly benefit from having a solid understanding of the Canadian judicial system with material covered in POLC32H3 before taking on more advanced issues like the Charter in POLC68H3.

Calendar Copy Showing Changes:

POLC68H3 The Constitution of Canada and the Charter of Rights and Freedoms

This course will investigate the development of Canadian constitutional law under the Constitution Act of 1982 and the Charter of Rights and Freedoms. Specific topics include criminal rights, freedom of expression, freedom of religion, equality rights, and aboriginal rights.

Areas of Focus: Canadian Government and Politics; Political Theory; Public Policy

Prerequisite: [POLB50Y3 or equivalent] or POLB30H3

Recommended preparation: POLC32H3

Exclusion: POL337Y

Breadth Requirement: Social & Behavioural Sciences

Course change – POLD53H3

Rationale:

STAB23H3 is a new course that replaces STAB22H3 because it is better suited as recommended preparation for POLD53H3 as it covers material on key problems in the social sciences, with an emphasis on the application of methods to real data.

Calendar Copy Showing Changes:

POLD53H3 Political Disagreement in Canada

Why do Canadians disagree in their opinions about abortion, same-sex marriage, crime and punishment, welfare, taxes, immigration, the environment, religion, and many other subjects? This course examines the major social scientific theories of political disagreement and applies these theories to an analysis of political disagreement in Canada.

Area of Focus: Canadian Government and Politics

Prerequisite: [POLB50Y3 or equivalent] and [1.5 credits at the C-level in POL courses]

Recommended Preparation: **STAB22H3** **STAB23H3** or equivalent

Enrolment Limits: 25

Breadth Requirement: Social & Behavioural Sciences

Department of Psychology

Note regarding consultation:

All changes have been approved by the Departmental Curriculum Committee, and reviewed by the Dean's Office. Where changes may have had an impact on outside academic units, appropriate consultation has taken place.

Program change – Major in Mental Health Studies (BSc)

Overview of Changes:

- Add STAB22H3 and STAB23H3 to requirement 2.

Rationale:

STAB22H3 and STAB23H3 have content and learning outcomes that are similar to PSYB07 (including descriptive, inferential and multivariate stats) which is currently accepted as program requirements.

PSYB04H3 is added as an optional course because it was created for students in the Major programs in Mental Health Studies and Psychology and the Minor in Psychology. It focuses on consuming and evaluating research finding, whereas PSYB01H3 focuses on the implementation of research design and is intended for students in our Specialist programs.

Calendar Copy Showing Changes:

MAJOR PROGRAM IN MENTAL HEALTH STUDIES (SCIENCE)

Program Requirements

The program requires 7.0 credits, of which at least 2.0 credits must be at the C- or D-level:

1. [PSYA01H3](#) Introductory Psychology: Part I
and
[PSYA02H3](#) Introductory Psychology: Part II
(1.0 credit)
2. [STAB22H3](#) **Statistics I**
or
[STAB23H3](#) **Introduction to Statistics for the Social Sciences**
or
[PSYB07H3](#) Data Analysis in Psychology
(0.5 credit)
3. Laboratory Methods (1.0 credit)
[PSYB01H3](#) Psychological Research Laboratory *or* [PSYB04H3](#) **Foundations in Psychological Research]**
and
[PSYC37H3](#) Psychological Assessment
4. [PSYB30H3](#) Personality
and
[PSYB32H3](#) Abnormal Psychology
(1.0 credit)
5. Students are required to take 1.0 credit from either the psycho-social grouping or the psycho-biological grouping listed below, as well as 0.5 credit from the other group (1.5 credits):
 1. Psycho-Social Grouping
[PSYB45H3](#) Behaviour Modification
[PSYC18H3](#) The Psychology of Emotion

- [PSYC35H3](#) Advanced Personality Psychology
- [PSYC36H3](#) Psychotherapy
- [PSYC39H3](#) Psychology and the Law
- 2. Psycho-Biological Grouping
 - [PSYB64H3](#) Physiological Psychology
 - [PSYB65H3](#) Human Brain & Behaviour
 - [PSYC31H3](#) Clinical Neuropsychology
 - [PSYC33H3](#) Neuropsychological Rehabilitation
 - [PSYC62H3](#) Drugs and the Brain
- 6. Credits at the D-level (0.5 credit)
- 7. Additional credits in Psychology (1.5 credits)

Program change: **Major in Psychology (BSc)**
 Minor in Psychology (Science)

Overview of Changes:

- Major in Psychology (BSc)
 - Add STAB23H3 to requirement 3
 - Remove the D-level option from requirement 6
- Minor in Psychology (BSc)
 - Add STAB23H3 to requirement 3

Rationale:

Removal of D-level option from Major in Psychology:

The Department has not have enough available space in D-level course offerings to allow students to take more than the minimum required to meet program requirements and does not anticipate this changing in future.

Adding STAB23H3 as an optional requirement for the Major and Minor programs:

STAB23H3 has content and learning outcomes that are similar to STAB22H3 and PSYB07 (including descriptive, inferential and multivariate stats) which are currently accepted as program requirements.

PSYB04H3 is added as an optional course because it was created for students in the Major programs in Mental Health Studies and Psychology and the Minor in Psychology. It focuses on consuming and evaluating research finding, whereas PSYB01H3 focuses on the implementation of research design and is intended for students in our Specialist programs.

Calendar Copy Showing Changes:

MAJOR PROGRAM IN PSYCHOLOGY (SCIENCE)

Program Requirements

The Program requires completion of 7.0 credits, of which at least 2.0 credits must be at the C- or D-level:

1. [PSYA01H3](#) Introductory Psychology: Part I
and
[PSYA02H3](#) Introductory Psychology: Part II
(1.0 credit)
2. [PSYB01H3](#) Psychological Research Laboratory
or
[PSYB04H3](#) Foundations in Psychological Research
(0.5 credit)
3. [STAB22H3](#) Statistics I (recommended)
or
[STAB23H3](#) Introduction to Statistics for the Social Sciences
or
[PSYB07H3](#) Data Analysis in Psychology
(0.5 credit)
4. Credits at the B-level and C-level (2.5 credits)
Students are required to take 2.0 credits at the B-level or C-level from group (1) or (2) and 0.5 credit from the other group:
 1. Social and Developmental (courses listed in the 10- and 20-series);
 2. Perception, Cognition and Physiology (courses listed in the 50- and 60-series)
5. Credits at the D-level (0.5 full credit)
Students must choose one half credit from the D-level offerings in Psychology. Certain D-level NRO courses may be used to fulfill this requirement with the approval of the Supervisor of Studies.
6. Additional credits in Psychology (2.0 credits)
Students must choose 2.0 further credits from any of the remaining courses in Psychology. At least 1.0 credit from these must be at the C **or** D-level.

MINOR PROGRAM IN PSYCHOLOGY (SCIENCE)

Program Requirements

The Program requires completion of 4.0 credits, of which 1.0 credit must be at the C-level:

1. [PSYA01H3](#) Introductory Psychology: Part I
and
[PSYA02H3](#) Introductory Psychology: Part II
(1.0 credit)
2. [PSYB01H3](#) Psychological Research Laboratory
or
[PSYB04H3](#) Foundations in Psychological Research
(0.5 credit)
3. [STAB22H3](#) Statistics I (recommended)
or
[STAB23H3](#) Introduction to Statistics for the Social Sciences
or
[PSYB07H3](#) Data Analysis in Psychology
(0.5 credit)

4. Students are required to select 0.5 credit at the B-level from each of the two content groups listed below (1.0 credit):
 1. Social, Developmental and Personality (courses listed in the 10-, 20- or 30-series);
 2. Learning, Perception, Cognition and Physiology (courses listed in the 40-, 50- or 60-series);
5. 1.0 additional credit in Psychology at the C-level.

NOTE: students in the Minor in Psychology can register in no more than 1.0 full credit equivalent in psychology at the C-level.

Course change: **PSYB03H3**
 PSYC03H3
 PSYC04H3
 PSYC05H3
 PSYC06H3
 PSYC62H3

Rationale:

STAB22H3 Statistics I is equivalent to PSYB07 Data Analysis in Psychology. The changes to the above courses will ensure all students are aware of the equivalency and allow them to choose their courses appropriately.

Calendar Copy Showing Changes:

PSYB03H3 Introduction to Computers in Psychological Research

The course will provide introductory knowledge and hands-on training in computer-based implementations of experimental design, data processing and result interpretation in psychology. The course covers implementations of experimental testing paradigms, computational explorations of empirical data structure and result visualization with the aid of specific programming tools (e.g., Matlab).

Prerequisite: PSYA01H3 and PSYA02H3

Corequisite: PSYB07H3 or STAB22H3

Enrolment Limits: 70

Breadth Requirement: Quantitative Reasoning

NOTE: Priority will be given to Specialist, Specialist Co-op, and Major students in Psychology, Mental Health Studies and Neuroscience. Students in the Minor in Psychology will be admitted if space permits.

PSYC03H3 Computers in Psychological Research: Advanced Topics

The course will provide advanced knowledge and hands-on training in computer-based implementations of experimental design, data processing and result interpretation in psychology. The course covers implementations of experimental testing paradigms, computational explorations of empirical data structure, and result visualization with the aid of specific programming tools (e.g., Matlab).

Prerequisite: [PSYB07H3 or STAB22H3] and PSYB03H3

Enrolment Limits: 35

Breadth Requirement: Quantitative Reasoning

NOTE: Priority will be given to Specialist, Specialist Co-op, and Major students in Psychology,

Mental Health Studies and Neuroscience. Students in the Minor in Psychology will be admitted if space permits.

PSYC04H3 Brain Imaging Laboratory

The course introduces brain imaging techniques, focusing on techniques such as high-density electroencephalography (EEG) and transcranial magnetic stimulation (TMS), together with magnet-resonance-imaging-based neuronavigation. Furthermore, the course will introduce eye movement recordings as a behavioural measure often co-registered in imaging studies. Students will learn core principles of experimental designs, data analysis and interpretation in a hands-on manner.

Prerequisite: [PSYB01H3](#) and [[PSYB07H3](#) or [STAB22H3](#)]

Enrolment Limits: 35; Restricted to students in the Specialist/Specialist Co-op programs in Psychology. Students in any Mental Health Studies program and the Major in Psychology will be admitted if space permits.

Breadth Requirement: Natural Sciences

PSYC05H3 Human Movement Laboratory

In this course students will be introduced to the study of human movement across a range of topics (e.g., eye-movements, balance, and walking), and will have the opportunity to collect and analyze human movement data. Additional topics include basic aspects of experimental designs, data analysis and interpretation of such data.

Prerequisite: [PSYB01H3](#) and [[PSYB07H3](#) or [STAB22H3](#)]

Enrolment Limits: 35; Restricted to students in the Specialist/Specialist Co-op programs in Psychology. Students in any Mental Health Studies program and the Major in Psychology will be admitted if space permits.

Breadth Requirement: Natural Sciences

PSYC06H3 Psychophysiology Laboratory

This course will provide students with an introduction to physiological processes that are related to psychological processes. Students will gain a theoretical background in psychophysiology as well as read key empirical papers related to the psychological correlates of each physiological system. This course will be a primary methods course for psychology specialists, such that students will acquire advanced skills involved in the acquisition of psychophysiological data and become well-versed in appropriate psychophysiological theory and inference.

Prerequisite: [PSYB01H3](#) and [[PSYB07H3](#) or [STAB22H3](#)] and [PSYC02H3](#)

Enrolment Limits: 35; Restricted to students in the Specialist/Specialist Co-op programs in Psychology. Students in any Mental Health Studies program and the Major in Psychology will be admitted if space permits.

Breadth Requirement: Natural Sciences

PSYC62H3 Drugs and the Brain

An examination of behavioural and neurobiological mechanisms underlying the phenomenon of drug dependence.

Topics will include principles of behavioural pharmacology and pharmacokinetics, neurobiological mechanisms of drug action, and psychotropic drug classification. In addition, concepts of physical and psychological dependence, tolerance, sensitization, and reinforcement and aversion will also be covered.

Prerequisite: [PSYB07H3 or its equivalent STAB22H3] and [at least one of PSYB64H3, PSYB65H3 or NROB60H3] and [one additional B-level or C-level half credit in PSY or NRO]

Exclusion: PSY396H, PCL475Y

Enrolment Limits: Restricted to students in the Specialist/Specialist Co-op and Major programs in Psychology, Mental Health Studies, and Neuroscience. Students in the Specialist program in Integrative Biology will be admitted if space permits.

Breadth Requirement: Natural Sciences

Course change – PSYB07H3

Rationale:

PSYB07H3 and STAB52H3 have sufficient overlapping content and should be treated as mutual exclusions. Currently, both courses share STAB22H3 as a mutual exclusion and thus are treated as mutual exclusions by the Registrar's Office for the purposes of program and degree audits. PSYB07H3 and STAB52H3 should be made explicit mutual exclusions in the calendar so that students can select their course requirements properly and avoid any problems upon requesting graduation.

Calendar Copy Showing Changes:

PSYB07H3 Data Analysis in Psychology

This course focuses on the fundamentals of the theory and the application of statistical procedures used in research in the field of psychology. Topics will range from descriptive statistics to simple tests of significance, such as Chi-Square, t-tests, and one-way Analysis-of-Variance. A working knowledge of algebra is assumed. Students in the Specialist programs in Psychology, Psycholinguistics or Neuroscience will be given priority for this course.

Exclusion: ANTC35H3, MGE11H3/(ECMB11H3), MGE12H3/(ECMB12H3), PSY201H, (SOCB06H3), STAB22H3, **STAB52H3**, STA220H, STA221H, STA250H, STA257H

Breadth Requirement: Quantitative Reasoning

Course change – PSYC02H3

Rationale:

The PSYC08 corequisite is out of date. PSYC02 course content has been revamped and is no longer influenced by the structure of PSYC08.

Calendar Copy Showing Changes:

PSYC02H3 Scientific Communication in Psychology

How we communicate in psychology and why. The differences between scientific and non-scientific approaches to behaviour and their implications for communication are discussed. The focus is on improving the student's ability to obtain and organize information and to communicate it clearly and critically, using the conventions of the discipline.

Prerequisite: PSYB01H3 & [PSYB07H3 or (SOCB06H3) or STAB22H3]

Corequisite: PSYC08H3

Enrolment Limits: Limited to students in the Specialist Programs in Psychology and in Mental Health Studies.

Breadth Requirement: Natural Sciences

Course change – PSYD30H3

Rationale:

PSYC35H3 replaces the more general requirement that students complete 0.5 credit at the C-level to ensure that students who have taken more coursework in the sub-discipline of personality psychology are given priority admission to PSYD30H3.

Calendar Copy Showing Changes:

PSYD30H3 Current Topics in Personality Psychology

An intensive examination of selected issues and research problems in personality psychology.

The specific content will vary from year to year.

Prerequisite: PSYB30H3 ~~plus one C-level half credit in PSY~~ and PSYC35H3

Exclusion: PSY430H

Enrolment Limits: 24

Breadth Requirement: Social & Behavioural Sciences

Department of Sociology

Note regarding consultation:

All changes have been approved by the Departmental Curriculum Committee, and reviewed by the Dean's Office. Where changes may have had an impact on outside academic units, appropriate consultation has taken place.

Course change – SOCB30H3

Rationale:

There is sufficient overlap between SOC260H and SOCB30H3 to warrant adding it as an exclusion.

Calendar Copy Showing Changes:

SOCB30H3 Political Sociology

An examination of power in its social context. Specific attention is devoted to how and under what conditions power is exercised, reproduced and transformed, as well as the social relations of domination, oppression, resistance and solidarity. Selected topics may include: nations, states, parties, institutions, citizenship, and social movements.

Prerequisite: SOCA01H3 and SOCA02H3

Exclusion: SOC260H

Enrolment Limits: 170

Breadth Requirement: Social & Behavioural Sciences

Course change – SOC C- and D-levels

Rationale:

STAB22H3 is being replaced by STAB23H3, which is a new course specifically designed to meet the social statistical needs for Social Sciences students.

Calendar Copy Showing Changes:

SOCC04H3 Social Movements

The development of an approach to social movements which includes the following: the origin of social movements, mobilization processes, the career of the movement and its routinization. The course readings will be closely related to the lectures, and a major concern will be to link the theoretical discussion with the concrete readings of movements.

Prerequisite: [SOCB05H3 or [(SOCB40H3) and (SOCB41H3)] or **STAB22H3 STAB23H3**] and [0.5 credit from the following: SOCB30H3, SOCB42H3, SOCB43H3, SOCB47H3, (SOCC39H3)]

Recommended Preparation: SOCB22H3 or SOCB49H3

Enrolment Limits: 60

Breadth Requirement: Social & Behavioural Sciences

SOCC09H3 Sociology of Gender and Work

Explores the interaction of gender and work, both paid and unpaid work. Critically assesses some cases for central theoretical debates and recent research. Considers gender differences in occupational and income attainment, housework, the relation of work and family, gender and class solidarity, and the construction of gender identity through occupational roles.

Prerequisite: [[SOCB05H3](#) or [(SOCB40H3) and (SOCB41H3)] or **STAB22H3 STAB23H3**] and [0.5 credit from the following: [SOCB30H3](#), [SOCB42H3](#), [SOCB43H3](#), [SOCB47H3](#), (SOCC39H3)]

Exclusion: SOC366H

Recommended Preparation: [SOCB22H3](#) or [SOCB49H3](#)

Enrolment Limits: 60

Breadth Requirement: Social & Behavioural Sciences

SOCC15H3 Work, Employment and Society

An upper level course that examines a number of critical issues and important themes in the sociological study of work. Topics covered will include: the changing nature and organization of work, precarious employment, different forms of worker organizing and mobilization, the professions, the transition from school to work.

Prerequisite: [SOCB05H3 or [(SOCB40H3) and (SOCB41H3)] or **STAB22H3 STAB23H3**] and [0.5 credit from the following: SOCB30H3, SOCB42H3, SOCB43H3, SOCB47H3, (SOCC39H3)]

Recommended Preparation: SOCB54H3

Enrolment Limits: 60

Breadth Requirement: Social & Behavioural Sciences

NOTE: Priority will be given to students enrolled in Sociology programs.

SOCC25H3 Ethnicity, Race and Migration

A theoretical and empirical examination of ethnic identity formation, race and racism, and their relationship to international migration.

Prerequisite: [[SOCB05H3 or [(SOCB40H3) and (SOCB41H3)] or **STAB22H3 STAB23H3**] and [0.5 credit from the following: SOCB30H3, SOCB42H3, SOCB43H3, SOCB47H3, (SOCC39H3)]] or [SOCB60H3 and an additional 8.0 credits and enrolment in the Minor in Migration and Ethnic Diversity]

Recommended Preparation: SOCB22H3 or SOCB49H3

Enrolment Limits: 60

Breadth Requirement: Social & Behavioural Sciences

SOCC26H3 Sociology of Urban Cultural Policies

A popular civic strategy in transforming post-industrial cities has been the deployment of culture and the arts as tools for urban regeneration. In this course, we analyze culture-led development both as political economy and as policy discourse. Topics include the creative city; spectacular consumption spaces; the re-use of historic buildings; cultural clustering and gentrification; eventful cities; and urban 'scenes'.

Prerequisite: [[SOCB05H3 or [(SOCB40H3) and (SOCB41H3)] or **STAB22H3 STAB23H3**] and [0.5 credit from the following: SOCB30H3, SOCB42H3, SOCB43H3, SOCB47H3, (SOCC39H3)]] or [SOCB58H3 and enrolment in the Minor in Culture, Creativity, and Cities] or [CITB02H3 and enrolment in the Major/Major Co-op in City Studies]

Exclusion: SOC386Y

Recommended Preparation: SOCB44H3

Enrolment Limits: 60

Breadth Requirement: Social & Behavioural Sciences

SOCC27H3 Sociology of Suburbs and Suburbanization

This course examines the political economy of suburban development, the myth and reality of suburbanism as a way of life, the working class suburb, the increasing diversity of suburban communities, suburbia and social exclusion, and the growth of contemporary suburban forms such as gated communities and lifestyle shopping malls.

Prerequisite: [[SOCB05H3 or [(SOCB40H3) and (SOCB41H3)] or **STAB22H3 STAB23H3**] and [0.5 credit from the following: SOCB30H3, SOCB42H3, SOCB43H3, SOCB47H3, (SOCC39H3)]] or [SOCB58H3 and enrolment in the Minor in Culture, Creativity, and Cities] or [CITB02H3 and enrolment in the Major/Major Co-op in City Studies]

Recommended Preparation: SOCB22H3 or SOCB49H3

Enrolment Limits: 60

Breadth Requirement: Social & Behavioural Sciences

SOCC29H3 Special Topics in Sociology of Family

Sociological analyses of diverse family patterns across historical time and geographic space are offered under this course. Topics covered may include family structure, socialization, marriage, divorce, the gender division of labor, inheritance, and alternative family forms. Special attention is given to sociological theories accounting for dynamics within and across families. Please see the Sociology Department website for a listing of the course topic for current and upcoming semesters.

Prerequisite: [SOCB05H3 or [(SOCB40H3) and (SOCB41H3)] or **STAB22H3 STAB23H3**] and [0.5 credit from the following: SOCB30H3, SOCB42H3, SOCB43H3, SOCB47H3, (SOCC39H3)]

Enrolment Limits: 60

Breadth Requirement: Social & Behavioural Sciences

SOCC31H3 Practicum in Quantitative Research Methods

This course provides students with hands-on experience conducting quantitative research. Each

student will design and carry out a research project using secondary data. Students will select their own research questions, review the relevant sociological literature, develop a research design, conduct statistical analyses and write up and present their findings.

This course has been designated an Applied Writing Skills Course.

Prerequisite: [10.0 credits including SOCA01H3 and SOCA02H3 and SOCB05H3 and [STAB22H3 STAB23H3 or (SOCB06H3)]] and [a cumulative GPA of at least 2.3]

Exclusion: SOC300H, (SOCD31H3)

Enrolment Limits: 15

Breadth Requirement: Quantitative Reasoning

SOCC37H3 Environment and Society

This course links studies in the classical sociology of resources and territory (as in the works of Harold Innis, S.D. Clark, and the Chicago School), with modern topics in ecology and environmentalism. The course will include empirical research, and theoretical issues, in the relationship of various social systems to their natural environments.

Prerequisite: [[SOCB05H3 or [(SOCB40H3) and (SOCB41H3)] or STAB22H3 STAB23H3] and [0.5 credit from the following: SOCB30H3, SOCB42H3, SOCB43H3, SOCB47H3, (SOCC39H3)]] or [any 8.0 credits and enrolment in the Major/Major Co-op in Public Policy]

Exclusion: SOC385H

Enrolment Limits: 60

Breadth Requirement: Social & Behavioural Sciences

SOCC38H3 Gender and Education

An examination of a number of key issues in the sociology of education, focusing particularly upon gender and higher education.

Prerequisite: [SOCB05H3 or [(SOCB40H3) and (SOCB41H3)] or STAB22H3 STAB23H3] and [0.5 credit from the following: SOCB30H3, SOCB42H3, SOCB43H3, SOCB47H3, (SOCC39H3)]

Enrolment Limits: 60

Breadth Requirement: Social & Behavioural Sciences

SOCC44H3 Media and Society

Provides an introduction to the emergence, organization and regulation of various media forms; social determinants and effects of media content; responses of media audiences; and other contemporary media issues.

Prerequisite: [[SOCB05H3 or [(SOCB40H3) and (SOCB41H3)] or STAB22H3 STAB23H3] and [0.5 credit from the following: SOCB30H3, SOCB42H3, SOCB43H3, SOCB47H3, (SOCC39H3)]] or SOCB58H3 and enrolment in the Minor in Culture, Creativity, and Cities]

Exclusion: (SOCB56H3), (SOCB57H3)

Enrolment Limits: 60

Breadth Requirement: Social & Behavioural Sciences

SOCC45H3 Youth and Society

This course examines youth as a social category, a critical stage in the life course. Topics to be covered include: Youth and music, health, work and politics.

Prerequisite: [SOCB05H3 or [(SOCB40H3) and (SOCB41H3)] or STAB22H3 STAB23H3] and [0.5 credit from the following: SOCB30H3, SOCB42H3, SOCB43H3, SOCB47H3,

(SOCC39H3)]

Enrolment Limits: 60

Breadth Requirement: Social & Behavioural Sciences

NOTE: Priority will be given to students enrolled in the Sociology programs.

SOCC52H3 International Migration and Immigrant Incorporation

The course provides an overview of competing theories and concepts in the field of international migration and immigrant incorporation. Discussion puts the Canadian case in comparative perspective. Topics include global migration flows, refugeeship, citizenship and non-citizenship, economic incorporation, children of immigrants, and social exclusion.

Prerequisite: [(SOCB05H3 or [(SOCB40H3) and (SOCB41H3)] or **STAB22H3 STAB23H3**) and [0.5 credit from the following: SOCB30H3, SOCB42H3, SOCB43H3, SOCB47H3, (SOCC39H3)]] or [SOCB60H3 and an additional 8.0 credits and enrolment in the Minor in Migration and Ethnic Diversity]

Exclusion: (SOCB52H3) and SOC210Y

Enrolment Limits: 60

Breadth Requirement: Social & Behavioural Sciences

SOCC54H3 Special Topics in Sociology of Culture

Sociological analysis of the role of culture in societies is offered under this course. Topics may include the study of material cultures such as works of art, religious symbols, or styles of clothing, or non-material cultures such as the values, norms, rituals, and beliefs that orient action and social life.

Prerequisite: [SOCB05H3 or [(SOCB40H3) and (SOCB41H3)] or **STAB22H3 STAB23H3**] and [0.5 credit from the following: SOCB30H3, SOCB42H3, SOCB43H3, SOCB47H3, (SOCC39H3)]

Enrolment Limits: 60

Breadth Requirement: Social & Behavioural Sciences

NOTE: Please see the Sociology Department website at <http://www.uts.utoronto.ca/~socsci/> for a listing of the course topics for current and upcoming semesters.

SOCC55H3 Special Topics in Race and Ethnicity

This course addresses key concepts and debates in the research on race and ethnicity. Topics covered may include historical and global approaches to: assimilation, ethnic relations, intersectionality, racialization, and scientific racism.

Prerequisite: [(SOCB05H3 or [(SOCB40H3) and (SOCB41H3)] or **STAB22H3 STAB23H3**) and [0.5 credit from the following: SOCB30H3, SOCB42H3, SOCB43H3, SOCB47H3, (SOCC39H3)]] or [SOCB60H3 and an additional 8.0 credits and enrolment in the Minor in Migration and Ethnic Diversity]

Enrolment Limits: 60

Breadth Requirement: Social & Behavioural Sciences

NOTE: Please see the Sociology Department website at <http://www.uts.utoronto.ca/~socsci/> for a listing of the course topics for current and upcoming semesters.

SOC40H3 Supervised Independent Research

Independent research using field methods, survey analysis, library or archival research; regular supervision of data collection and analysis; final written research report. Intended for upper level

students with well above average performance in sociology and whose interests or needs are not met by other sociology courses being offered.

Prerequisite: Completion of at least 15.0 full credits including SOCA01H3 and SOCA02H3 and [~~STAB22H3~~ STAB23H3 or (SOCB06H3)] and [[SOCB05H3 or [(SOCB40H3) and (SOCB41H3)]] and SOCB42H3 and SOCB43H3; and permission of the instructor; and permission of the sociology supervisor of studies.

Exclusion: SOC390Y, SOC391H, SOC392H

SOCD41H3 Supervised Independent Research

Independent research using field methods, survey analysis, library or archival research; regular supervision of data collection and analysis; final written research report. Intended for upper level students with well above average performance in sociology and whose interests or needs are not met by other sociology courses being offered.

Prerequisite: Completion of at least 15.0 full credits including SOCA01H3 and SOCA02H3 and [~~STAB22H3~~ STAB23H3 or (SOCB06H3)] and [[SOCB05H3 or [(SOCB40H3) and (SOCB41H3)]] and SOCB42H3 and SOCB43H3; and permission of the instructor; and permission of the sociology supervisor of studies.

Exclusion: SOC390Y, SOC391H, SOC392H

SOCD50H3 Research Seminar: Realizing the Sociological Imagination

This course presents students with the opportunity to integrate and apply their sociological knowledge and skills through conducting independent research. In a step-by-step process, each student will design and conduct an original research study. The course is especially suited for those students interested in pursuing graduate studies or professional careers involving research skills.

Prerequisite: 12.0 credits including SOCA01H3 and SOCA02H3 and SOCB05H3 and [~~STAB22H3~~ STAB23H3 or (SOCB06H3)] and [SOCC23H3 or SOCC31H3] and a cumulative GPA of at least 2.7

Enrolment Limits: 15

Breadth Requirement: Social & Behavioural Sciences

Part II: Deleted Courses

Rationale:

The courses are being deleted because they are redundant, have not been offered in many years and no longer fit with the priorities of the academic unit offering them, or the faculty member who taught the course is no longer at UTSC.

Academic Unit	Course Code	Course Title
Anthropology	HLTB05H3	Introduction to Sport Management, Health and the Environment
Anthropology	HLTC40H3	Introduction to Health Economics
ACM	VPHB41H3	The Human Figure in Greek Art (8 th – 4 th Centuries B.C.)
ACM	VPHB46H3	Paris: The Capital of the 19 th Century: Impressionism and Post-Impressionism
ACM	VPHB52H3	Ancient Art and Architecture (ca. 900 B.C.-300 A.D.)
ACM	VPHB57H3	Women in the Arts: Hot Mamas, Amazons, and Madonnas
ACM	VPHB60H3	Canadian Visual Art
ACM	VPHB61H3	Space, Place and the Arts
ACM	VPHB65H3	Exhibiting Africa: Spectacle and the Politics of Representation
ACM	VPHB67H3	Religion in the Arts: Buddhist Arts and Culture
ACM	VPHB72H3	Museum and Curatorial Practice: Theoretical and Ethical Issues
ACM	VPHB75H3	Religion in the Arts: Hinduism and Jainism
ACM	VPHB76H3	Religion in the Arts: The Judeo-Christian Traditions
ACM	VPHC46H3	Topics in Art of the Ancient World
ACM	VPHC51H3	Word and Image
ACM	VPHD41H3	Supervised Reading in Art History
ACM	VPHD45H3	Seminar in Art and Anthropology
ACM	VPHD47H3	Politics and East Asian Art
ACM	VPMB65H3	Music and Healing
ACM	VPMB77H3	Music in Religion and Ritual
ACM	VPMB79H3	Performing Arts of Asia
ACM	VPMB83H3	Popular Music in the Modern and Contemporary Eras
ACM	VPMB93H3	Music for the Theatre
ACM	VPMB95H3	Elementary Musicianship II
ACM	VPMB96H3	Popular Music
ACM	VPMB97H3	Film Music
ACM	VPMC75H3	Music in the World of Islam: Philosophy, Power and Politics
ACM	VPMC80H3	Opera
ACM	VPMC82H3	Topics in Canadian Music
ACM	VPMC83H3	Music and Gender
ACM	VPMC84H3	Issues, Approaches, and Exchanges in Popular Music
ACM	ACMA02H3	Inquiry and Reasoning in the Humanities
HCS	GASB35H3	The Japanese Empire: A Short History
HCS	GASB67H3	Religion in the Arts: Buddhist Arts and Culture
HCS	GASB75H3	Religion in the Arts: Hinduism and Jainism
HCS	GASC19H3	Gender in East Asian Science and Technology

HCS	GASD47H3	Politics and East Asian Art
HCS	WSTC19H3	Gender in East Asian Science and Technology
HCS	WSTC21H3	Gender, Health, Science in Transnational Perspective
Management	MGTA06H3	Introduction to Health Management
Management	MGSC15H3	Health Management Ethics
Management	MGSC33H3	Health Sector Law
Management	MGSD02H3	Strategic Management for High Performance Health Organizations – Capstone Course
Management	MGAD30H3	Auditing in a Computer Environment
Psychology	PSYA90H3	WikiScholar
Psychology	PSYC84H3	Psychology and the Scientific Mind
Psychology	PSYD58H3	The Scientific Study of Conscious and Unconscious Influences
Sociology	SOCB51H3	Deviance and Normality II