

The following proposals, received on DAP between February 1-15, 2017, have been approved. For more information on the DAP process, [see the Secretariat's website](#).

FACULTY OF ARTS & HUMANITIES

ENGLISH AND WRITING STUDIES

Effective **September 1, 2017**, the following courses be revised.

Writing 2202F/G - Winning Your Argument: Rhetorical Strategy in a Visual Age
Writing 2204F/G - Short Flicks: An Introduction to Screenwriting
Writing 2208F/G - Teaching Writing
Writing 2209F/G - Visual Information Packaging: Document Design
Writing 2210F/G - GrammarPhobia Demystified: Contemporary Grammar for Writers
Writing 2211F/G - The Naked Writer: Fundamentals of Creative Writing
Writing 2213F/G - LOL: Humour Writing
Writing 2214F/G - Memoir, Memories, and Disclosure: Writing Creative Non-Fiction
Writing 2291F/G - Special Topics in Writing
Writing 2292F/G - Special Topics in Writing
Writing 2293F/G - Special Topics in Writing
Writing 2294F/G - Special Topics in Writing
Writing 2295F/G - Special Topics in Writing
Writing 2296F/G - Special Topics in Writing
Writing 2297F/G - Special Topics in Writing
Writing 2298F/G - Special Topics in Writing
Writing 3900F/G - Special Topics in Writing Studies
Writing 3901F/G - Special Topics in Writing Studies
Writing 3902F/G - Special Topics in Writing Studies
Writing 3903F/G - Special Topics in Writing Studies

Prerequisite(s): At least 65% in one of Writing 2101F/G, **Writing 2125F/G (or the former Writing 2121F/G)**, Writing 2111F/G, **Writing 2130F/G** or Writing 2131F/G; or at least 70% in one of Writing 1000F/G, Writing 1030F/G, or Writing 1031F/G; or permission of the Department (consult the Undergraduate Program Director, Writing).

Writing 2203F/G - From Headline to Deadline: Writing for Publication

Antirequisite(s): MIT 3829F/G; MIT 3870G if taken in 2009-10, 2010-11, or 2011-2012.

Prerequisite(s): At least 65% in one of Writing 2101F/G, **Writing 2125F/G (or the former Writing 2121F/G)**, Writing 2111F/G, **Writing 2130F/G** or Writing 2131F/G; or at least 70% in one of Writing 1000F/G, Writing 1030F/G, or Writing 1031F/G; or permission of the Department (consult the Undergraduate Program Director, Writing).

Writing 2215F/G - Encoding Persuasion: Rhetorical Theory

Antirequisite(s): Writing 2292F (2008-2009).

Prerequisite(s): At least 65% in one of Writing 2101F/G, **Writing 2125F/G (or the former Writing 2121F/G)**, Writing 2111F/G, **Writing 2130F/G** or Writing 2131F/G; or at least 70% in one of Writing 1000F/G, Writing 1030F/G, or Writing 1031F/G; or permission of the Department (consult the Undergraduate Program Director, Writing).

Writing 2218F/G - To Make a Long Story Short: Introduction to Writing Short Fiction

Antirequisite(s): Writing 2295F/G (2009 – 2010; 2008 – 2009).

Prerequisite(s): At least 65% in one of Writing 2101F/G, **Writing 2125F/G (or the former Writing 2121F/G)**, Writing 2111F/G, **Writing 2130F/G** or Writing 2131F/G; or at least 70% in one of

Writing 1000F/G, Writing 1030F/G, or Writing 1031F/G; or permission of the Department (consult the Undergraduate Program Director, Writing).

Writing 2219F/G - Word Travels: Introduction to Travel Writing

Antirequisite(s): Writing 2296F/G (2008-2009, 2009 - 2010).

Prerequisite(s): At least 65% in one of Writing 2101F/G, Writing 2125F/G (or the former Writing 2121F/G), Writing 2111F/G, Writing 2130F/G or Writing 2131F/G; or at least 70% in one of Writing 1000F/G, Writing 1030F/G, or Writing 1031F/G; or permission of the Department (consult the Undergraduate Program Director, Writing).

Writing 2220F/G - Renewing Your Poetic License: Introduction to Writing Poetry

Antirequisite(s): Writing 2292F/G (2009 -2010).

Prerequisite(s): At least 65% in one of Writing 2101F/G, Writing 2125F/G (or the former Writing 2121F/G), Writing 2111F/G, Writing 2130F/G or Writing 2131F/G; or at least 70% in one of Writing 1000F/G, Writing 1030F/G, or Writing 1031F/G; or permission of the Department (consult the Undergraduate Program Director, Writing).

Writing 2222F/G - Food Writing

Antirequisite(s): Writing 2295G (2008-2009, 2009-2010, 2010-2011).

Prerequisite(s): At least 65% in one of Writing 2101F/G, Writing 2125F/G (or the former Writing 2121F/G), Writing 2111F/G, Writing 2130F/G or Writing 2131F/G; or at least 70% in one of Writing 1000F/G, Writing 1030F/G, or Writing 1031F/G; or permission of the Department (consult the Undergraduate Program Director, Writing).

Writing 2223F/G - Fashion Writing: Elements of Style

Antirequisite(s): Writing 2293G 2010 – 2012; Writing 2293F 2012 – 2013.

Prerequisite(s): At least 65% in one of Writing 2101F/G, Writing 2125F/G (or the former Writing 2121F/G), Writing 2111F/G, Writing 2130F/G or Writing 2131F/G; or at least 70% in one of Writing 1000F/G, Writing 1030F/G, or Writing 1031F/G; or permission of the Department (consult the Undergraduate Program Director, Writing).

Writing 2224F/G - Writing for the Big Screen: Introduction to Feature Film Writing

Antirequisite(s): Writing 2292G 2009 – 2013.

Prerequisite(s): At least 65% in one of Writing 2101F/G, Writing 2125F/G (or the former Writing 2121F/G), Writing 2111F/G, Writing 2130F/G or Writing 2131F/G; or at least 70% in one of Writing 1000F/G, Writing 1030F/G, or Writing 1031F/G; or permission of the Department (consult the Undergraduate Program Director, Writing).

Writing 2225F/G - The Inside Track: Sport Writing

Antirequisite(s): Writing 2296G 2010 – 2012; Writing 2296F 2012 – 2013.

Prerequisite(s): At least 65% in one of Writing 2101F/G, Writing 2125F/G (or the former Writing 2121F/G), Writing 2111F/G, Writing 2130F/G or Writing 2131F/G; or at least 70% in one of Writing 1000F/G, Writing 1030F/G, or Writing 1031F/G; or permission of the Department (consult the Undergraduate Program Director, Writing).

Writing 2226F/G - Out of the Book: Contemporary Experimental Writing Practices

Antirequisite(s): Writing 2295G if taken in 2012-2013 or 2013-2014.

Prerequisite(s): At least 65% in one of Writing 2101F/G, Writing 2125F/G (or the former Writing 2121F/G), Writing 2111F/G, Writing 2130F/G or Writing 2131F/G; or at least 70% in one of Writing 1000F/G, Writing 1030F/G, or Writing 1031F/G; or permission of the Department (consult the Undergraduate Program Director, Writing).

Writing 2227F/G - Crime Writing: Black Dahlias, Red Herrings and Tequila Sunrises

Antirequisite(s): Writing 2291F if taken in 2013-2014.

Prerequisite(s): At least 65% in one of Writing 2101F/G, Writing 2125F/G (or the former Writing 2121F/G), Writing 2111F/G, Writing 2130F/G or Writing 2131F/G; or at least 70% in one of

Writing 1000F/G, Writing 1030F/G, or Writing 1031F/G; or permission of the Department (consult the Undergraduate Program Director, Writing).

Writing 3220F/G - Outside the Envelope: Advanced Professional Communication

Antirequisite(s): Writing 2292G if taken in 2013-14

Prerequisite(s): At least 70% in one of Writing 1030F/G or Writing 1031F/G, or 65% in one of Writing 2111F/G, Writing 2130F/G or Writing 2131F/G, or permission of the Department (consult the Undergraduate Program Director, Writing).

Writing 3221F/G - Crime Scene to Courtroom: Forensic Writing

Antirequisite(s): Writing 2297G if taken in 2014-15 or 2013-14.

Prerequisite(s): At least 65% in one of Writing 2101F/G, Writing 2125F/G (or the former 2121F/G), Writing 2111F/G, Writing 2130F/G or Writing 2131F/G; or at least 70% in one of Writing 1000F/G, Writing 1030F/G, or Writing 1031F/G; or permission of the Department (consult the Undergraduate Program Director, Writing).

Writing 3222F/G - Pathology to Pathography: Advanced Healthcare Communication

Prerequisite(s): At least 65% in one of Writing 2111F/G or Writing 2131F/G; or at least 70% in one of Writing 1030F/G or Writing 1031F/G; or permission of the Department (consult the Undergraduate Program Director, Writing).

Writing 3223F/G - Hot Type: Technical Writing

Antirequisite(s): The former Writing 2205F/G.

Prerequisite(s): At least 65% in one of Writing 2101F/G, Writing 2125F/G (or the former Writing 2121F/G), Writing 2111F/G, Writing 2130F/G or Writing 2131F/G; or at least 70% in one of Writing 1000F/G, Writing 1030F/G, or Writing 1031F/G; or permission of the Department (consult the Undergraduate Program Director, Writing).

Writing 3224F/G - Minding Your Ps and Qs: Technical Editing

Antirequisite(s): The former Writing 2206F/G.

Prerequisite(s): At least 65% in one of Writing 2101F/G, Writing 2125F/G (or the former Writing 2121F/G), Writing 2111F/G, Writing 2130F/G or Writing 2131F/G; or at least 70% in one of Writing 1000F/G, Writing 1030F/G, or Writing 1031F/G; or permission of the Department (consult the Undergraduate Program Director, Writing).

Writing 3225F/G - My Name is url: Writing for the Web

Antirequisite(s): The former Writing 2207F/G.

Prerequisite(s): At least 65% in one of Writing 2101F/G, Writing 2125F/G (or the former Writing 2121F/G), Writing 2111F/G, Writing 2130F/G or Writing 2131F/G; or at least 70% in one of Writing 1000F/G, Writing 1030F/G, or Writing 1031F/G; or permission of the Department (consult the Undergraduate Program Director, Writing).

Writing 3226F/G - Figures of Speech: Writing for Oral Presentation

Antirequisite(s): The former Writing 2212F/G.

Prerequisite(s): At least 65% in one of Writing 2101F/G, Writing 2125F/G (or the former Writing 2121F/G), Writing 2111F/G, Writing 2130F/G or Writing 2131F/G; or at least 70% in one of Writing 1000F/G, Writing 1030F/G, or Writing 1031F/G; or permission of the Department (consult the Undergraduate Program Director, Writing).

Writing 3229F/G - Self and the Rhetorical Triangle: an Introduction to Interpersonal Communication

Antirequisite(s): The former Writing 2221F/G; Writing 2291F/G (2008-2009).

Prerequisite(s): Speech 2001 and at least 65% in one of Writing 2101F/G, Writing 2125F/G (or the former Writing 2121F/G), Writing 2111F/G, Writing 2130F/G, or Writing 2131F/G; or at least 70% in one of Writing 1000F/G, Writing 1030F/G, or Writing 1031F/G; or permission of the Department (consult the Undergraduate Program Director, Writing).

RICHARD IVEY SCHOOL OF BUSINESS

Effective **September 1, 2017**, the following course be withdrawn.

Business Administration 4578Q/R/S/T - End User Database Management

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

Business Administration 4600A/B - End User Database Management

The aim of this course is to provide a hands-on introduction to database design and use, specifically tailored to potential users of database systems. This course would be useful to a wide range of graduates including those who will work in consulting, business analysis, and new ventures.

3.0 hours, 0.5 course

FACULTY OF ENGINEERING**ENGINEERING SCIENCE**

Effective **September 1, 2017**, the following course be withdrawn.

Engineering Science 2211F/G - Engineering Communications**FACULTY OF SCIENCE and SCHULICH SCHOOL OF MEDICINE & DENTISTRY**

Effective **September 1, 2017**, the **WEIGHTED AVERAGE CHART** on the **MODULES OFFERED IN THE BMSc PROGRAM** page be revised.

Specialization Module	Modular courses responsible for 1/3 of the Weighted Average	Modular courses responsible for 2/3 of the Weighted Average
Medical Biophysics (Medical Sciences Concentration)	3.0 courses: Biochemistry 2280A; Chemistry 2213A/B; Physics 2101A/B and 2102A/B or Physiology 2130 or 3120; Biology 2244A/B or Statistical Sciences 2244A/B; Computer Science 2035A/B.	3.5 courses: Medical Biophysics 3330F/G, 3501FA, 3503G, 3505F, 3507G, 3645A/B and 3970Z.
Medical Biophysics (Clinical Physics Concentration)	2.5 courses: Calculus 2302A/B or 2502A/B; Calculus 2303A/B or 2503A/B; Physics 2101A/B, 2102A/B and 2110A/B.	3.0 courses: Medical Biophysics 3330F/G, 3501FA, 3503G, 3505F, 3507G, 3970Z
Medical Biophysics and Biochemistry	3.5 courses: Biochemistry 2280A; Biology 2581B; Biology 2244A/B or Statistical Sciences 2244A/B; Chemistry 2213A/B or 2273A; Chemistry 2223B or Chemistry 2283G; Computer Science 2035A/B; Medical Biophysics 2582B.	2.5 courses: Biochemistry 3381A, 3382A; Medical Biophysics 3501FA, 3507G; Biochemistry 3380G or Medical Biophysics 3970Z.

ANATOMY AND CELL BIOLOGY

Effective **September 1, 2017**, the following course be revised.

Anatomy and Cell Biology 4461B - Translational Models of Cancer

Prerequisite(s): Either Anatomy and Cell Biology 3309 or Pathology 3500, or the former Pathology 3240A.

Extra Information: 1 lecture hour, 2 3 lecture/tutorial hours per week, 0.5 course.

BIOCHEMISTRY

Effective **September 1, 2017**, the following course be revised.

Biochemistry 2280A - Biochemistry and Molecular Biology

Prerequisite(s): Biochemistry 2288A.

Prerequisite(s): Either Biology 1001A or 1201A and either Biology 1002B or 1202B; Chemistry 1301A/B and 1302A/B, or the former Chemistry 1100A/B and 1200B. Integrated Science 1001X can be used as a prerequisite in place of Biology 1002B and Chemistry 1302A/B.

ENVIRONMENTAL SCIENCE

Effective **September 1, 2017**, the following course be revised.

Environmental Science 1021F/G - Environmental Issues Science and Sustainability

The An overview of the science underlying key environmental issues including (e.g. climate change, waste management, endangered species and spaces, air and water quality, and ecosystem health, is presented and discussed from a variety of perspectives loss of biodiversity and ecosystem function, air and water pollution, and resource use) and how each issue impacts environmental sustainability from the local to global scale.

Effective **September 1, 2017**, the following modules be revised.

HONORS SPECIALIZATION IN ENVIRONMENTAL SCIENCE

Module

9.0 courses:

0.5 course: Biology 2483A/B.

0.5 course: Chemistry 2210A/B.

1.0 course: Environmental Science 3300F/G, Environmental Science 3350F/G.

0.5 course: from: Biology 2244A/B, or Statistical Sciences 2244A/B. Students may substitute ~~Statistical Sciences 2035, 2144A/B or 2143A/B~~ or Psychology 2810 for this 0.5 course. (Module will be 4.5 courses if Psychology 2810 or ~~Statistical Sciences 2035~~ are taken), and if so, the module will be 9.5 courses.

0.5 course: Geography 2220A/B (strongly recommended) or a Geography half-course from the Environmental Science Course List.

0.5 course at the 2000-level from Earth Sciences courses in the Environmental Physical Sciences Subject Courses List.

1.5 course: Environmental Science 4999E.

0.5 course from: Environmental Science 4949F/G, Environmental Science 4970F/G, Biology 4230A/B, 4243G, Biology 4405F/G, the former 4932F/G, Biology 4410F/G, Biology 4412F/G, Earth Sciences 4431A/B, Earth Sciences 4440A/B.

2.5 additional courses from the Environmental Science Course List, including at least 0.5

course from each of the 3 subject areas.

1.0 additional course at the 3000 level or above from the Environmental Science Course List.

Note: Students should plan the modules taking into account prerequisites of senior courses.

HONORS SPECIALIZATION IN INTEGRATED SCIENCE WITH ENVIRONMENTAL SCIENCE

Module

13.0 courses

2.5 courses: Integrated Science 2001F, Integrated Science 2002B, Integrated Science 3001F/G, Integrated Science 3002A/B, Integrated Science 4001A/B.

0.5 course from: Philosophy 2033A/B, Philosophy 2035F/G, Philosophy 2078F/G, Philosophy 2370F/G.

0.5 course: Science 3377A/B.

1.5 course: Integrated Science 4999E.

0.5 course: Biology 2483A/B.

0.5 course: Chemistry 2210A/B.

1.0 course: Environmental Science 3300F/G, Environmental Science 3350F/G.

0.5 course from: Biology 2244A/B or Statistical Sciences 2244A/B.

0.5 course: Geography 2220A/B (strongly recommended) or a Geography half-course from the Environmental Science Course List.

0.5 course at the 2000-level from Earth Sciences courses in the Environmental Physical Science Courses List.

0.5 course from: Environmental Science 4949F/G, Biology 4230A/B, ~~4243G~~, Biology 4405F/G, the former ~~4932F/G~~, **Biology 4410F/G, Biology 4412F/G**, Earth Sciences 4431A/B, **Earth Sciences 4440A/B**.

2.5 additional courses from Environmental Science 4970F/G or the Environmental Science Course List, including at least 0.5 course from each of the 3 subject areas.

1.5 additional courses at the 3000 level or above from the Environmental Science Course List.

MAJOR IN ENVIRONMENTAL SCIENCE

Module

6.0 courses:

0.5 course: Biology 2483A/B.

0.5 course: Chemistry 2210A/B.

1.0 course: Environmental Science 3300F/G, Environmental Science 3350F/G.

0.5 course: ~~from: Biology 2244A/B, or Statistical Sciences 2244A/B. Students may substitute Statistical Sciences 2035, 2141A/B or 2143A/B or Psychology 2810 for this 0.5 course. (Module will be 4.5 courses if Psychology 2810 or Statistical Sciences 2035 are taken), and if so, the module will be 6.5 courses.~~

0.5 course: Geography 2220A/B (strongly recommended) or a Geography half-course from the Environmental Science Course List

0.5 course at the 2000-level from Earth Sciences courses in the Environmental Physical Science Courses List.

2.5 additional courses from Environmental Science 4970F/G or the Environmental Science Course List, including at least 0.5 course from each of the 3 subject areas.

Note: Students should plan the modules taking into account prerequisites of senior courses.

SPECIALIZATION IN ENVIRONMENTAL SCIENCE

Module

9.0 courses:

0.5 course: Biology 2483A/B.

0.5 course: Chemistry 2210A/B.

1.0 course: Environmental Science 3300F/G, Environmental Science 3350F/G.

0.5 course: ~~from:~~ Biology 2244A/B, **or** Statistical Sciences 2244A/B. Students may substitute ~~Statistical Sciences 2035, 2141A/B or 2143A/B~~ or Psychology 2810 for this 0.5 course. ~~(Module will be 4.5 courses if Psychology 2810 or Statistical Sciences 2035 are taken),~~ **and if so, the module will be 9.5 courses.**

0.5 course: Geography 2220A/B (strongly recommended) or a Geography half-course from the Environmental Science Course List.

0.5 course at the 2000-level from Earth Sciences courses in the Environmental Physical Science Courses List.

0.5 course from: Environmental Science 4949F/G, Environmental Science 4970F/G, Biology 4230A/B, ~~4243G~~, Biology 4405F/G, ~~the former 4932F/G~~, **Biology 4410F/G, Biology 4412F/G**, Earth Sciences 4431A/B, **Earth Sciences 4440A/B**.

2.5 additional courses from the Environmental Science Course List, including at least 0.5 course from each of the 3 subject areas.

2.5 additional courses at the 3000 level or above from: Environmental Science 4970F/G or the Environmental Science Course List.

Note: Students should plan the modules taking into account prerequisites of senior courses.

MINOR IN ENVIRONMENTAL SCIENCE**Module**

4.0 courses

0.5 course: Biology 2483A/B.**0.5 course:** Chemistry 2210A/B.**1.0 course:** Environmental Science 3300F/G, Environmental Science 3350F/G.

0.5 course: ~~from:~~ Biology 2244A/B, **or** Statistical Sciences 2244A/B. Students may substitute ~~Statistical Sciences 2035, 2141A/B or 2143A/B~~ or Psychology 2810 for this 0.5 course. ~~(Module will be 4.5 courses if Psychology 2810 or Statistical Sciences 2035 are taken),~~ **and if so, the module will be 4.5 courses.**

0.5 course: Geography 2220A/B (strongly recommended) or a Geography half-course from the Environmental Science Course List.

0.5 course at the 2000-level from Earth Sciences courses in the Environmental Physical Science Courses List.

0.5 additional course from the Environmental Science Course List.

*Effective **September 1, 2017**, the ENVIRONMENTAL SCIENCE COURSE LIST be revised as follows.*

Environmental Life Science Courses

Anthropology 2264F/G, 2265F/G, 3334F/G;

Biology 2217B, 2290F/G, 2404A, 2471A/B, 2485B, 3220Z, 3229F/G, **3403A**, 3404F/G, 3435F/G, 3436F/G, 3440A/B, 3442F/G, 3445F, 3446B, 3475A/B, 3484A/B, 3603A/B, 4223F/G, 4230A/B, 4243G, 4257Z, 4258Z, 4259F/G, 4405F/G, **4410F/G, 4412F/G, 4420A/B**, 4436F/G, 4441F/G, 4608G, **4944F/G**, the former **2404A**, 2484A, 2486A, 3421F;

Earth Sciences 2265A/B, 3369A/B;

Geography 2131A/B, 2320A/B, ~~3321A/B~~, 3321A/B, 3343A/B, **the former 3321A/B**;

Pathology **3500 or the former** 3240A, 3245B;

The former Pharmacology **3560A/B**;

Microbiology and Immunology 3100A, **3500B**, the former 2100A;

Or a course approved for this category by an Environmental Science counsellor.

Environmental Physical Science Courses

Astronomy 2201A/B, 2232F/G;

Chemical and Biochemical Engineering 4409A/B ~~or the former 3363A/B~~;

Chemistry 2213A/B, 2272F, 3372F/G;

Civil and Environmental Engineering 3328A/B, 3362A/B, 4405A/B, 4465A/B, 4477A/B;

Earth Sciences ~~2001F/G~~, 2200A/B, 2220A/B, 2222A/B, 2230A/B, **2232F/G**, 2240F/G, 3001A/B, 3320A/B, 3321A/B, 3340A/B, 3341A/B, 4431A/B, 4440A/B, **the former 2001F/G**;

Geography ~~2122A/B~~, 2133A/B, 2220A/B, 2230A/B, 2240A/B, 2310A/B, 2330A/B, 3210A/B, 3211A/B, 3221A/B, 3222A/B, 3223A/B, 3231A/B, 3260A/B, 3311A/B, 3312A/B, ~~3331A/B~~, 3333A/B, 3334A/B, 3341A/B, 3342A/B, 3350A/B, ~~3351A/B~~, 3352A/B, **the former 2122A/B, 3331A/B, 3351A/B**;

Medical Biophysics 3336F/G;

Physics 2070A/B, the former ~~Physics 2700A/B~~;

Or a course approved for this category by an Environmental Science counsellor.

Environmental Philosophy, Policy and Political Science Courses

Anthropology 2203F/G, ~~3336F/G~~, **2262F/G**, 3369F/G;

Economics **2170A/B**, 2172A/B, ~~or~~ 3374A/B;

~~Economics 2170A/B (Huron)~~;

First Nations Studies 2111E, 2132F/G, 2203F/G, 2218F/G, 2253F/G, 2601F/G, 3140F/G, 3722F/G;

Geography All courses in the 2010-2090 series, the 2151-2162 series, and the 2410-2460 series, Geography 3250A/B, 3432A/B, 3441F/G, 3445F/G, ~~3451A/B~~, 3453F/G, ~~3459A/B~~, 4430A/B, the former **3451A/B, 3452A/B, 3459A/B, 4430A/B**;

History 2123 (~~Brescia~~, additional antirequisite, the former History 3225F/G), History 2211E, 3217E, 3407F/G, 4705E, the former History 3225F/G (additional antirequisite, History 2123);

Political Science 2137, 2235E; ~~Political Science~~, 3379E (~~Huron~~);

Philosophy 2033A/B, 2035F/G, **2355F/G**;

Sociology 2151A/B, the former 2103F/G, 2104F/G, 2107A/B;

Or a course approved for this category by an Environmental Science counsellor.

EPIDEMIOLOGY AND BIOSTATISTICS

Effective **September 1, 2017**, the following module be revised.

MAJOR IN EPIDEMIOLOGY AND BIOSTATISTICS

Module

6.0 courses:

0.5 course: Biochemistry 2280A.

0.5 course from: Biology 2382A/B, Biology 2581B.

0.5 course from: Biology 2244A/B or Statistical Sciences 2244A/B, with a minimum mark of 75%.

0.5 course: Epidemiology 2200A/B with a minimum mark of 75%.

1.0 course: Biostatistics 3100A, Biostatistics 3110B.

1.0 course: Epidemiology 3200A, Epidemiology 3210B.

1.0 course from: Biostatistics 4115B, Epidemiology 4310A, Epidemiology 4320A, Epidemiology 4600A, Epidemiology 4615B.

1.0 course from: Biology 2485B, Biology 3592A, Microbiology and Immunology 2500A/B, Pathology 3240A, ~~3245B~~ **3500**, Pathology 4400A/B, additional courses in Biostatistics and Epidemiology at the 3000- and 4000-level, **the former Pathology 3240A, the former Pathology 3245B.**

INTERDISCIPLINARY MEDICAL SCIENCES (IMS)

Effective **September 1, 2017**, the following modules be revised.

HONORS SPECIALIZATION IN INTERDISCIPLINARY MEDICAL SCIENCES (IMS)

Module

10.0 courses:

0.5 course: Biochemistry 2280A.

1.5 courses: Biology 2290F/G, Biology 2382A/B, Biology 2581B.

0.5 course: Chemistry 2213A/B.

0.5 course from: Chemistry numbered 2100-3999 (2223B is recommended).

0.5 course from: Biology 2244A/B or Statistical Sciences 2244A/B.

3.0 courses from: Groups 1 and 2 (see below), with a minimum of 2.5 courses selected from Group 1. A maximum of 2.0 courses from one subject area (e.g. a maximum of 2.0 courses in Biochemistry) can be used towards the Group requirement.

0.5 course from: Group 3.

1.0 course: Medical Sciences 4900F/G, Medical Sciences 4930F/G.

2.0 courses at the 4000-level from at least two of the following subject areas: Anatomy and Cell Biology, Biochemistry, Biostatistics, Epidemiology, Medical Biophysics, Medical Sciences, Microbiology and Immunology, Pathology, Pharmacology, Physiology.

Group 1: Anatomy and Cell Biology 3309, Biochemistry 3381A, Biochemistry 3382A, Biostatistics 3100A, Biostatistics 3110B, Epidemiology 2200A/B, Epidemiology 3200A, Medical Biophysics 3330F/G, Medical Biophysics 3336F/G, Medical Biophysics 3501F**A**, Medical Biophysics 3503G, Medical Biophysics 3505F, Medical Biophysics 3507G, Microbiology and Immunology 2500A/B, Microbiology and Immunology 3100A, Microbiology and Immunology 3300B, Pathology **3500**

~~3240A, Pathology 3245B~~, Pharmacology 3620, Physiology 3120, Physiology 3140A, any of the former courses: Epidemiology and Biostatistics 2200A/B, Microbiology and Immunology 2100A, 3400B, **Pathology 3240A, Pathology 3245B.**

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

Group 3: Biochemistry 3380G, Medical Biophysics 3970Z, Medical Sciences 3900F/G, Microbiology and Immunology 3610F, Microbiology and Immunology 3620G, Pharmacology 3580Z, Physiology 3130Z, the former Biochemistry 3387G, the former Microbiology and Immunology 3600G.

MAJOR IN INTERDISCIPLINARY MEDICAL SCIENCES (IMS)

Module

6.0 courses:

0.5 course: Biochemistry 2280A.

0.5 course from: Biology 2244A/B or Statistical Sciences 2244A/B.

1.0 course from: Biology 2290F/G, Biology 2382A/B, Biology 2581B.

0.5 course: Chemistry 2213A/B.

2.5 courses from: Groups 1 and 2 (see below) with a minimum of 1.5 courses selected from Group 1. A maximum of 2.0 courses from one subject area (e.g. a maximum of 2.0 courses in Biochemistry) can be used towards the Group requirement.

1.0 course at the 4000-level from any of the following subject areas: Anatomy and Cell Biology, Biochemistry, Biostatistics, Epidemiology, Medical Biophysics, Medical Sciences, Microbiology and Immunology, Pathology, Pharmacology, Physiology

Group 1: Anatomy and Cell Biology 3309, Biochemistry 3381A, Biochemistry 3382A, Biostatistics 3100A, Biostatistics 3110B, Epidemiology 2200A/B, Epidemiology 3200A, Medical Biophysics 3330F/G, Medical Biophysics 3336F/G, Medical Biophysics 3501F/A, Medical Biophysics 3503G, Medical Biophysics 3505F, Medical Biophysics 3507G, Microbiology and Immunology 2500A/B, Microbiology and Immunology 3100A, Microbiology and Immunology 3300B, Pathology **3500**, ~~3240A, 3245B~~, Pharmacology 3620, Physiology 3120, Physiology 3140A, or any of these former courses: Epidemiology and Biostatistics 2200A/B, Microbiology and Immunology 2100A, 3400B, **Pathology 3240A, Pathology 3245B.**

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

SPECIALIZATION IN INTERDISCIPLINARY MEDICAL SCIENCES (IMS)

Module

9.5 courses:

0.5 course: Biochemistry 2280A.

1.5 courses: Biology 2290F/G, Biology 2382A/B, Biology 2581B.

0.5 course: Chemistry 2213A/B.

0.5 course from: Biology 2244A/B or Statistical Sciences 2244A/B.

0.5 course from: Chemistry numbered 2100-3999 (2223B is recommended).

3.0 courses from: Groups 1 and 2 (see below), with a minimum of 2.5 courses selected from Group 1. A maximum of 2.0 courses from one subject area (e.g. a maximum of 2.0 courses in Biochemistry) can be used towards the Group requirement.

0.5 course from: Group 3.

2.5 courses at the 4000-level from at least two of the following subject areas: Anatomy and Cell Biology, Biochemistry, Biostatistics, Epidemiology, Medical Biophysics, Medical Sciences, Microbiology and Immunology, Pathology, Pharmacology, Physiology.

Group 1: Anatomy and Cell Biology 3309, Biochemistry 3381A, Biochemistry 3382A, Biostatistics 3100A, Biostatistics 3110B, Epidemiology 2200A/B, Epidemiology 3200A, Medical Biophysics 3330F/G, Medical Biophysics 3336F/G, Medical Biophysics 3501FA, Medical Biophysics 3503G, Medical Biophysics 3505F, Medical Biophysics 3507G, Microbiology and Immunology 2500A/B, Microbiology and Immunology 3100A, Microbiology and Immunology 3300B, Pathology 3500 3240A, 3245B, Pharmacology 3620, Physiology 3120, Physiology 3140A, any of the former courses: Epidemiology and Biostatistics 2200A/B, Microbiology and Immunology 2100A, 3400B, the former Pathology 3240A, the former Pathology 3245B.

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

Group 3: Biochemistry 3380G, Medical Biophysics 3970Z, Medical Sciences 3900F/G, Microbiology and Immunology 3610F, Microbiology and Immunology 3620G, Pharmacology 3580Z, Physiology 3130Z, the former Biochemistry 3387G, Microbiology and Immunology 3600G

COMBINED BMSc (INTERDISCIPLINARY MEDICAL SCIENCES)/HBA PROGRAM

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Years 4 and 5: BMSc requirements for the Honors Specialization in Interdisciplinary Medical Sciences (IMS)

Year 4

3.0 courses from: Groups 1 and 2 (see below) with a minimum of 2.5 courses selected from Group 1. A maximum of 2.0 courses from one subject area (e.g. a maximum of 2.0 courses in Biochemistry) can be used towards the Group requirements.

0.5 course from: Group 3.

Group 1: Anatomy and Cell Biology 3309, Biochemistry 3381A, Biochemistry 3382A, Biostatistics 3100A, Biostatistics 3110B, Epidemiology 2200A/B, Epidemiology 3200A, Medical Biophysics 3330F/G, Medical Biophysics 3336F/G, Medical Biophysics 3501FA, Medical Biophysics 3503G, Medical Biophysics 3505F, Medical Biophysics 3507G, Microbiology and Immunology 2500A/B, Microbiology and Immunology 3100A, Microbiology and Immunology 3300B, Pathology 3500 3240A, 3245B, Pharmacology 3620, Physiology 3120, Physiology 3140A, any of the former courses: Epidemiology and Biostatistics 2200A/B, Microbiology and Immunology 2100A, Microbiology and Immunology 3400B, Pathology 3240A, Pathology 3245B.

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

Group 3: Biochemistry 3380G, Medical Biophysics 3970Z, Medical Sciences 3900F/G, Microbiology and Immunology 3610F, Microbiology and Immunology 3620G, Pharmacology 3580Z, Physiology 3130Z, the former Biochemistry 3387G, Microbiology and Immunology 3600G.

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MEDICAL BIOPHYSICS

Effective **September 1, 2017**, the following courses be revised.

Medical Biophysics 2582B - Imaging in Biology

Prerequisite(s): Biochemistry 2280A; one of 1.0 course from Applied Mathematics 1201A/B, Calculus 1000A/B, or 1500A/B, and one of Calculus 1301A/B or 1501A/B, Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B, Statistical Sciences 1024A/B; and ; one of 1.0 course from Physics 1028A/B, 1029A/B, 1301A/B, 1302A/B or 1501A/B, and one of Physics 1029A/B, 1302A/B or 1502A/B.

Pre-or Corequisite(s): Biology 2581B.

Medical Biophysics 3501FA - Biophysics of Transport Systems**Medical Biophysics 3970Z - General Biophysics Laboratory**

Pre-or Corequisite(s): Medical Biophysics 3330F/G, 3501FA and 3505F; or Medical Biophysics 3501F and 3507G and registration in the Honors Specialization in Medical Biophysics and Biochemistry.

Medical Biophysics 4455A/B - Biological Control Systems

Prerequisite(s): Medical Biophysics 3501FA and 3505F; or permission of the department.

Medical Biophysics 4467A/B - Radiation Biology with Biomedical Applications

Prerequisite(s): Medical Biophysics 3501FA; one of Medical Biophysics 3507G or Physics 2101A/B or 2102A/B; or permission of the department.

Medical Biophysics 4535A/B – Hemodynamics

Prerequisite(s): Medical Biophysics 3501FA, 3503G, 3505F and 3507G; or permission of the department.

Medical Biophysics 4518B - Molecular Imaging

Prerequisite(s): Biochemistry 2280A; Medical Biophysics 3501FA.

Effective **September 1, 2017**, the *MEDICAL BIOPHYSICS* main page be revised.

In addition to the modules listed below, the Department of Medical Biophysics participates in the Medical Sciences and Interdisciplinary Medical Sciences (IMS) modules, and in several of the modules offered by the Department of Biology. (See *MEDICAL SCIENCES* and *INTERDISCIPLINARY MEDICAL SCIENCES* and *BIOLOGY* listings.) Most undergraduate Medical Biophysics courses are also open to students in Physical or Mathematical Sciences. Medical Biophysics 3330F/G, 3336F/G, 3501FA, 3503G, 3505F and 3507G are available to qualified students in Year 2.

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Effective **September 1, 2017**, the following modules be revised.

HONORS SPECIALIZATION IN MEDICAL BIOPHYSICS (Clinical Physics Concentration)**Module**

11.5 courses:

0.5 course from: Calculus 2302A/B, Calculus 2502A/B.

0.5 course from: Calculus 2303A/B, Calculus 2503A/B.

0.5 course: Mathematics 1600A/B.

1.5 courses: Physics 2101A/B, Physics 2102A/B, Physics 2110A/B.

0.5 course: Computer Science 2035A/B.

1.0 course from: Physiology 2130 or Physiology 3120.

3.0 courses: Medical Biophysics 3330F/G, Medical Biophysics 3501FA, Medical Biophysics 3503G, Medical Biophysics 3505F, Medical Biophysics 3507G, Medical Biophysics 3970Z.

1.0 course: Physics 3200A/B, Physics 3300A/B.

0.5 course from: Physics 3380A/B, Physics 3400A/B.

1.0 course from: Medical Biophysics 4467A/B, Medical Biophysics 4475A/B.

1.5 courses: Medical Biophysics 4971E. (Research Project = 1.5 courses)

HONORS SPECIALIZATION IN MEDICAL BIOPHYSICS (Medical Science Concentration)

Module:

9.5 courses:

0.5 course: Biochemistry 2280A.

0.5 course: Chemistry 2213A/B.

0.5 course: Computer Science 2035A/B.

0.5 course from: Biology 2244A/B or Statistical Sciences 2244A/B.

0.5 course from: Biology 2290F/G, Biology 2382A/B, Biology 2581B, Chemistry 2214A/B, Medical Biophysics 3336F/G.

1.0 course from: Physics 2101A/B and Physics 2102A/B, Physiology 2130 or Physiology 3120.

3.5 courses: Medical Biophysics 3330F/G, Medical Biophysics 3501FA, Medical Biophysics 3503G, Medical Biophysics 3505F, Medical Biophysics 3507G, Medical Biophysics 3645A/B, Medical Biophysics 3970Z.

1.0 course from: Medical Biophysics 4445A/B, Medical Biophysics 4455A/B, Medical Biophysics 4467A/B, Medical Biophysics 4475A/B, Medical Biophysics 4535A/B.

1.5 courses: Medical Biophysics 4970E (Research Project = 1.5 courses).

HONORS SPECIALIZATION IN MEDICAL BIOPHYSICS (Biological Science Concentration)

Module

9.5 courses:

0.5 course: Biochemistry 2280A.

1.0 course from: Biology 2290F/G, Biology 2382A/B, Biology 2581B.

0.5 course from: Biology 2244A/B, Statistical Sciences 2244A/B.

0.5 course: Chemistry 2213A/B.

0.5 course: Computer Science 2035A/B.

3.0 courses: Medical Biophysics 3330F/G, Medical Biophysics 3501FA, Medical Biophysics 3503G, Medical Biophysics 3505F, Medical Biophysics 3507G, Medical Biophysics 3970Z.

1.0 course: Physiology 2130.

1.0 course from: Medical Biophysics 4455A/B, Medical Biophysics 4467A/B, Medical Biophysics 4475A/B, Medical Biophysics 4535A/B.

1.5 courses: Medical Biophysics 4970E (Research Project = 1.5 courses).

HONORS SPECIALIZATION IN MEDICAL BIOPHYSICS (Physical Science Concentration)

Module

10.0 courses:

1.0 course from: Physics 2101A/B and Physics 2102A/B.

0.5 course from: Calculus 2302A/B, Calculus 2502A/B.

0.5 course from: Calculus 2303A/B, Calculus 2503A/B.

0.5 course from: Biology 2244A/B or Statistical Sciences 2244A/B.

0.5 course: Computer Science 2035A/B.

3.5 courses: Medical Biophysics 3330F/G, Medical Biophysics 3501FA, Medical Biophysics 3503G, Medical Biophysics 3505F, Medical Biophysics 3507G, Medical Biophysics 3645A/B and Medical Biophysics 3970Z.

1.5 courses: Medical Biophysics 4970E (Research Project = 1.5 courses).

1.0 course from: Medical Biophysics 4445A/B, Medical Biophysics 4455A/B, Medical Biophysics 4467A/B, Medical Biophysics 4475A/B, Medical Biophysics 4535A/B.

1.0 course from: Applied Mathematics 2402A, Applied Mathematics 2811B, Applied Mathematics 3615A/B, Chemistry 2213A/B, Chemistry 2214A/B, Chemistry 2223B, Engineering Science 1036A/B, Mathematics 1600A/B, Physics 2110A/B, Physics 2600A/B, an additional one or two half courses in Medical Biophysics at the 3000- or 4000-level, the former Applied Mathematics 2813B.

HONORS SPECIALIZATION IN MEDICAL BIOPHYSICS AND BIOCHEMISTRY

Module

10.5 courses

0.5 course: Biochemistry 2280A.

0.5 course: Biology 2581B.

0.5 course from: Biology 2244A/B or Statistical Sciences 2244A/B.

0.5 course from: Chemistry 2213A/B or Chemistry 2273A.

0.5 course from: Chemistry 2223B or Chemistry 2283G.

0.5 course: Computer Science 2035A/B.

0.5 course: Medical Biophysics 2582B.

1.0 course: Physiology 2130.

1.0 course: Biochemistry 3381A, Biochemistry 3382A.

1.0 course: Medical Biophysics 3501FA, Medical Biophysics 3507G.

0.5 course from: Biochemistry 3380G or Medical Biophysics 3970Z.

1.0 course: Biochemistry 4410A, Biochemistry 4420A.

0.5 course: Medical Biophysics 4518B.

0.5 course from: Medical Biophysics 3645A/B, 4467A/B.

1.5 courses from: Biochemistry 4483E or Medical Biophysics 4970E.

MAJOR IN MEDICAL BIOPHYSICS

Module

6.0 courses:

0.5 course: Computer Science 2035A/B.

1.0 course from: Physics 2101A/B and Physics 2102A/B, Physiology 2130.

3.5 courses: Medical Biophysics 3330F/G, Medical Biophysics 3501FA, Medical Biophysics 3503G, Medical Biophysics 3505F, Medical Biophysics 3507G, Medical Biophysics 3645A/B, Medical Biophysics 3970Z.

1.0 course from: Medical Biophysics 4445A/B, Medical Biophysics 4455A/B, Medical Biophysics 4467A/B, Medical Biophysics 4475A/B, Medical Biophysics 4535A/B.

SPECIALIZATION IN MEDICAL BIOPHYSICS

Module

9.0 courses:

0.5 course: Biochemistry 2280A.

0.5 course: Chemistry 2213A/B.

0.5 course: Computer Science 2035A/B.

0.5 course from: Biology 2244A/B or Statistical Sciences 2244A/B.

1.0 course from: Physics 2101A/B and Physics 2102A/B, or Physiology 2130.

3.0 courses: Medical Biophysics 3501FA, Medical Biophysics 3503G, Medical Biophysics 3505F, Medical Biophysics 3507G, Medical Biophysics 3330F/G, Medical Biophysics 3645A/B.

1.5 courses from: Medical Biophysics 4445A/B, Medical Biophysics 4455A/B, Medical Biophysics 4467A/B, Medical Biophysics 4475A/B, Medical Biophysics 4535A/B.

1.5 courses from: Applied Mathematics 2402A, Applied Mathematics 2811B, Applied Mathematics 3615A/B, Biology 2290F/G, Biology 2382A/B, Biology 2581B, Chemistry 2214A/B, Chemistry 2223B, Mathematics 1600A/B, 3000- and 4000-level courses in Medical Biophysics (with the exception of Medical Biophysics 4970E and Medical Biophysics 4971E), Pathology 3500, 3240A, Pathology 3245B, Physics 2101A/B, Physics 2102A/B, Physics 2110A/B, Physiology 2130, or the former Applied Mathematics 2813B, the former Pathology 3240A, the former Pathology 3245B.

MINOR IN MEDICAL BIOPHYSICS

Module

4.0 courses:

0.5 course: Computer Science 2035A/B.

2.5 courses: Medical Biophysics 3330F/G, Medical Biophysics 3501FA, Medical Biophysics 3503G, Medical Biophysics 3505F, Medical Biophysics 3507G.

1.0 courses from: Biochemistry 2280A, Biology 2382A/B, Biology 2581B, Calculus 2302A/B, 2303A/B, Chemistry 2214A/B, Computer Science 1025A/B or Computer Science 1026A/B or Engineering Science 1036A/B, Mathematics 1600A/B, additional courses in Medical Biophysics at the 3000-level, Physics 2101A/B, Physics 2102A/B.

MEDICAL SCIENCES

Effective **September 1, 2017**, the following modules be revised.

MAJOR IN MEDICAL SCIENCES

Module

6.0 courses:

0.5 course: Biochemistry 2280A.

0.5 course from: Chemistry 2213A/B or Chemistry 2273A.

0.5 course from: Biology 2244A/B or Statistical Sciences 2244A/B.

1.0 course from: Biology 2290F/G, Biology 2382A/B, Biology 2581B.

3.0 courses from: Groups 1 and 2 with a minimum of 1.0 course selected from Group 1. A maximum of 2.0 courses from one subject area (e.g. a maximum of 2.0 courses in Biochemistry) can be used towards the Group requirement.

0.5 course from: Chemistry numbered 2100-3999 or an additional 0.5 course from Group 1 or 2.

Group 1: Anatomy and Cell Biology 3309, Biochemistry 3381A, Biochemistry 3382A, Biostatistics 3100A, Biostatistics 3110B, Epidemiology 2200A/B, Epidemiology 3200A, Medical Biophysics 3330F/G, Medical Biophysics 3336F/G, Medical Biophysics 3501FA, Medical Biophysics 3503G, Medical Biophysics 3505F, Medical Biophysics 3507G, Microbiology and Immunology 2500A/B, Microbiology and Immunology 3100A, Microbiology and Immunology 3300B, Pathology 3500, 3240A, 3245B, Pharmacology 3620, Physiology 3120, Physiology 3140A, or any of these former courses: Epidemiology and Biostatistics 2200A/B, Microbiology and Immunology 2100A, Microbiology and Immunology 3400B, the former Pathology 3240A, the former Pathology 3245B.

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

MINOR IN MEDICAL SCIENCES

Module

4.0 courses:

0.5 course: Biochemistry 2280A.

0.5 course: Chemistry 2213A/B.

1.0 course from: Biology 2290F/G, Biology 2382A/B, Biology 2581B.

2.0 courses from: Groups 1 and 2 (see below), with at least 1.0 course selected from Group 1 and no more than 1.5 courses from one subject area.

Group 1: Anatomy and Cell Biology 3309, Biochemistry 3381A, Biochemistry 3382A, Biostatistics 3100A, Biostatistics 3110B, Epidemiology 2200A/B, Epidemiology 3200A, Medical Biophysics 3330F/G, Medical Biophysics 3336F/G, Medical Biophysics 3501FA, Medical Biophysics 3503G, Medical Biophysics 3505F, Medical Biophysics 3507G, Microbiology and Immunology 2500A/B, Microbiology and Immunology 3100A, Microbiology and Immunology 3300B, Pathology 3500, 3240A, 3245B, Pharmacology 3620, Physiology 3120, Physiology 3140A, the former Microbiology and Immunology 2100A, the former Microbiology and Immunology 3400B, the former Pathology 3240A, the former Pathology 3245B.

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

MICROBIOLOGY AND IMMUNOLOGY

Effective **September 1, 2017**, the following module be revised.

MINOR IN MICROBIOLOGY AND IMMUNOLOGY

Module

4.0 courses:

0.5 course: Chemistry 2213A/B.

0.5 course: Biochemistry 2280A.

1.0 course: Biology 2382A/B, Biology 2581B.

1.5 courses: Microbiology and Immunology 2500A/B, Microbiology and Immunology 3100A, Microbiology and Immunology 3300B.

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

Note: If students take Pathology 3500, then the module becomes 4.5 courses.

ANTHROPOLOGY

Effective **March 1, 2017**, the following course be introduced.

Anthropology 4470A/B - Research Practicum in Anthropology

Short title: *Research Practicum*

Students will be integrated into a faculty research project, gaining hands-on experience in research through sustained interaction with a faculty supervisor. The instructor and the student will apply to the Department Chair detailing the research activities that the student will undertake; approval from Department Chair required.

Prerequisite(s): Registration in fourth year in any Anthropology module, with a minimum average of 80% in courses at the 2000-level and above, or instructor permission.

Extra Information: 0.5 course.

Effective **September 1, 2017**, the following courses be added to the COURSES BY SUBFIELD in Anthropology.

Sociocultural Anthropology:

Anthropology 1020E, 1025F/G, 2112, 2201F/G, 2203F/G, 2211F/G, 2212F/G, ~~2244F/G~~, 2216F/G, 2217F/G, 2218F/G, 2219F/G, 2220E, 2222F/G, 2223F/G, 2224F/G, 2255E, 2260F/G, 2262F/G, ~~2266F/G~~, 2269F/G, 2272F/G, 2280F/G, 2281F/G, 2282F/G, 2283F/G, 2284F/G, 2289F/G, 2290F/G, ~~3266F/G~~, ~~3304E~~, ~~3302F/G~~, 3305F/G, 3331F/G, 3322, 3332F/G, 3333F/G, 3369F/G, 3389F/G, 4400E, ~~4402F/G~~, **4470A/B, the former 3266F/G, 3301E.**

Bioarchaeological Anthropology:

Anthropology 1026F/G, 2100, 2226A/B, 2229F/G, 2230F/G, ~~2231F/G~~, 2233F/G, 2234F/G, 2235A/B, 2236A/B, 2239A/B, 2261F/G, 2264F/G, 2265F/G, 2269F/G, ~~3303~~, 3307A, 3308F/G, 3309F/G, 3310A/B, 3311F/G, 3312F/G, 3320, 3322, 3334F/G, 3336F/G, 3338F/G, 3340A/B, 3341F/G, ~~3342A/B~~, 3369F/G, 4420A/B, 4429F/G, **4470A/B, the former 2231F/G, 3303.**

Linguistic Anthropology:

Anthropology 1027A/B, 2243F/G, 2245F/G, 2246F/G, ~~2247A/B~~, ~~2248A/B~~, 2249F/G, 2250F/G, 3237A/B, 3335F/G, 3337F/G, 4412F/G, **the former 2247A/B, 2248A/B.**

POLITICAL SCIENCE

Effective **September 1, 2017**, the following course be revised.

Political Science 4213F/G: Comparative Global Corruption

Prerequisite(s): Political Science 2231E, 2245E, **or International Relations 2702E or the former International Relations 2701E** or permission of the instructor.

Antirequisite(s): Political Science 4512F/G if taken in 2015-16 or earlier.

2 hours, 0.5 course

KING'S UNIVERSITY COLLEGE**DISABILITY STUDIES**

Effective **September 1, 2017**, the following modules be revised following a suggestion received during the previous consultation process (module changes previously approved February 1, 2017).

MAJOR IN DISABILITY STUDIES**Module**

6.0 courses:

1.0 course: Disability Studies 2201F/G (or the former Disability Studies 2201A/B) and Disability Studies 2202A/B, or the former Interdisciplinary Studies 2246.

5.0 courses: from Groups A and B as listed below. Students must take at least 2.5 courses from Group A, including 0.5 at the 3000-level, and must complete a total of 1.0 course at the 3000-level in the module.

Group A: Any Disability Studies course level 2000 or above, Philosophy 2072F/G, Sociology 3339F/G.

Group B: Childhood and Social Institutions 2210F/G, Childhood and Social Institutions 2255F/G (or the former Political Science 2265F/G), Childhood and Social Institutions 3300F/G, Childhood and Social Institutions 3360F/G, History of Science 2220, Interdisciplinary Studies 2252F/G, Philosophy 2203E, Political Science 3312F/G, Political Science 3309E, Psychology 3310F/G, Psychology 3311, Psychology 3320F/G, Psychology 3725F/G, Psychology 4303F/G, Sociology 2245, Sociology 3304F/G, Sociology 3305F/G, Sociology 3371F/G, Thanatology 2200, Thanatology 2230A/B, Thanatology 2234A/B, Thanatology 3355A/B, **Women's Studies 2223F/G**.

MINOR IN DISABILITY STUDIES

Module

4.0 courses:

1.0 course: Disability Studies 2201F/G (or the former Disability Studies 2201A/B) and Disability Studies 2202A/B, or the former Interdisciplinary Studies 2246.

3.0 courses from Groups A and B as listed below. Students must take at least 1.5 from Group A, up to 1.5 can be taken from Group B.

Group A: Any Disability Studies Course level 2000 or above, Philosophy 2072F/G, Sociology 3339F/G.

Group B: Childhood and Social Institutions 2210F/G, Childhood and Social Institutions 2255F/G, Childhood and Social Institutions 3300F/G, Childhood and Social Institutions 3360F/G, History of Science 2220, Interdisciplinary Studies 2252F/G, Philosophy 2203E, Political Science 3309E, 3312F/G, Psychology 3310F/G, Psychology 3311, Psychology 3320F/G, Psychology 3725F/G, Psychology 4303F/G, Sociology 2245, Sociology 3304F/G, Sociology 3305F/G, Sociology 3371F/G, Thanatology 2200, Thanatology 2230A/B, Thanatology 2234A/B, Thanatology 3355A/B, **Women's Studies 2223F/G**.

SOCIAL WORK

Effective **September 1, 2017**, the following courses be revised.

Social Work 3319A/BF/G - Social Work, Ethics and the Law

Social Work 4415A/BF/G - Organizational Context of Practice

Social Work 4400 - Practicum and Integration Seminar

Corequisite(s): Social Work 4414F/G, 4415A/BF/G, 4421A/B.

Social Work 4421A/B - Anti-Oppressive Social Work Practice

Prerequisite(s): All third-year Social Work courses.

Corequisite(s): Social Work 4400, 4414F/G, 4415A/BF/G.

Effective **September 1, 2017**, the following module be revised.

BACHELOR OF SOCIAL WORK (HONORS) - HONORS SPECIALIZATION IN SOCIAL WORK

Module

10.0 courses:

5.0 courses completed in Year 3: Social Work 3301A/B, 3302A/B, 3303A/B, 3308F/G, 3316A/B, 3318A/B, 3319A/B **F/G**, 3320Y, 3333A/B, 3344A/B

5.0 courses completed in Year 4:

2.5 courses: Social Work 4400, 4414F/G, 4415A/B **F/G**, 4429A/B

2.5 courses from Social Work electives at the 3000 level or above, including at least 0.5 from each of the following two categories (A maximum of 1.0 approved courses from outside of Social Work may be taken. Consult with the School for approved list.)

SOCIAL JUSTICE AND PEACE STUDIES

Effective **September 1, 2017**, the Approved List of Courses for Social Justice and Peace Studies be revised.

SOCIAL JUSTICE AND PEACE STUDIES

Approved List of Courses

The following courses may be taken to complete requirements for the Social Justice and Peace Studies modules. Students may request permission to substitute other courses not on this list. These requests will be considered on a case by case basis. Students are advised to consult the Program Coordinator when planning their program.

Centre for Global Studies 2002F/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.

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

English 2017, 2310E, 2730F/G, 2735F/G.

First Nations Studies 2218F/G.

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

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

Philosophy 2074F/G, 2080.

Political Science 2225E, 2230E, 2231E, 2235E, 2245E, 2255F/G, 2257, 2270E, 3302F/G, 3309E, 3311F/G, 3312F/G, 3319F/G, 3325E, 3332F/G, 3357E, 3369F/G, 3400F/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, 2266A/B, 2267A/B, 3305F/G, 3318F/G, 3338E, 3339F/G, 3340F/G, 3341F/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, 3382F/G, 3383F/G, 3396F/G-3399F/G, 4401F/G, 4402F/G, 4403E, 4496F/G-4499F/G.

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

Thanatology 3322A/B.

DAP UPDATE: MINOR CHANGES**FACULTY OF HEALTH SCIENCES****KINESIOLOGY**

Effective **September 1, 2017**, the hours for **Kinesiology 1070A/B - Psychology of Human Movement Science** be revised as follows:

Kinesiology 1070A/B - Psychology of Human Movement Science

Extra Information: 3 lecture hours, 3 laboratory hours biweekly, **1 tutorial hour**, 0.5 course.

Effective **September 1, 2017**, the following modules be revised to remove outdated notes.

HONORS SPECIALIZATION IN KINESIOLOGY – BSc
HONORS SPECIALIZATION IN KINESIOLOGY - BA

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For module planning guide go to the School of Kinesiology website: <http://www.uwo.ca/fhs/kin/>

Note: For prior to 2006 entry, refer to previous Academic Calendars
<http://www.westerncalendar.uwo.ca/Calendars.html>.

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FACULTY OF SCIENCE and SCHULICH SCHOOL OF MEDICINE & DENTISTRY**PHYSIOLOGY**

Effective **September 1, 2017**, the course hours for **Physiology 4420A/B** be revised as follows.

Physiology 4420A/B - Physiology of Exercise

Extra Information: 2 **3** lecture hours, 1 tutorial hour, 0.5 course.

Priority to students in Honors Specialization modules in Physiology, and Physiology and Pharmacology.

HURON UNIVERSITY COLLEGE**HISTORY**

Effective **September 1, 2017**, the following be revised to correct errors in the proposal to introduce the module at Senate.

MINOR IN HISTORIES OF AFRICA AND THE AFRICAN DIASPORAS**Module:**

4.0 courses. Please note prerequisites for senior courses.

1.0 course: History 2602F/G and History 2604F/G.

1.0 course from: History 2135A/B; History 2709F/G; History 3309E; History 3311F/G; History 3313F/G; History 4502F/G.

2.0 courses from: CGS 3509F/G; CGS 3524F/G; English 2361E; English 2715F/G; English 3884E; French ~~3725F/G~~ **3752F/G**; History 2701E; History 4702F/G; Geography 2030A/B; Political

Science 3205F/G; Religious Studies 3160F/G; Women's Studies 4607E/F/G, and from a list of courses maintained by the History Department at Huron.

KING'S UNIVERSITY COLLEGE and BRESCIA UNIVERSITY COLLEGE

SOCIOLOGY

*The changes to the prerequisites for **Sociology 3306A/B**, approved by DAP February 16, 2017, apply to **King's University College** and **Brescia University College** and not just King's University College as reported in the DAP Approvals document.*