

The following proposals, received on DAP between March 1-15, 2016, have been approved. For more information on the DAP process, [see the Academic Handbook here](#).

FACULTY OF ARTS AND HUMANITIES

ENGLISH AND WRITING STUDIES

Effective **September 1, 2016**, *Theatre Studies 4215F/G – Destination Theatre* be withdrawn.

Effective **March 1, 2016**, the following courses be introduced.

Theatre Studies 3900F/G – Destination Theatre

This course provides students with the opportunity to develop their drama education more deeply through the experience of theatre abroad, in cities such as New York and London, England. Students' attendance at live performance will be complemented with daily lectures, and tours of theatres, archives, and relevant historical sites.

Prerequisite(s): At least 60% in 1.0 of English 1020E or 1022E or 1024E or 1035E or 1036E or both English 1027F/G and 1028F/G, or permission of the Department.

3 hours, 0.5 course. Experiential learning; part of the course is in a classroom setting; the other part is a trip (e.g. to London or New York) during Intersession.

Note: Application required. See Department website for details.

Theatre Studies 3950E – Special Topics in Theatre Studies

Consult program offerings.

Prerequisite(s): At least 60% in 1.0 of English 1020E or 1022E or 1024E or 1035E or 1036E or both English 1027F/G and 1028F/G, or permission of the Department.

3 hours, 1.0 course.

Theatre Studies 3951F/G – Special Topics in Theatre Studies

Consult program offerings.

Prerequisite(s): At least 60% in 1.0 of English 1020E or 1022E or 1024E or 1035E or 1036E or both English 1027F/G and 1028F/G, or permission of the Department.

3 hours, 0.5 course.

Theatre Studies 3952F/G – Special Topics in Theatre Studies

Consult program offerings.

Prerequisite(s): At least 60% in 1.0 of English 1020E or 1022E or 1024E or 1035E or 1036E or both English 1027F/G and 1028F/G, or permission of the Department.

3 hours, 0.5 course.

Effective **September 1, 2016**, the following modules be revised.

MAJOR IN THEATRE STUDIES

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Module

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4.0 courses taken in Years 3 and Year 4 from Theatre Studies 3201F/G, 3202F/G, 3203F/G, 3204F/G, 3205F/G, 3206F/G, 3207F/G, 3208F/G, 3209F/G, 3211F/G, 3900F/G, 3950E, 3951F/G, 3952F/G, 4211F/G, 4212F/G, 4214F/G, 4215F/G, English 2041F/G. At least 4.0 0.5 course must

be at the 4000 level. Up to 1.0 relevant course other than Theatre Studies may be substituted with permission of the Chair of Undergraduate Studies.

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MINOR IN THEATRE STUDIES

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Module

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2.0 courses taken in Years 3 and Year 4 from Theatre Studies 3201F/G, 3202F/G, 3203F/G, 3204F/G, 3205F/G, 3208F/G, 3209F/G, 3211F/G, 3900F/G, 3950E, 3951F/G, 3952F/G, 4211F/G, 4212F/G, 4214F/G, ~~4215F/G~~, English 2041F/G. Up to 1.0 relevant course other than Theatre Studies may be substituted with permission of the Chair of Undergraduate Studies.

*Effective **September 1, 2016**, the following courses be introduced.*

Writing 2500A/B – Special Topics in Writing Studies

Please consult the Writing Studies Office for current or anticipated offerings.
3 lecture hours, 0.5 course.

Writing 2501A/B – Special Topics in Writing Studies

Please consult the Writing Studies Office for current or anticipated offerings.
3 lecture hours, 0.5 course.

Writing 2502A/B – Special Topics in Writing Studies

Please consult the Writing Studies Office for current or anticipated offerings.
2 lecture hours, 1 tutorial or lab hour, 0.5 course.

Writing 2503A/B – Special Topics in Writing Studies

Please consult the Writing Studies Office for current or anticipated offerings.
2 lecture hours, 1 tutorial or lab hour, 0.5 course.

Writing 2504A/B – Special Topics in Writing Studies

Please consult the Writing Studies Office for current or anticipated offerings.
2 lecture hours, 0.5 course.

Writing 2505A/B – Special Topics in Writing Studies

Please consult the Writing Studies Office for current or anticipated offerings.
2 lecture hours, 0.5 course.

FILM STUDIES

*Effective **September 1, 2016**, the following courses be withdrawn.*

Film Studies 2251E: World Cinema

Film Studies 2253E: American Cinema

*Effective **September 1, 2016**, the following courses be introduced.*

Film Studies 2252F/G – World Cinema

A survey of the history of world cinema, with a focus on postwar film cultures in areas such as Africa, Latin America, Asia, Europe, and Australia. Students will study films as expressive audio-visual texts and examine larger social, economic, and cultural patterns of influence in the global

cultural economy.

Antirequisite(s): The former Film Studies 151E and Film Studies 2251E.

Prerequisite(s): At least 60% in Film Studies 1020E or Film Studies 1022 or special permission of the Department.

2 lecture/seminar hours, 1 3-hour lecture/screening, 0.5 course.

Film Studies 2254F/G – American Cinema

This course traces a history of American film from the silent period to the end of the studio era. Topics include the establishment of the Hollywood style, major directors/genres, as well as key industrial, technological, and cultural factors in the development of Hollywood cinema.

Antirequisite(s): The former Film Studies 153E or Film Studies 2253E.

Prerequisite(s): At least 60% in Film Studies 1020E or Film Studies 1022 or permission of the Department.

2 lecture/seminar hours, 1 3-hour lecture/screening, 0.5 course.

*Effective **September 1, 2016**, the following modules be revised.*

HONORS SPECIALIZATION IN FILM STUDIES

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Module

9.0 courses

2.0 4.0 courses: Film Studies ~~2200F/G, 2230F/G, 2250F/G, 2251E, 2253E,~~ **2252F/G, 2254F/G,** 3371F/G.

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1.5 0.5 course from: Film Studies 2242F/G, 2243F/G, 2244E, 2245F/G-2247F/G, 3330F/G, 3373F/G, or an approved course offered by another Department or Faculty.

3.0 ~~2.0~~ additional courses in Film Studies at the 2100 level or above (**2.5 if Film Studies 4409E has already been taken**) or approved courses offered by other Departments or Faculties. No more than 1.0 of these courses may be at the 2100 level.

MAJOR IN FILM STUDIES

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Module

6.0 courses

1.0 ~~1.5~~ course from: Film Studies ~~2250F/G, 2251E, 2253E,~~ **2252F/G, 2254F/G.**

1.5 ~~2.0~~ courses: Film Studies ~~2200F/G, 2230F/G, 3371F/G, 3373F/G.~~

1.5 ~~1.0~~ courses from: Film Studies 2242F/G, 2243F/G, 2244E, 2245F/G-2247F/G, 2258F/G, 3330F/G or an approved course offered by another Department or Faculty.

2.0 ~~1.5~~ additional courses in Film Studies at the 2100 level or above or approved courses offered by other Departments or Faculties. No more than 1.0 of these courses may be at the 2100 level.

SPECIALIZATION IN FILM STUDIES

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Module

9.0 courses

2.0 4.0 courses: Film Studies ~~2200F/G, 2230F/G, 2250F/G, 2251E, 2253E,~~ **2252F/G, 2254F/G,** 3371F/G.

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2.0 0.5 courses from: Film Studies 2242F/G, 2243F/G, 2244E, 2245F/G-2247F/G, 3330F/G, 3373F/G, or an approved course offered by another Department or Faculty.

3.0 ~~2-5~~ additional courses in Film studies at the 2100 level or above or approved courses offered by other Departments or Faculties. No more than 1.0 of these courses may be at the 2100 level.

MINOR IN FILM STUDIES

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Module

4.0 courses

1.0 ~~2-0~~ courses: Film Studies 2200F/G, 2230F/G, 2254E, **2252F/G**.

0.5 course from: Film Studies 2158F/G, 2258F/G.

2.5 ~~1-5~~ additional courses in Film Studies at the 2100 level* or above. Other courses may be substituted with permission of the Department.

*No more than 1.0 course at the 2100 level may be counted towards the Minor in Film Studies.

MODERN LANGUAGES AND LITERATURES

Effective **March 1, 2016**, the following course be introduced.

Spanish 1032 – Spanish for Beginners (Blended Format)

Speaking Spanish opens the door to a broad and exciting world. This beginners course with a blended methodology combines the advantages of face-to-face instruction with the flexibility and rich feedback provided by online learning. The course includes 2 hours of traditional classroom instruction and 2 hours of engaging online activities.

Antirequisite(s): Spanish 1030, Grade 12U Spanish.

4 hours, blended format, 1.0 course.

FACULTY OF ENGINEERING

Effective **September 1, 2015**, the following course be introduced.

ES 3310A/B – Chemical Engineering in a Global Context

This course exposes undergraduate engineering students to: (i) social and business/industrial culture through lectures and visits to selected cultural sites; (ii) engineering education practices through hands-on experience; and, (iii) state-of-the-art industrial technologies through visits to selected design and production facilities, allowing them to build international linkages facilitating global engagement and to prepare for the competitive worldwide job market.

Prerequisite(s): Completion of second year of the Chemical Engineering program.

0.5 course. 3 weeks of travel.

CHEMICAL AND BIOCHEMICAL ENGINEERING

Effective **September 1, 2016**, the following courses be revised.

CBE 2290A/B – Fundamentals of Biochemical and Environmental Engineering

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~~Restricted to students enrolled in Engineering or by permission of the Department of Chemical and Biochemical Engineering.~~

CBE 3319A/B – Introduction to Plant Design and Safety

Course Description: No change.

Antirequisite(s): **GPE 3382A/B**, the former CBE 3317Y.

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CBE 4417A/B – Catalytic Processes

Course Description: No change.

Prerequisite(s): CBE 3315A/B **or** GPE 3315A/B.

3 lecture hours, 1 tutorial hour, 0.5 course.

CBE 4425 – Biochemical and Environmental Engineering Project

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Prerequisite(s): Completion of third year of the **Biochemical and Environmental Engineering program**. ~~Green Processing Engineering program.~~

6 laboratory hours, 1.0 course.

Effective **September 1, 2016**, the following module be revised.

B. Biochemical and Environmental Engineering Option

Third Year Program

CBE 3310A/B, CBE 3315A/B, CBE 3318A/B, CBE 3319A/B, CBE 3322A/B, CBE 3323A/B, CBE 3324A/B, CBE 3325A/B, CBE 3330A/B, CBE 3395Y, ECE 2208A/B, **one 0.5 technical elective.**

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Technical Electives: Biochemical Engineering Courses

CBE 4403A/B, CBE 4404A/B, CBE 4413A/B, CBE 4421A/B, **CBE 4422A/B**, CBE 4423A/B.

GREEN PROCESS ENGINEERING

Effective **September 1, 2016**, GPE 3324A/B: Mass Transfer Operations with Green Engineering Applications be withdrawn.

Effective **September 1, 2016**, the following courses be revised.

GPE 2213A/B – Green Chemistry I

Course Description: No change.

Antirequisite(s): Chemistry 2213A/B, **CBE 2206A/B**.

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GPE 2214A/B – Green Chemistry II

Course Description: No change.

Antirequisite(s): Chemistry 2223B, **CBE 2207A/B**.

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GPE 3315A/B – Reaction Engineering with Green Engineering Applications

Course Description: No change.

Antirequisite(s): **CBE 3315A/B**.

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FACULTY OF LAW

Effective **September 1, 2016**, the following courses be withdrawn.

Law 5320 A/D - Municipal Law

Law 5795 A/D - Remedies

Effective September 1, 2016, the following course be revised.

Law 5515A/D – ~~Corporate Reorganization~~ Advanced Restructuring and Insolvency Law

An examination of the law governing the reorganization of insolvent corporations and the principles governing receiverships, this seminar course considers those issues in greater depth than is possible in the Bankruptcy and Insolvency Law course. Topics covered may include the initiation of a reorganization, secured creditor rights and the stay of proceedings, priority of claims, debtor in possession financing, approval of the plan, cross-border issues.

This course examines complex commercial restructuring and insolvency issues with a particular focus on Companies' Creditors Arrangement Act restructurings and issues arising out of some significant Canadian and cross-border restructurings.

Antirequisite(s): Law 5869

Prerequisite(s): Law 5210 and Law 5505

Three credits, one term.

Effective September 1, 2016, the following courses be introduced.

Law 5322A/D - Municipal Law

An examination of the powers of municipal corporations, actions brought by and against municipal corporations, public housing, expropriation, and regional government.

Antirequisite(s): Law 5874 and the former Law 5320.

Three credits, one term.

Law 5556A/C/D - Mergers, Acquisitions and Other Changes to Corporate Control

This course will introduce students to the legal, regulatory, and public policy aspects of a variety of methods for effecting changes of corporate control including asset sales, amalgamations, takeover bids, and statutory plans of arrangement. Discussion of these topics will integrate legal rules with economic and financial principles.

Prerequisite(s): Law 5210

Antirequisite(s): Law 5834 and Law 5899

Four credits, one term.

Law 5561A/C/D - Corporate Social Responsibility

Corporate Social Responsibility (CSR) is action by a business that goes beyond compliance with domestic law. The line between mandatory and voluntary ethical norms is far from clear. This course explores the theory and practice of CSR and the responsibilities of businesses to respect human rights in Canadian and transnational law.

Antirequisite(s): Law 5832

Four credits, one term.

Law 5562A/D - Mining Law

This course examines many areas of law (mining, real property, contract, Aboriginal, environmental, securities regulation) that relate to mineral resource exploration and development and provide the basis for sustainable economic development, growth and prosperity in the Canadian mineral resource sector and internationally.

Antirequisite(s): Law 5862

Three credits, one term.

Law 5563A/D - Mining Finance Speakers' Series

As a speakers series, the Faculty of Law will host scholars and practitioners from business, law, and earth sciences. Exploring sources of capital available to mining companies, including political and social factors affecting project risk, the course connects the multidisciplinary nature of financing of mineral resource exploration and sustainable development.

Prerequisite(s): Law 5210

Antirequisite(s): Law 5802

Two credits, one term.

Law 5794A/D – Remedies

This is a combined seminar/lecture course covering selected remedies with emphasis on common law damages, specific performance, injunctions, declarations, mandamus, and other extraordinary remedies. An interest in civil litigation research and preparation is expected.

Antirequisite(s): Law 5875 and the former Law 5795.

Three credits, one term.

DON WRIGHT FACULTY OF MUSIC

Effective **September 1, 2016**, the following course be introduced.

Music 3713A/B/Y – Topics in Ethnomusicology

Selected topics in ethnomusicology – the study of musical traditions in their cultural and social contexts.

Prerequisite(s): One of Music 1710F/G, Music 1170A/B/Y, or Music 2171A/B/Y.

3 hours, 0.5 course.

Effective **September 1, 2016**, the following courses be revised.

Music 1170A/B/Y – Introduction to Musics of the World ~~Music in Global Contexts I~~

~~A survey of various music cultures of the world, including First Nations musics. This course aims to broaden the musical and socio-cultural perspectives of students as they explore musical systems, ideas, and aesthetics of other cultures. Lecture format, audio and video examples, guest presentations and hands-on experience.~~

A survey of music cultures from across the world, including Indigenous musics. The course explores both the organization of musical sound and uses of music in social life. Lecture format, audio and video examples, guest presentations, and hands-on experience.

3 hours, 0.5 course.

Music 2171A/B/Y – Introduction to Ethnomusicology ~~Music in Global Contexts II~~

~~A survey of various music cultures of the world, including First Nations musics. This course aims to broaden the musical and socio-cultural perspectives of students as they explore musical systems, ideas, and aesthetics of other cultures. Lecture format, audio and video examples, guest presentations and hands-on experience.~~

Examines the history, principles, and methods of Ethnomusicology. Coursework may include transcription, ethnography, and fieldwork.

Antirequisite(s): The former Music 1171A/B.

3 hours, 0.5 course.

FACULTY OF SOCIAL SCIENCE**GEOGRAPHY**

Effective **September 1, 2016**, the following course be introduced.

Geography 2156A/B – Animal Geographies

Investigates the fast-changing geographies of animals in relation to global environmental change. The initial focus is on extinctions, endangerment, and broad population declines occurring among many wild animal species. The subsequent focus is on the soaring populations and conditions of life for a few species of domesticated animals.

3 lecture hours, 0.5 course.

Effective **September 1, 2016**, the following courses be revised.

Geography 4460F/G – Real Estate and the Cities

~~The course is a continuation of Geography 3464F/G.~~ The object of the course is to expose students to the theoretical and empirical underpinnings of urban form and structure. A major focus is on understanding the theories, acquiring the techniques to test the theories, and critiquing the approaches employed for the empirical tests.

Antirequisite(s): **MOS 4314F/G**, the former Geography ~~377F/G, 378F/G, and 3460E.~~

Prerequisite(s): Geography 2210A/B, **MOS 2242, Statistics 2035 or equivalent and 4th year standing in any Geography or MOS modules.** ~~and Geography 3464F/G. Geography 2420A/B and 3210A/B are strongly recommended.~~

2 lecture hours, 1 tutorial hour, 0.5 course.

MANAGEMENT AND ORGANIZATIONAL STUDIES

Effective **September 1, 2016**, the following course be introduced.

MOS 4314F/G – Real Estate and the City

The object of the course is to expose students to the theoretical and empirical underpinnings of urban form and structure. A major focus is on understanding the theories, acquiring the techniques to test the theories, and critiquing the approaches employed for the empirical tests.

Antirequisite(s): Geography 4460F/G, the former Geography 3460E.

Prerequisite(s): Geography 2210A/B, MOS 2242A/B, Statistics 2035 or equivalent and enrolment in year 4 of BMOS or Geography.

2 lecture hours, 1 tutorial hour, 0.5 course.

Effective **September 1, 2016**, the following modules be revised.

HONORS SPECIALIZATION IN ACCOUNTING

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Module

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0.5 course from: Anthropology 2201F/G, 2203F/G, 2262F/G, 2272F/G, 2280F/G; Economics 2124A/B, 2125A/B, 2128A/B, 2129A/B, 2150A/B, 2152A/B, 2154A/B, 2155A/B, 2156A/B, 2159A/B, 2160A/B, 2162A/B, ~~2163A/B, 2164A/B,~~ 2167A/B, 2181A/B, 2184A/B, 2191A/B; **English 2018A/B, 2019A/B**; Geography 2143A/B, 2144A/B, 3422A/B; History 2120A/B, 2125F/G, 2127F/G, 2128A/B, 2703F/G, 2807F/G; MOS 2277A/B, 3367A/B; Philosophy 2074F/G, 2720F/G, 2730F/G, 2821F/G, 2822F/G; Psychology 2030A/B, 2035A/B, 2070A/B; Sociology 2172A/B,

3308F/G, 3315F/G.

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MAJOR IN ACCOUNTING (must be part of Honors Double Major)

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Module

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0.5 course from: Anthropology 2201F/G, 2203F/G, 2262F/G, 2272F/G, 2280F/G; Economics 2124A/B, 2125A/B, 2128A/B, 2129A/B, 2150A/B, 2152A/B, 2154A/B, 2155A/B, 2156A/B, 2159A/B, 2160A/B, 2162A/B, ~~2163A/B, 2164A/B~~, 2167A/B, 2181A/B, 2184A/B, 2191A/B; English 2018A/B, 2019A/B; Geography 2143A/B, 2144A/B, 3422A/B; History 2125F/G, 2127F/G, 2149A/B, 2703F/G, 2807F/G; MOS 2276A/B, 2277A/B, 3367A/B, 4462A/B, 4463A/B, 4464A/B; Philosophy 2074F/G, 2720F/G, 2730F/G, 2821F/G, 2822F/G; Psychology 2030A/B, 2035A/B, 2070A/B, Sociology 2172A/B, 3308F/G, 3315F/G.

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SPECIALIZATION IN ACCOUNTING

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Module

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1.0 course from: Anthropology 2201F/G, 2203F/G, 2262F/G, 2272F/G, 2280F/G; Economics 2124A/B, 2125A/B, 2128A/B, 2129A/B, 2150A/B, 2152A/B, 2154A/B, 2155A/B, 2156A/B, 2159A/B, 2160A/B, 2162A/B, ~~2163A/B, 2164A/B~~, 2167A/B, 2181A/B, 2184A/B, 2191A/B; English 2018A/B, 2019A/B; Geography 2143A/B, 2144A/B, 3422A/B; History 2120A/B, 2125F/G, 2127F/G, 2128A/B, 2703F/G, 2807F/G; MOS 2277A/B; Philosophy 2074F/G, 2720F/G, 2730F/G, 2821F/G, 2822F/G; Political Science 2211E, 2236E, 2246E; Psychology 2030A/B, 2035A/B, 2070A/B; Sociology 2172A/B, 2233 or 2234E, 3308F/G, 3315F/G.

HONORS SPECIALIZATION IN CONSUMER BEHAVIOR

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Module

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1.0 course from: Anthropology 2201F/G, 2203F/G, 2262F/G, 2272F/G, 2280F/G; Economics 2124A/B, 2125A/B, 2128A/B, 2129A/B, 2150A/B, 2152A/B, 2154A/B, 2155A/B, 2156A/B, 2159A/B, 2160A/B, 2162A/B, ~~2163A/B, 2164A/B~~, 2165F/G, 2167A/B, 2181A/B, 2184A/B, 2191A/B; English 2018A/B, 2019A/B; Geography 2143A/B, 2144A/B, 2410A/B, 3411A/B, 3422A/B; History 2120A/B, 2125F/G, 2127F/G, 2128A/B, 2703F/G, 2807F/G; MOS 2277A/B, 3367A/B; Philosophy 2074F/G, 2720F/G, 2730F/G, 2821F/G, 2822F/G; Political Science 2211E, 2236E, 2246E; Psychology 2030A/B, 2035A/B, 2070A/B; Sociology 2172A/B, 3308F/G, 3315F/G.

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MAJOR IN CONSUMER BEHAVIOR (must be part of Honors Double Major)

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Module

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1.0 course from: Anthropology 2201F/G, 2203F/G, 2262F/G, 2272F/G, 2280F/G; Economics 2124A/B, 2125A/B, 2128A/B, 2129A/B, 2150A/B, 2151A/B, 2152A/B, 2154A/B, 2155A/B, 2156A/B, 2159A/B, 2160A/B, 2162A/B, ~~2163A/B, 2164A/B~~, 2165F/G, 2167A/B, 2181A/B, 2184A/B, 2191A/B; English 2018A/B, 2019A/B; Geography 2143A/B, 2144A/B, 2410A/B, 3411A/B, 3422A/B; History 2125F/G, 2127F/G, 2703F/G, 2807F/G; MOS 2277A/B, 3367A/B,

4423F/G; Philosophy 2074F/G, 2720F/G, 2730F/G, 2821F/G, 2822F/G; Political Science 2211E, 2236E, 2246E; Psychology 2030A/B, 2035A/B, 2070A/B; Sociology 2169, 2172A/B, 2233 or 2234E, 3308F/G, 3315F/G.

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SPECIALIZATION IN CONSUMER BEHAVIOUR

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Module

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2.0 courses from: Anthropology 2201F/G, 2203F/G, 2262F/G, 2272F/G, 2280F/G; Economics 2124A/B, 2125A/B, 2128A/B, 2129A/B, 2150A/B, 2151A/B, 2152A/B, 2154A/B, 2155A/B, 2156A/B, 2159A/B, 2160A/B, 2162A/B, ~~2163A/B, 2164A/B~~, 2165F/G, 2167A/B, 2181A/B, 2184A/B, 2191A/B; English 2018A/B, 2019A/B; Geography 2143A/B, 2144A/B, 2410A/B, 3411A/B, 3422A/B; History 2120A/B, 2125F/G, 2127F/G, 2128A/B, 2703F/G, 2807F/G; MOS 2277A/B, 3367A/B; Philosophy 2074F/G, 2720F/G, 2730F/G, 2821F/G, 2822F/G; Political Science 2211E, 2236E, 2246E; Psychology 2030A/B, 2035A/B, 2070A/B; Sociology 2169, 2172A/B, 2233 or 2234E, 3308F/G, 3315F/G.

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HONORS SPECIALIZATION IN FINANCE

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Module

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1.5 courses normally taken in fourth year from: MOS 4312A/B, 4313A/B, 4314F/G; Economics 3328A/B, 3329A/B, 3332A/B, 3344A/B, 3352A/B, 3362A/B, 3364A/B, ~~3365A/B~~.

0.5 course from: Anthropology 2201F/G, 2203F/G, 2262F/G, 2272F/G, 2280F/G; English 2018A/B, 2019A/B; Geography 2143A/B, 2144A/B, 2460F/G, 3422A/B; History 2120A/B, 2125F/G, 2127F/G, 2128A/B, 2703F/G, 2807F/G; MOS 2277A/B, 3367A/B; Philosophy 2074F/G, 2720F/G, 2730F/G, 2821F/G, 2822F/G; Psychology 2030A/B, 2035A/B, 2070A/B; Sociology 2172A/B, 3308F/G, 3315F/G.

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MAJOR IN FINANCE (must be part of Honors Double Major)

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Module

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0.5 course from: MOS 3313A/B, 4312A/B, 4313A/B, 4314F/G.

0.5 course: MOS 4410A/B.

1.0 course from: Anthropology 2201F/G, 2203F/G, 2262F/G, 2272F/G, 2280F/G; Economics 2124A/B, 2125A/B, 2128A/B, 2129A/B, 2154A/B, 2155A/B, 2156A/B, 2159A/B, 2160A/B, 2162A/B, ~~2163A/B, 2164A/B~~, 2167A/B, 2181A/B, 2184A/B, 2191A/B; English 2018A/B, 2019A/B; Geography 2143A/B, 2144A/B, 3422A/B; History 2125F/G, 2127F/G, 2703F/G, 2807F/G; MOS 2277A/B, 3367A/B; Philosophy 2074F/G, 2720F/G, 2730F/G, 2821F/G, 2822F/G; Political Science 2211E, 2236E, 2246E; Psychology 2030A/B, 2035A/B, 2070A/B; Sociology 2172A/B, 2233 or 2234E, 3308F/G, 3315F/G.

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SPECIALIZATION IN FINANCE

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Module

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2.0 courses normally taken in third year from: MOS 3311A/B, 3313A/B; Geography 3464F/G (Geography 2460F/G must be taken prior to enrolling in Geography 3464F/G); Actuarial Science 2053; Economics 2154A/B, 2159A/B, 2160A/B, ~~2164A/B~~, 2167A/B, 2184A/B.

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0.5 course normally taken in fourth year from: MOS 4312A/B, 4313A/B, **4314F/G**, Economics 2155A/B, 2156A/B, 2162A/B, ~~2163A/B~~.

1.0 course from: Anthropology 2201F/G, 2203F/G, 2262F/G, 2272F/G, 2280F/G; Economics 2124A/B, 2125A/B, 2128A/B, 2129A/B, 2154A/B, 2155A/B, 2156A/B, 2159A/B, 2160A/B, 2162A/B, ~~2163A/B, 2164A/B~~, 2167A/B, 2181A/B, 2184A/B, 2191A/B; **English 2018A/B, 2019A/B**; Geography 2143A/B, 2144A/B, 2460F/G, 3422A/B; History 2120A/B, 2125F/G, 2127F/G, 2128A/B, 2703F/G, 2807F/G; MOS 2277A/B, 3367A/B; Philosophy 2074F/G, 2720F/G, 2730F/G, 2821F/G, 2822F/G; Political Science 2211E, 2236E, 2246E; Psychology 2030A/B, 2035A/B, 2070A/B; Sociology 2172A/B, 2233 or 2234E, 3308F/G, 3315F/G.

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HONORS SPECIALIZATION IN HUMAN RESOURCE MANAGEMENT

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Module

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1.0 course from: Anthropology 2201F/G, 2203F/G, 2262F/G, 2272F/G, 2280F/G; Economics 2124A/B, 2125A/B, 2128A/B, 2129A/B, 2150A/B, 2152A/B, 2154A/B, 2155A/B, 2156A/B, 2159A/B, 2160A/B, 2162A/B, ~~2163A/B, 2164A/B~~, 2167A/B, 2181A/B, 2184A/B, 2191A/B; **English 2018A/B, 2019A/B**; Geography 2143A/B, 2144A/B, 3422A/B; History 2120A/B, 2125F/G, 2127F/G, 2128A/B, 2703F/G, 2807F/G; MOS 2277A/B, 2310A/B*, MOS 3367A/B; Philosophy 2074F/G, 2720F/G, 2730F/G, 2821F/G, 2822F/G; Political Science 2211E, 2236E, 2246E; Psychology 2030A/B, 2035A/B, 2070A/B; Sociology 2172A/B, 2233 or 2234E, 3308F/G, 3315F/G.

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MAJOR IN HUMAN RESOURCE MANAGEMENT (must be part of Honors Double Major)

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Module

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1.0 course from: Anthropology 2201F/G, 2203F/G, 2262F/G, 2272F/G, 2280F/G; Economics 2124A/B, 2125A/B, 2128A/B, 2129A/B, 2150A/B, 2152A/B, 2154A/B, 2155A/B, 2156A/B, 2159A/B, 2160A/B, 2162A/B, ~~2163A/B, 2164A/B~~, 2167A/B, 2181A/B, 2184A/B, 2191A/B; **English 2018A/B, 2019A/B**; Geography 2143A/B, 2144A/B, 3422A/B; History 2125F/G, 2127F/G, 2703F/G, 2807F/G; MOS 2310A/B**, MOS 2320A/B**, MOS 2277A/B, 3330A/B, 3367A/B; Philosophy 2074F/G, 2720F/G, 2730F/G, 2821F/G, 2822F/G; Political Science 2211E, 2236E, 2246E; Psychology 2030A/B, 2035A/B, 2070A/B; Sociology 2172A/B, 2233 or 2234E, 3308F/G, 3315F/G.

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SPECIALIZATION IN HUMAN RESOURCE MANAGEMENT

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Module

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1.0 course from: Anthropology 2201F/G, 2203F/G, 2262F/G, 2272F/G, 2280F/G; Economics

2124A/B, 2125A/B, 2128A/B, 2129A/B, 2150A/B, 2152A/B, 2154A/B, 2155A/B, 2156A/B, 2159A/B, 2160A/B, 2162A/B, ~~2163A/B, 2164A/B~~, 2167A/B, 2181A/B, 2184A/B, 2191A/B; **English 2018A/B, 2019A/B**; Geography 2143A/B, 2144A/B, 3422A/B; History 2120A/B, 2125F/G, 2127F/G, 2128A/B, 2149A/B, 2703F/G, 2807F/G; MOS 2277A/B, 2310A/B*, MOS 3367A/B; Philosophy 2074F/G, 2720F/G, 2730F/G, 2821F/G, 2822F/G; Political Science 2211E, 2236E, 2246E; Psychology 2030A/B, 2035A/B, 2070A/B; Sociology 2172A/B, 2233 or 2234E, 3308F/G, 3315F/G.

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HONORS SPECIALIZATION IN COMMERCIAL AVIATION MANAGEMENT

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Module

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1.5 courses from: Actuarial Science 2053; Anthropology 2201F/G, 2203F/G, 2262F/G, 2272F/G, 2280F/G; Economics 2124A/B, 2125A/B, 2128A/B, 2129A/B, 2150A/B, 2152A/B, 2154A/B, 2155A/B, 2156A/B, 2159A/B, 2160A/B, 2162A/B, ~~2163A/B, 2164A/B~~, 2167A/B, 2181A/B, 2184A/B, 2191A/B; **English 2018A/B, 2019A/B**; Geography 2143A/B, 2144A/B, 3422A/B; History 2120A/B, 2125F/G, 2127F/G, 2128A/B, 2703F/G, 2807F/G; MOS 2277A/B, 3367A/B; Philosophy 2074F/G, 2720F/G, 2730F/G, 2821F/G, 2822F/G; Political Science 2211E, 2236E, 2246E; Psychology 2030A/B, 2035A/B, 2070A/B, 2820E; Sociology 2205A/B, 2206A/B, 2172A/B, 2233 or 2234E, 3308F/G, 3315F/G; Statistical Sciences 2035.

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SPECIALIZATION IN COMMERCIAL AVIATION MANAGEMENT

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Module

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1.5 courses normally taken in third year from: Actuarial Science 2053; Anthropology 2201F/G, 2203F/G, 2262F/G, 2272F/G, 2280F/G; Economics 2124A/B, 2125A/B, 2128A/B, 2129A/B, 2150A/B, 2152A/B, 2154A/B, 2155A/B, 2156A/B, 2159A/B, 2160A/B, 2162A/B, ~~2163A/B, 2164A/B~~, 2167A/B, 2181A/B, 2184A/B, 2191A/B; **English 2018A/B, 2019A/B**; Geography 2143A/B, 2144A/B, 3422A/B; History 2120A/B, 2125F/G, 2127F/G, 2128A/B, 2703F/G, 2807F/G; MOS 2277A/B, 3367A/B; Philosophy 2074F/G, 2720F/G, 2730F/G, 2821F/G, 2822F/G; Political Science 2211E, 2236E, 2246E; Psychology 2030A/B, 2035A/B, 2070A/B, 2820E; Sociology 2205A/B, 2206A/B, 2172A/B, 2233 or 2234E, 3308F/G, 3315F/G; Statistical Sciences 2035.

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POLITICAL SCIENCE

*Effective **September 1, 2016**, the following course be introduced.*

Political Science 4209F/G – Political Strategy and Communication

This course provides an advanced introduction to some of the practical skills involved in political campaigns including lobbying/advocacy campaigns by businesses and NGOs and election campaigns. It focuses on developing specific skills related to strategy, tactics and communications using case studies and practically-oriented assignments.

Antirequisite(s): Political Science 4417F if taken in 2014-15.

Prerequisite(s): Enrolment in Main Campus 3rd or 4th year Political Science Honors Specialization. 2 hours, 0.5 course.

PSYCHOLOGY

Effective **March 1, 2016**, the following course be revised.

Psychology 3301F/G – Clinical Psychology

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Prerequisite(s): Psychology 2820E or both Psychology 2800E and 2810, and one of Psychology 2310A/B or 2320A/B.

3 lecture/seminar hours, 0.5 course.

FACULTY OF SOCIAL SCIENCE and AFFILIATED UNIVERSITY COLLEGES**PSYCHOLOGY**

Effective **September 1, 2016**, the following course be revised at all campuses it is offered.

Psychology 2550A/B – Introduction to Personality Theory and Research

Course description: No change.

Antirequisite(s): Psychology 2050 if taken before 2016.

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FACULTY OF SCIENCE**BIOCHEMISTRY**

Effective **September 1, 2016**, the following module be revised.

HONORS SPECIALIZATION IN GENETICS AND BIOCHEMISTRY

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Note:

1. Biochemistry 3381A and 3382A requires a minimum mark of 65% in Biochemistry 2280A, and a minimum mark of ~~65%~~ 60% in each of Chemistry 2213A/B and 2223B.

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FACULTY OF SCIENCE and SCHULICH SCHOOL OF MEDICINE & DENTISTRY

Effective **September 1, 2016**, the following be revised entirely; the content retains the same meaning/requirements.

MEDICAL SCIENCES FIRST ENTRY

Students interested in the BACHELOR OF MEDICAL SCIENCES (BMSc) PROGRAM should enrol in Medical Sciences First Entry. Medical Sciences FIRST ENTRY is referred to as a Medical Sciences 1 in first year and Medical Sciences 2 in second year, and only students in Medical Sciences 1 who satisfy the requirements listed below may progress to Medical Sciences 2. Students in Medical Sciences 2 who satisfy certain conditions are assured admission to the BMSc Program in Year 3 (see ADMISSION TO THE BACHELOR OF MEDICAL SCIENCES

(BMSc) PROGRAM).

It is anticipated that not all of the spaces available in Year 3 BMSc will be filled by the students in Medical Sciences 2 who satisfy the conditions for assured admission, allowing additional students to apply for admission to Year 3 BMSc. See ADMISSION TO THE BACHELOR OF MEDICAL SCIENCES (BMSc) PROGRAM for the conditions that must be satisfied by these additional students applying from the “competitive pool” for admission to Year 3 BMSc.

Medical Sciences 1:

5.0 courses

1.0 course: Biology 1001A and 1002B.

1.0 course: Chemistry 1301A/B and 1302A/B.

0.5 course from: Calculus 1000A/B or 1500A/B.

0.5 course from: Applied Mathematics 1201A/B, Calculus 1301A/B or 1501A/B, Mathematics 1600A/B (see notes below).

0.5 course from: Physics 1028A/B, 1301A/B or 1501A/B (see notes below).

0.5 course from: Physics 1029A/B or 1302A/B or 1502A/B (see notes below).

1.0 1000-level course from: either Category A or Category B (see Breadth Requirements for Bachelor Degrees).

Notes:

1. Modules in Medical Biophysics require either Calculus 1301A/B or 1501A/B.

2. The first-year physics requirement can be taken in either Medical Sciences 1 or Medical Sciences 2, with the exception that students interested in modules in Medical Biophysics must complete the physics requirement in Medical Sciences 1.

To progress from Medical Sciences 1 to Medical Sciences 2, students must:

- Successfully complete a full load of 5.0 courses during the Fall/Winter of Medical Sciences 1;
- Achieve a mark of at least 60% in the first attempt at each of the half courses in biology, chemistry, mathematics and physics (if taken in Medical Sciences 1) listed above;
- Achieve a passing grade (mark of at least 50%) in the first-year course from either Category A or B;
- Not fail any course(s) taken during Medical Sciences First Entry (including summer sessions)

Medical Sciences 2:

Medical Sciences 2 consists of a full load of 5.0 courses comprised of the remaining courses (usually 2000-level courses) listed in the Admission Requirements for the module(s) each student plans to pursue if admitted to the BMSc Program in Year 3, as well as optional courses. The conditions that must be satisfied by students in Medical Sciences 2 for assured admission to the BMSc Program in Year 3, as well as the conditions that must be satisfied by students in the competitive pool applying for admission to Year 3 BMSc, are outlined in ADMISSION TO THE BACHELOR OF MEDICAL SCIENCES (BMSc) PROGRAM.

ADMISSION TO THE BACHELOR OF MEDICAL SCIENCES (BMSc) PROGRAM

Admission to the BACHELOR OF MEDICAL SCIENCES occurs in Year 3, usually after the successful completion of Medical Sciences 1 and 2 (see MEDICAL SCIENCES FIRST ENTRY). When applying for admission to the BMSc Program in Year 3, students also apply for admission to the various MODULES OFFERED IN THE BMSc PROGRAM. Students must be admitted to the BMSc Program in Year 3 to be eligible to progress to the BMSc Program in Year 4. Although admission to the BMSc Program in Year 3 is assured for students in Medical Sciences 2 who satisfy certain conditions, it is anticipated that space will be available for additional students. These students will comprise the “competitive pool”.

Assured Admission to Year 3 BMSc for Students in Medical Sciences 2:

For assured admission, the following conditions must be satisfied by the end of the Fall/Winter of Medical Sciences 2:

- A full load of 5.0 courses must be successfully completed (i.e., *no failures*) during the Fall/Winter of Medical Sciences 2 (September-April);
- Any course(s) taken during the summer sessions either before or after Medical Sciences 2 must be successfully completed (i.e., *no failures*);
- All courses listed in the Admission Requirements for the module to which the student applies must be completed by the end of the Fall/Winter of Medical Sciences 2. See the BMSc website for the 2000-level Admission Requirements for BMSc Double Majors;
- The specified minimum mark must be achieved *in the first attempt* at each course listed in the Admission Requirements for the module to which the student applies;
- A minimum average of 80% must be achieved on the 2000-level courses listed in the Admission Requirements for the module to which the student applies. If 3.5 or more 2000-level courses are listed in the Admission Requirements, a minimum average of 80% is required on the *best* 3.0 of these 2000-level courses.

Students in Medical Sciences 2 who satisfy the conditions for assured admission receive priority placement in Honors Specialization modules in Year 3 BMSc. The capacity of each Honors Specialization module is limited in Years 3 and 4 due to the maximum capacity in laboratory courses and research project courses. See MODULES OFFERED IN THE BMSc PROGRAM for details about admission to Honors Specialization modules, as well as to Specialization modules and Double Majors, in Years 3 and 4, and the BMSc website for additional information.

Admission to Year 3 BMSc for Students in the Competitive Pool:

For admission from the competitive pool, the following conditions must be satisfied prior to the beginning (September) of Year 3:

- Although a full load of 5.0 courses is not required in Year 2, students must be eligible to register in Year 3 (e.g. must successfully complete at least 8.0 credits);
- All courses taken during the Fall/Winter of Year 2 and during the summer after Year 2 must be successfully completed (i.e., *no failures*);
- A minimum mark of 60% must be achieved in each 1000-level half course listed in the Admission Requirements for the module to which the student applies (repeats of these 1000-level courses are permitted);
- All courses listed in the Admission Requirements for the module(s) to which the student applies must be completed prior to the beginning (September) of Year 3 with the following exception: if 3.5 or more 2000-level courses are listed in the Admission Requirements, only 3.0 of these courses (including the prerequisites, if any, for 3000-level modular courses) must be completed prior to the beginning of Year 3. See the BMSc website for the 2000-level Admission Requirements for BMSc Double Majors;
- A minimum average of 75% must be achieved on the 2000-level courses listed in the Admission Requirements for the module to which the student applies. If, however, the Admission Requirements list 3.5 or more 2000-level courses, a minimum average of 75% is required on the *best* 3.0 of these 2000-level courses. Note that an average greater than 75% may be required for admission, depending on the number of applicants from the competitive pool and the number of spaces remaining in Year 3 of the BMSc Program.

- The specified minimum mark must be achieved in each of the 2000-level courses listed in the Admission Requirements for the module(s) to which the student applies. Students may repeat a maximum of one of these 2000-level half courses and, if one of these 2000-level half courses is repeated, the average on both attempts in the course will be used in calculating the minimum average;

Students admitted to Year 3 BSc from the competitive pool are registered in their modules after students in Medical Sciences 2 who satisfied the conditions for assured admission. The capacity of each Honors Specialization module is limited in Years 3 and 4 due to the maximum capacity in laboratory courses and research project courses. See MODULES OFFERED IN THE BSc PROGRAM for details about admission to Honors Specialization modules, as well as Specialization modules and Double Majors, in Years 3 and 4, and the BSc website for more information.

ANATOMY AND CELL BIOLOGY

Effective **September 1, 2016**, the following course be revised.

Anatomy and Cell Biology 3319 – Systemic Human Anatomy

Course Description: No change.

Antirequisite(s): Anatomy and Cell Biology 2221.

Prerequisite(s): ~~Biology 2382B and~~ Registration in third or fourth year. ~~of a module offered by one of the Basic Medical Science departments or the Department of Biology.~~ **A background in introductory biology is recommended.**

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Effective **September 1, 2016**, the following module be revised.

HONORS SPECIALIZATION IN MEDICAL CELL BIOLOGY

...

The 2000-level courses below must be completed with a minimum mark of 60% in each (unless otherwise indicated) prior to admission to the Honors Specialization module in Year 3...

...

0.5 course from: Chemistry 2213A/B ~~with a mark of at least 65%~~ or Chemistry 2273A

0.5 course from: Chemistry 2223B ~~with a mark of at least 65%~~ or Chemistry 2283G

...

BIOCHEMISTRY

Effective **September 1, 2016**, Biochemistry 4485E – Clinical Biochemistry Research Project Seminar be withdrawn.

Effective **September 1, 2016**, the following courses be revised.

Biochemistry 3381A – Biological Macromolecules

Course Description: No change.

Prerequisite(s): **A minimum mark of 65% in** either Biochemistry 2280A or 2288A ~~with a mark of at least 65%;~~ **a minimum mark of 60% in** either Chemistry 2213A/B ~~with a minimum mark of 65%~~ or Chemistry 2273A ~~with a minimum mark of 60%;~~ **and a minimum mark of 60% in** either Chemistry 2223B ~~with a minimum mark of 65%~~ or Chemistry 2283G ~~with a minimum mark of 60%.~~

3 lecture hours, 1 tutorial hour, 0.5 course.

Biochemistry 3382A – Biochemical Regulation

Course Description: No change.

Prerequisite(s): **A minimum mark of 65% in** either Biochemistry 2280A or 2288A ~~with a mark of at least 65%;~~ **a minimum mark of 60% in** either Chemistry 2213A ~~with a minimum mark of 65% or Chemistry 2273A with a minimum mark of 60%;~~ **and a minimum mark of 60% in** either Chemistry 2223B ~~with a minimum mark of 65% or Chemistry 2283G with a minimum mark of 60%.~~
3 lecture hours, 1 tutorial hour, 0.5 course.

Biochemistry 3385A – Human Biochemistry

Course Description: No change.

Prerequisite(s): **A minimum mark of 70% in** either Biochemistry 2280A or 2288A ~~with a mark of at least 75%.~~
3 lecture hours, 0.5 course.

Effective **September 1, 2016**, the following modules be revised.

HONORS SPECIALIZATION IN BIOCHEMISTRY**HONORS SPECIALIZATION IN BIOCHEMISTRY AND CELL BIOLOGY****HONORS SPECIALIZATION IN BIOCHEMISTRY OF INFECTION AND IMMUNITY****HONORS SPECIALIZATION IN COMPUTATIONAL BIOCHEMISTRY****HONORS SPECIALIZATION IN MEDICAL BIOPHYSICS AND BIOCHEMISTRY**

...

The 2000-level courses below must be completed with a minimum mark of 60% in each (unless otherwise indicated) prior to admission to the Honors Specialization module in Year 3...

...

0.5 course from: Chemistry 2213A/B ~~with a mark of at least 65% or Chemistry 2273A~~

0.5 course from: Chemistry 2223B ~~with a mark of at least 65% or Chemistry 2283G~~

...

HONORS SPECIALIZATION IN BIOCHEMISTRY AND PATHOLOGY OF HUMAN DISEASE

...

The 2000-level courses below must be completed with a minimum mark of 60% in each (unless otherwise indicated) prior to admission to the Honors Specialization module in Year 3...

...

0.5 course from: Chemistry 2213A/B ~~with a mark of at least 65% or Chemistry 2273A~~

0.5 course from: Chemistry 2223B ~~with a mark of at least 65% or Chemistry 2283G~~

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Module

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1.5 courses from: Biochemistry 4483E or **Pathology 4980E** ~~Pathology and Toxicology 4980E~~
(Research Project = 1.5 courses).

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MAJOR IN BIOCHEMISTRY

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The courses below must be completed with a minimum mark of 60% in each (unless otherwise indicated) prior to admission to the Major module in Year 3...

...

0.5 course: Biochemistry 2280A **with a mark of at least 65%.**

0.5 course from: Chemistry 2213A/B with a mark of at least 65% or Chemistry 2273A.

0.5 course from: Chemistry 2223B with a mark of at least 65% or Chemistry 2283G.

...

Note: Some modular courses include a mark requirement in their prerequisite(s). See **UNDERGRADUATE COURSE INFORMATION**.

SPECIALIZATION IN BIOCHEMISTRY

...

The courses below must be completed with a minimum mark of 60% in each (unless otherwise indicated) prior to admission to the Major module in Year 3...

...

0.5 course from: Chemistry 2213A/B with a mark of at least 65% or Chemistry 2273A.

0.5 course from: Chemistry 2223B with a mark of at least 65% or Chemistry 2283G.

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MINOR IN BIOCHEMISTRY

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Note: Enrolment in Biochemistry 3381A requires a minimum mark of 65% in Biochemistry 2280A; and a minimum mark of 60% in either Chemistry 2213A/B with a minimum mark of 65% or Chemistry 2273A with a minimum mark of 60%; and a minimum mark of 60% in either Chemistry 2223B with a minimum mark of 65% or Chemistry 2283G. with a minimum mark of 60%.

INTERDISCIPLINARY MEDICAL SCIENCES (IMS)

Effective **September 1, 2016**, the following modules be revised.

HONORS SPECIALIZATION IN INTERDISCIPLINARY MEDICAL SCIENCES (IMS)

SPECIALIZATION IN INTERDISCIPLINARY MEDICAL SCIENCES (IMS)

MAJOR IN INTERDISCIPLINARY MEDICAL SCIENCES (IMS)

COMBINED BSc (INTERDISCIPLINARY MEDICAL SCIENCES)/HBA PROGRAM

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Group 2: Anatomy and Cell Biology 3319, Biochemistry 3385A, 3386A, 3390B, Epidemiology 3210B, 3315B, 3500A, **3330F/G, Microbiology and Immunology 3500B**, Pharmacology 2060A/B.

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MEDICAL SCIENCES

Effective **September 1, 2016**, the following course be introduced.

Medical Sciences 4931F/G – Selected Topics in Medical Sciences

An introduction to the basic medical sciences through a discussion and investigation of selected topics in medical sciences. Topics will focus on human diseases or conditions which are most common or result in most illness and death or burden to the health system (e.g., diabetes, obesity, cancer, neurodegenerative disease).

Antirequisite(s): Medical Sciences 4930F/G.

Prerequisite(s): Registration in Year 4 of a BSc, BSc, BSc or BSc degree, with the exception of the Honors Specialization in IMS, or permission of the instructor.

3 lecture/tutorial hours/week or equivalent online delivery, 0.5 course.

Effective **September 1, 2016**, the following course be revised.

Medical Sciences 4930F/G – Selected Topics in Medical Sciences

Course Description: No change.

Antirequisite(s): **Medical Sciences 4931F/G.**

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*Effective **September 1, 2016**, the following modules be revised.***MAJOR IN MEDICAL SCIENCES****MINOR IN MEDICAL SCIENCES**

...

Group 2: Anatomy and Cell Biology 3319, Biochemistry 3385A, 3386B, 3390B, Epidemiology 3210B, 3315B, 3500A, **3330F/G, Microbiology and Immunology 3500B**, Pharmacology 2060A/B.

...

MICROBIOLOGY AND IMMUNOLOGY*Effective **September 1, 2016**, the following course be revised.***Microbiology and Immunology 3620G – Immunology Laboratory**

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Prerequisite(s): Biochemistry 2280A with a mark of at least 65%; Biology 2581B; Chemistry 2213A/B and 2223B with marks of at least 65% **60%** in both courses; Microbiology and Immunology 2500A/B.

...

*Effective **September 1, 2016**, the following modules be revised.***HONORS SPECIALIZATION IN MICROBIOLOGY AND IMMUNOLOGY****HONORS SPECIALIZATION IN MICROBIOLOGY AND IMMUNOLOGY WITH PATHOLOGY**

...

The 2000-level courses below must be completed with a minimum mark of 60% in each (unless otherwise indicated) prior to admission to the Honors Specialization module in Year 3...

...

1.0 course: Chemistry 2213A/B and 2223B. ~~with marks of at least 65% in each.~~

...

MAJOR IN MICROBIOLOGY AND IMMUNOLOGY

...

The courses listed below must be completed with a minimum mark of 60% in each (unless otherwise indicated) prior to admission to the Major module in Year 3...

...

1.0 course: Chemistry 2213A/B and 2223B. ~~with marks of at least 65% in each.~~

...

SPECIALIZATION IN MICROBIOLOGY AND IMMUNOLOGY

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Module

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1.0 course from Anatomy and Cell Biology, Biochemistry, Biology, Epidemiology and Biostatistics,

Medical Biophysics, **Microbiology and Immunology**, Pathology, Pharmacology, or Physiology courses at the 2000- or 3000-level.

MINOR IN MICROBIOLOGY AND IMMUNOLOGY

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Module

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0.5 course from: Biochemistry 3381A, 3385A, Biology 2290F/G, 3218F/G, 3332A, 3355A/B, 3592A, 3595A, Chemistry 2223B, Epidemiology 2200A/B, Health Sciences 2000A/B, Microbiology and Immunology **3500B**, 3610F, 3620G, Pathology 3240A, Pharmacology 2060A/B, the former Epidemiology and Biostatistics 2200A/B, 3330B.

PATHOLOGY

Effective **September 1, 2016**, the following course be revised.

Pathology 4500B – Introduction to Forensic Sciences

Course Description: No change.

Prerequisite(s): Pathology 3240A and 3245B with a minimum mark of ~~75%~~ **70%** in each.

~~Restricted to students in Year 4 of Pathology and Toxicology modules. Limited spaces available to students in Year 4 of other Basic Medical Sciences and Biological Sciences modules, with permission of the course director.~~

2 lecture hours, 0.5 course.

Limited Enrolment.

PHYSIOLOGY AND PHARMACOLOGY

Effective **September 1, 2016**, Pharmacology 4630A: Principles of Toxicology be withdrawn.

Effective **September 1, 2016**, the following course be introduced.

Physiology 4510A/B – Understanding Pluripotency: The Physiology of Stem Cell Fate and Function

(Short title: Physiology of Stem Cell Function)

This course examines the basic molecular, biochemical and morphological events that regulate pluripotent stem cell biology. Students will learn about the physiology, research principles and ethical issues that surround the generation and clinical use of pluripotent stem cells.

Prerequisite(s): Physiology 3120 and 3140A.

2 lecture hours, 0.5 course.

Effective **September 1, 2016**, the following courses be revised.

Pharmacology 4320A/B – Cardiovascular Pharmacology

Course Description: No change.

Prerequisite(s): Pharmacology 3620 and ~~Pharmacology 3580Z~~; or Physiology 3120; or Pharmacology 3620 and registration in Year 4 of a module in Pathology and Toxicology; ~~or permission of the Department.~~

2 lecture hours, 0.5 course.

Pharmacology 4620A/B – Molecular Mechanisms and Structural Basis of Drug Action

~~This course is focussed on the molecular mechanisms underlying the biological effects of drugs.~~

Content includes: i) advanced drug-receptor theory, ii) theoretical models used to predict drug effects, and iii) chemical structure-activity relationships and modern receptor structure-function analyses as they relate to drug action.

This course will present mechanisms of major receptor, ion channel, exchanger and other protein actions that drive cell signalling processes in health and disease. Pharmacological interventions and drug design will be discussed in relation to dysfunctional cell signalling pathways and available protein structure information.

Prerequisite(s): Pharmacology 3620, or Biochemistry 3381A; or permission of the Department.
2 lecture hours, 0.5 course.

Physiology 4520A/B – Fundamental Concepts in Stem Cells Biology and Regenerative Medicine

Current Central concepts in regenerative medicine are explored, focusing with a focus on the pre-clinical development and clinical application of stem cell transplantation therapies. This course emphasizes the Emphasized are: fundamentals of tissue-specific (post-natal) stem cell isolation, expansion and functional characterization using xenotransplantation into immunodeficient xenotransplantation mouse models for the treatment of human hematopoietic disorders, ischemic vascular diseases, diabetes and cancer.

Prerequisite(s): Physiology 3120, 3130Z and Physiology 3140A; or Physiology 3120 (with a mark of at least 75%) and Physiology 3140A.

2 lecture hours, 0.5 course.

Physiology 4600A/B – Diseases of Ion Channels and the Nervous System

An advanced course in molecular and cellular aspects of diseases of ion channels. and the nervous system. Topics will include diseases related to structure, function and regulation of gap junctions, cystic fibrosis (CF) and the structure, function and regulation of CF chloride channels, and ion channel involvement in epilepsy, stroke and Alzheimer's disease. calcium-release activated calcium channels and ion channels involved in diseases, including epilepsy.

Prerequisite(s): Physiology 3120 and Physiology 3140A.

2 lecture hours, 4 seminar hour, 0.5 course.

Physiology 4680A/B – Cellular/Molecular Neurobiology

This is an advanced course in regulation of Cellular function and communication in the central nervous system. Topics will cover physiological mechanisms involved in of intrinsic neuronal activity, activation and regulation of glutamatergic and GABAergic synapses, synaptic plasticity, and signal transduction pathways of G-protein-coupled receptors. excitatory and inhibitory synaptic transmission, integrative neuronal activities and protein processing pathways related to neuronal signalling and degeneration in Alzheimer's disease. Specific examples relevant to neuronal functions and dysregulations will be used.

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KING'S UNIVERSITY COLLEGE

POLITICAL SCIENCE

Effective **September 1, 2016**, the following course title be revised.

Political Science 3302F/G – Immigration Policy in Canada & Multiculturalism

SOCIAL JUSTICE AND PEACE STUDIES

Effective **September 1, 2016**, the following be revised.

APPROVED LIST OF COURSES

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Centre for Global Studies ~~2004F/G, 2002F/G, 3508F/G,~~ **3509F/G**, 3512F/G, **3513F/G, 3514F/G, 3515F/G, 3517F/G, 3518F/G, 3519F/G, 3521F/G, 3522F/G, 3523F/G, 3524F/G, 3525F/G.**

Economics 2124A/B, 2125A/B, 2161F/G, ~~2174F/G.~~

Disability Studies 2201A/B, 2202A/B, 2210A/B.

English 2017, **2310E**, 2730F/G, 2735F/G, ~~3884E.~~

First Nations Studies ~~2203F/G,~~ 2218F/G.

Geography 2020A/B, 2030A/B, 2142A/B, ~~3441F/G,~~ 3442F/G, 3445F/G.

History 2125F/G, **2187**, 2201E, 2301E, 2501E, 3218E, ~~3744F/G,~~ 3802F/G, 3850F/G, 3851F/G, 4805E.

Philosophy ~~2067E, 2072F/G,~~ 2074F/G, 2080, ~~2081E, 2700F/G, 2820F/G.~~

Political Science 2225E, 2230E, 2231E, 2235E, ~~2243E,~~ 2245E, **2255F/G**, 2257, **2270E**, ~~3300E,~~ 3309E, **3311F/G, 3312F/G, 3319F/G,** 3325E, 3332F/G, ~~3345E,~~ 3357E, ~~3362E,~~ 3365F/G,

3369F/G, 3400F/G, ~~4424F/G~~ **4421F/G, 4439F/G,** or the former **3300E, 3345E**

Psychology 2012F/G, **3710F/G,** 3725F/G, **4303F/G.**

Religious Studies 2132, 2166A/B, 2203F/G, 2204F/G, 2281F/G, **2506F/G,** 3451F/G, 3452F/G, **3453F/G.**

Sociology 2140, 2143E, 2145A/B, 2220A/B-2221A/B, 2239, 2256A/B, 2260A/B, ~~2264F/G,~~ 2266A/B, 2267A/B, 3305F/G, 3318F/G, 3338E, 3339F/G, 3340F/G, 3341F/G, ~~3347F/G,~~ 3371F/G, 3377F/G.

Social Justice and Peace Studies 2190, 2195A/B-2199A/B, 2270A/B-2279A/B, 3360F/G, 3361F/G, 3370F/G-3378F/G, 3380F/G, 3381F/G, 3396F/G-3399F/G, 4401F/G, 4402F/G, 4403E, 4496F/G-4499F/G, ~~the former 3341F/G.~~

Social Work **3308F/G, 3318A/B, 3319A/B, 3344A/B, 4414F/G,** 4481A/B.

Thanatology 3322A/B.

Approved List courses may only be counted once towards module requirements.

HONORS SPECIALIZATION IN SOCIAL JUSTICE AND PEACE STUDIES

Enrolment in this module is limited. Meeting the minimum requirements does not guarantee that students wishing to transfer into this module will be offered enrolment.

Admission Requirements

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1.0 course from: Childhood and Social Institutions 1025F/G, the former 1020; **Disability Studies 1010A/B,** Economics 1021A/B, 1022A/B, 1020; First Nations Studies 1020E; Geography 1100, 1500F/G, 1400F/G; History 1401E, ~~4403E,~~ **1404E, or the former 1403E, History** 1601E, 1801E, **1812F/G, 1813F/G, 1814F/G,** 1901E; Philosophy 1150E, 1300E, 1360E, 1901E; Political Science 1020E; Psychology 1000, **1000W/X;** Religious Studies 1022A/B, 1023E, 1027E; Social Work 1021A/B, 1022A/B, the former 1020; Sociology 1020, **1020W/X,** 1021E; or Women's Studies 1020E.

1.0 additional course.

Module

9.0 courses

1.5 course(s) from: Social Justice and Peace Studies 2301A/B, 2302A/B, 2303A/B.

4-5 **0.5** courses: Interdisciplinary Studies 2240F/G, ~~2252F/G,~~ ~~Social Justice and Peace Studies~~

~~2201F/G/Z.~~

0.5 course(s): from: First Nations Studies 2218F/G, Social Justice and Peace Studies 2270A/B-2271A/B.

0.5 course(s): Social Justice and Peace Studies 3201A/B/Y, or the former 2201F/G/Z.

~~1.0 course(s) from: Social Justice and Peace Studies 2190, 2195A/B-2199A/B, 2270A/B-2271A/B.~~

1.0 **2.0** course(s) from: History 3802F/G, Religious Studies 3451F/G, 3452F/G; Social Justice and Peace Studies 3210F/G, 3211F/G, 3360F/G, 3361F/G-, 3374F/G-3378F/G, 3380F/G, 3381F/G, 3382F/G.

~~1.0 course(s) from: History 3850F/G, 3851F/G; Political Science 3300E; Social Justice and Peace Studies 3380F/G, 3381F/G; Social Work 4481A/B.~~

1.0 course(s) from: Interdisciplinary Studies 2252F/G, Social Justice and Peace Studies 3373F/G, Childhood and Social Institutions 3311F/G, Economics 3313E, Psychology 2840F/G, Sociology 2206A/B, Social Work 2206A/B.

1.0 course(s) from: Social Justice and Peace Studies 4401F/G, 4402F/G, 4403E.

~~3.5~~ **2.0** course(s) from: the Social Justice and Peace Studies Approved List, at least 1.0 of which must be at the 3000-level or above.

Note: ~~Students will be able to complete both Social Justice and Peace Studies 4401F/G, 4402F/G and 4403E for their Social Justice and Peace Studies Honors Specialization, if they so choose—1.0 to satisfy the specific module requirement, and 1.0 for an Approved List requirement.~~

MAJOR IN SOCIAL JUSTICE AND PEACE STUDIES

Admission Requirements

...

1.0 course from: Childhood and Social Institutions 1025F/G, the former 1020; Disability Studies 1010A/B; Economics 1021A/B, 1022A/B, 1020; First Nations Studies 1020E; Geography 1100, 1500F/G, 1400F/G; History 1401E, 4403E, 1404E, or the former 1403E, History 1601E, 1801E, 1812F/G, 1813F/G, 1814F/G, 1901E; Philosophy 1150E, 1300E, 1360E, 1901E; Political Science 1020E; Psychology 1000, 1000W/X; Religious Studies 1022A/B, 1023E, 1027E; Social Work 1021A/B, 1022A/B, the former 1020; Sociology 1020, 1020W/X, 1021E; or Women's Studies 1020E.

Module

6.0 courses

1.5 course(s) from: Social Justice and Peace Studies 2301A/B, 2302A/B, 2303A/B.

~~1.0 0.5~~ courses from: Interdisciplinary Studies 2240F/G, 2252F/G, Social Justice and Peace Studies 2201F/G/Z.

0.5 course(s) from: First Nations 2218F/G, Social Justice and Peace Studies 2270A/B-2271A/B.

0.5 course(s): Social Justice and Peace Studies 3201A/B/Y, or the former 2201F/G/Z.

~~1.0 course(s) from: Social Justice and Peace Studies 2190, 2195A/B-2199A/B, 2270A/B-2279A/B.~~

0.5 **1.5** from: History 3802F/G, Religious Studies 3451F/G, 3452F/G, Social Justice and Peace Studies 3210F/G, 3211F/G, 3360F/G, 3361F/G-, 3373F/G-3378F/G, 3380F/G, 3381F/G, 3382F/G.

~~0.5 course from: History 3850F/G, 3851F/G; Political Science 3300E; Social Justice and Peace Studies 3380F/G, 3381F/G; Social Work 4481A/B.~~

1.0 course(s) from: Social Justice and Peace Studies 4401F/G, 4402F/G, 4403E.

4.5 **0.5** course from the Social Justice and Peace Studies Approved List.

~~Note: Students will be able to complete both Social Justice and Peace Studies 4401F/G, 4402F/G and 4403E for their Social Justice and Peace Studies Major, if they so choose — 1.0 to satisfy the specific module requirement, and 1.0 for an Approved List requirement.~~

SPECIALIZATION IN SOCIAL JUSTICE AND PEACE STUDIES

Admission Requirements

...

1.0 course from: Childhood and Social Institutions 1025F/G, the former 1020; **Disability Studies 1010A/B**; Economics 1021A/B, 1022A/B, 1020; First Nations Studies 1020E; Geography 1100, 1500F/G, 1400F/G; History 1401E, 4403E, **1404E, or the former 1403E, History 1601E, 1801E, 1812F/G, 1813F/G, 1814F/G**, 1901E; Philosophy 1150E, 1300E, 1360E, 1901E; Political Science 1020E; Psychology 1000, **1000W/X**; Religious Studies 1022A/B, 1023E, 1027E; Social Work 1021A/B, 1022A/B, the former 1020; Sociology 1020, **1020W/X**, 1021E; or Women's Studies 1020E.

Module

9.0 courses

1.5 course(s) from: Social Justice and Peace Studies 2301A/B, 2302A/B, 2303A/B.

~~1.5~~ **0.5** courses from: Interdisciplinary Studies 2240F/G, ~~2252F/G, Social Justice and Peace Studies 2201F/G/Z.~~

0.5 course(s) from: First Nations Studies 2218F/G; Social Justice and Peace Studies 2270A/B-2271A/B.

0.5 course(s) from: Social Justice and Peace Studies 3201A/B/Y, or the former 2201F/G/Z.

~~1.0 course(s) from: Social Justice and Peace Studies 2190, 2195A/B-2199A/B, 2270A/B-2279A/B.~~

~~1.0~~ **2.0** course(s) from: ~~History 3802F/G, Religious Studies 3451F/G, 3452F/G, Social Justice and Peace Studies 3210F/G, 3211F/G, 3360F/G, 3361F/G, 3373F/G-3378F/G, 3380F/G, 3381F/G, 3382F/G.~~

~~1.0 course(s) from: History 3850F/G, 3851F/G; Political Science 3300E; Social Justice and Peace Studies 3380F/G, 3381F/G; Social Work 4481A/B.~~

1.0 course(s) from: Social Justice and Peace Studies 4401F/G, 4402F/G, 4403E.

~~3.5~~ **3.0** courses from: the Social Justice and Peace Studies Approved List, at least 1.0 of which must be at the 3000-level or above.

~~Note: Students will be able to complete both Social Justice and Peace Studies 4401F/G, 4402F/G and 4403E for their Social Justice and Peace Studies Specialization, if they so choose — 1.0 to satisfy the specific module requirement, and 1.0 for an Approved List requirement.~~

MINOR IN SOCIAL JUSTICE AND PEACE STUDIES

Admission Requirements

...

1.0 course from: Childhood and Social Institutions 1025F/G, the former 1020; **Disability Studies 1010A/B**; Economics 1021A/B, 1022A/B, 1020; First Nations Studies 1020E; Geography 1100, 1500F/G, 1400F/G; History 1401E, 4403E, **1404E, or the former 1403E, History 1601E, 1801E, 1812F/G, 1813F/G, 1814F/G**, 1901E; Philosophy 1150E, 1300E, 1360E, 1901E; Political Science 1020E; Psychology 1000, **1000W/X**; Religious Studies 1022A/B, 1023E, 1027E; Social Work 1021A/B, 1022A/B, the former 1020; Sociology 1020, **1020W/X**, 1021E; or Women's Studies 1020E.

Module

4.0 courses

~~1.0 course(s) from: Social Justice and Peace Studies 2190, 2195A/B-2199A/B, 2270A/B-~~

~~2279A/B.~~

~~2.0 course(s) from: Interdisciplinary Studies 2240F/G; Social Justice and Peace Studies 2301A/B, 2302A/B, 2303A/B.~~

~~0.5 2.0 course(s) from: History 3802F/G, First Nations Studies 2218F/G, Religious Studies 3451F/G, 3452F/G, Social Justice and Peace Studies 2270A/B-2271A/B, 3201A/B/Y, or the former 2201F/G/Z, Social Justice and Peace Studies 3210F/G, 3211F/G, 3360F/G, 3361F/G, 3373F/G-3378F/G, 3380F/G, 3381F/G, 3382F/G.~~

~~0.5 course from: History 3850F/G, 3851F/G; Political Science 3300E; Social Justice and Peace Studies 3380F/G, 3381F/G; Social Work 4481A/B.~~

~~2.0 courses from the Social Justice and Peace Studies Approved List.~~

DAP UPDATE: MINOR CHANGES

SCHULICH SCHOOL OF MEDICINE & DENTISTRY

*Effective **September 1, 2016**, the following course title be revised.*

Medicine 5116 – Foundations of Infection & Immunity