



The following proposals, received on DAP between the dates listed below, have been approved.

DAP Submission Period: May 16-31, 2021

DAP Approval Date: June 16, 2021

[For more information on the DAP process, see the Secretariat's website.](#)

Approval Route: DAP

Faculty of Science

APPLIED MATHEMATICS

Effective September 1, 2021, the following change(s) be made: Module Revision.

HONOURS SPECIALIZATION IN APPLIED MATHEMATICS

Module

9.0 courses:

4.5 courses: Applied Mathematics 2811B, Applied Mathematics 2814F/G or the former Applied Mathematics 2813B, Applied Mathematics 3811A/B, Applied Mathematics 3813A/B, Applied Mathematics 3815A/B, Applied Mathematics 3911F/G, Applied Mathematics 4815A/B**, Applied Mathematics 4817A/B*, Applied Mathematics 4999Z, the former Applied Mathematics 3911F/G.

0.5 course: Calculus 2502A/B (recommended) or Calculus 2302A/B.

0.5 course: Calculus 2503A/B (recommended) or Calculus 2303A/B.

0.5 course: Applied Mathematics 2402A or the former Differential Equations 2402A.

0.5 course from: Mathematics 2120A/B, Mathematics 2122A/B, Mathematics 3120A/B.

1.0 course: Statistical Sciences 2857A/B or the former Statistical Sciences 2657A, Statistical Sciences 2858A/B.

0.5 course from: Applied Mathematics 4613A/B**, Applied Mathematics 4617A/B*.

1.0 additional course from: Applied Mathematics 3151A/B, Applied Mathematics 3615A/B, Applied Mathematics 3611F/G** (or the former Applied Mathematics 4611F/G**), Applied Mathematics 4613A/B**, Applied Mathematics 4615F/G*, Applied Mathematics 4617A/B*, the former Applied Mathematics 3129A/B, Financial Modelling 3613A/B, Financial Modelling 3817A/B (or the former Applied Mathematics 3613A/B, the former Applied Mathematics 3817A/B) or the former Applied Mathematics 3151A/B, the former Applied Mathematics 4613A/B, the former Applied Mathematics 4129A/B.

* May be offered only in odd-numbered academic years.

**May be offered only in even-numbered academic years.

Effective September 1, 2021, the following change(s) be made: Module Revision.

MAJOR IN APPLIED MATHEMATICAL METHODS

Module

6.0 courses:

2.5 courses: Applied Mathematics 2811B, Applied Mathematics 2814F/G or the former Applied Mathematics 2813B, Applied Mathematics 3813A/B, Applied Mathematics 3815A/B, the former Applied Mathematics 3911F/G.

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

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

0.5 course: Applied Mathematics 2402A or the former Differential Equations 2402A.

1.0 course from EITHER Statistical Sciences 2141A/B and 0.5 course at the 2100 level or above in Applied Mathematics, Mathematics, or Statistics and Actuarial Science OR Statistical Sciences 2857A/B or the former Statistical Sciences 2657A and Statistical Sciences 2858A/B.

1.0 course at the 2100 level or above in Applied Mathematics, Mathematics, Statistical Sciences, Actuarial Science, or Financial Modelling.

Effective September 1, 2021, the following change(s) be made: Module Revision.

MAJOR IN SCIENTIFIC COMPUTING AND NUMERICAL METHODS

Module

6.0 courses:

0.5 course: Applied Mathematics 2814F/G or the former Applied Mathematics 2813B.

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

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

0.5 course: Applied Mathematics 2402A or the former Differential Equations 2402A.

0.5 course: Applied Mathematics 3911F/G.

0.5 course from: Applied Mathematics 3413A/B or Applied Mathematics 3815A/B or the former Applied Mathematics 3413A/B.

1.0 course from EITHER Statistical Sciences 2141A/B and 0.5 course at the 2100 level or above in Applied Mathematics, Mathematics, or Statistical and Actuarial Science, OR Statistical Sciences 2857A/B or the former Statistical Sciences 2657A and Statistical Sciences 2858A/B.

1.0 course: Computer Science 2210A/B, Computer Science 2211A/B.

1.0 course from: Applied Mathematics 4613A/B**, Applied Mathematics 4615F/G*, Applied Mathematics 4617A/B*.

* May be offered only in odd-numbered academic years.

**May be offered only in even-numbered academic years.

Effective September 1, 2021, the following change(s) be made: Module Revision.

SPECIALIZATION IN APPLIED MATHEMATICS

Module

9.0 courses:

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

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

0.5 course: Applied Mathematics 2402A or the former Differential Equations 2402A.

1.0 course: Applied Mathematics 2811B and either Applied Mathematics 2814F/G or the former Applied Mathematics 2813B.

6.5 courses from: Applied Mathematics 3151A/B, Applied Mathematics 3615A/B, Applied Mathematics 3811A/B, Applied Mathematics 3813A/B, Applied Mathematics 3815A/B, Applied Mathematics 3911F/G, or any Applied Mathematics 4000-level course, Financial Modelling 3613A/B, Financial Modelling 3817A/B (or the former Applied Mathematics 3613A/B, the former Applied Mathematics 3817A/B), Computer Science 2210A/B, Computer Science 2211A/B, Computer Science 2212A/B/Y, Mathematics 2124A/B, Mathematics 2251F/G, Physics 3200A/B, Physics 3300A/B, Physics 3400A/B, Statistical Sciences 2857A/B or the former Statistical Sciences 2657A, Statistical Sciences 2858A/B, Statistical Sciences 3657A/B, the former Applied Mathematics 3151A/B, the former Applied Mathematics 3911F/G. (For these 6.5 courses, some have prerequisites that are not present in the module, and some may be offered only alternate years).

Effective September 1, 2021, the following change(s) be made: Module Revision.

MINOR IN APPLIED MATHEMATICS

Module

4.0 courses:

2.5 courses from: Applied Mathematics 2811B, Applied Mathematics 2814F/G or the

former Applied Mathematics 2813B, Applied Mathematics 3151A/B, Applied Mathematics 3615A/B, Applied Mathematics 3811A/B, Applied Mathematics 3813A/B, Applied Mathematics 3815A/B, Applied Mathematics 3911F/G, Financial Modelling 3817A/B or the former Applied Mathematics 3151A/B, the former Applied Mathematics 3817A/B.

0.5 course: Calculus 2502A/B (recommended) or Calculus 2302A/B.

0.5 course: Calculus 2503A/B (recommended) or Calculus 2303A/B.

0.5 course: Applied Mathematics 2402A or the former Differential Equations 2402A.

PHYSICS AND ASTRONOMY

Effective September 1, 2021, the following change(s) be made: Module Revision.

MINOR IN ADVANCED PHYSICS

Module

4.0 courses:

1.0 course: Physics 4999E.

1.0 course from:

Group A: Courses Involving Applied and Theoretical Physics

Any Physics or Astronomy course numbered 3000 or higher.

the former Applied Mathematics 3129A/B, the former Applied Mathematics 4129A/B, the former Applied Mathematics 4151A/B, the former Applied Mathematics 4253B, the former Applied Mathematics 4353B.

1.0 course from:

Group B: Courses in the Mathematical Sciences Involving Applied Mathematics and Computer Science

Any course numbered 3000 or higher in Applied Mathematics, Mathematics, Numerical and Mathematical Methods or Statistical Sciences.

Applied Mathematics 2811B, Applied Mathematics 2814F/G, Applied Mathematics 3811A/B, Applied Mathematics 3813A/B, Applied Mathematics 4613A/B, Applied Mathematics 4615F/G, Applied Mathematics 4617A/B, Applied Mathematics 4815A/B, Applied Mathematics 4817A/B, the former Applied Mathematics 4819A/B.

Computer Science 2101A/B, Computer Science 3101A/B, the former Applied Mathematics 2813A/B or the former Computer Science 3320A/B.

1.0 course from: **Group A or Group B, or Computer Science 2120A/B, Computer Science 2121A/B**

If any of these courses are taken as part of an Honours Specialization or Specialization in Physics, Astrophysics, or Medical Physics, alternative courses must be selected from Group A.

Note: This module, together with an Honours Specialization in Physics, Astrophysics, or Medical Physics is recommended for students considering graduate studies in one of these fields.

Note: The above courses may have prerequisites that are not included in the module.

STATISTICAL AND ACTUARIAL SCIENCES

Effective September 1, 2021, the following change(s) be made: Module Revision.

HONOURS SPECIALIZATION IN FINANCIAL MODELLING**Module**

9.5 courses:

3.5 courses: Statistical Sciences 2503A/B (or the former Applied Mathematics 2503A/B), Statistical Sciences 2857A/B, Statistical Sciences 2858A/B, Statistical Sciences 2864A/B, Statistical Sciences 3657A/B, Statistical Sciences 3858A/B, Statistical Sciences 4861A/B (or the former Statistical Sciences 3861A/B).

0.5 course: Actuarial Science 2553A/B.

3.0 courses: Financial Modelling 2555A/B (or the former Actuarial Science 2555A/B), Financial Modelling 2557A/B (or the former Actuarial Science 2557A/B), Financial Modelling 3520A/B (or the former Statistical Sciences 3520A/B), Financial Modelling 3613A/B (or the former Applied Mathematics 3613A/B), Financial Modelling 3817A/B* (or the former Applied Mathematics 3817A/B), Financial Modelling 4521A/B (or the former Statistical Sciences 4521F/G).

2.0 courses: Calculus 2402A/B, Applied Mathematics 2811B, Applied Mathematics 2814F/G, Applied Mathematics 3815A/B, the former Applied Mathematics 2813B.

0.5 course from: Applied Mathematics 3611F/G (or the former Applied Mathematics 4611F/G), Applied Mathematics 4613A/B** or Applied Mathematics 4617A/B*, Applied Mathematics 4999Z, Financial Modelling 4998F/G/Z (or the former Statistical Sciences 4998F/G/Z), Statistical Sciences 4960F/G, Statistical Sciences 4999F/G/Z, or Actuarial Science 4997F/G/Z, the former Applied Mathematics 3611F/G (or the former Applied Mathematics 4611F/G).

Calculus 2402A/B may be replaced by either (Calculus 2502A/B and Calculus 2503A/B) or (Calculus 2502A/B and Mathematics 2122A/B or the former Mathematics 2123A/B). When such a replacement occurs, the module will include 10.0 courses.

* May be offered only in odd-numbered academic years.

** May be offered only in even-numbered academic years.

Faculty of Science/Schulich School of Medicine & Dentistry; including BMSc and Neuroscience

INTERDISCIPLINARY MEDICAL SCIENCES (IMS)

Effective September 1, 2021, the following change(s) be made: Update of suffix information in Group 2.

HONOURS SPECIALIZATION IN INTERDISCIPLINARY MEDICAL SCIENCES (IMS)

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

Group 2 (see notes below): Anatomy and Cell Biology 3329A/B, Biochemistry 3385B, Biochemistry 3386B, Biochemistry 3390B, Epidemiology 3210B, Epidemiology 3315B, Epidemiology 3330F/G, Medical Biophysics 3518B, Medical Biophysics 3645A/B, Microbiology and Immunology 3500B, Neuroscience 2000, One Health 3300A/B, One Health 3600A/B, Pharmacology 2060A/B, the former Anatomy and Cell Biology 3319.

Group 3: Biochemistry 3380G, Medical Biophysics 3970Z, Medical Sciences 3990E, Microbiology and Immunology 3610F, Microbiology and Immunology 3620G, Physiology and Pharmacology 3000E, the former Medical Sciences 3900F/G/Z, the former Pharmacology 3580Z, the former Physiology 3130Z.

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MEDICAL BIOPHYSICS

Effective September 1, 2021, the following change(s) be made: Admission Requirement Revision.

MAJOR IN MEDICAL BIOPHYSICS

Admission Requirements

Both 1000- and 2000-level courses are included in the Admission Requirements for students pursuing the Major in Medical Biophysics in BSc degrees, since admission to the BSc Program does not occur until Year 3. The Admission Requirements for students pursuing the Major in other regular undergraduate degrees include only 1000-level courses, since students may register in the Major in Year 2 in non-BSc degrees. The Module requirements (below) are the same for all students completing the Major.

Note: students are encouraged to take Medical Biophysics 2500A/B in second year if they want an introduction to the discipline of Medical Biophysics or are interested in learning how biophysics concepts are applied in translational health research.

ADMISSION REQUIREMENTS FOR STUDENTS PURSUING THIS MAJOR MODULE IN A BACHELOR OF MEDICAL SCIENCES (BSC) DEGREE:

Admission to this Major module occurs in Year 3 and requires admission to Year 3 of the Bachelor of Medical Sciences (BSc) Program. Students will usually complete MEDICAL SCIENCES FIRST ENTRY (Medical Sciences 1 and 2) prior to admission to Double Major modules in a BSc degree.

1.0 course: Biology 1001A* and Biology 1002B*.

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

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

0.5 course from: Calculus 1301A/B, Calculus 1501A/B.

0.5 course from: Physics 1201A/B, Physics 1501A/B, the former Physics 1028A/B, the former Physics 1301A/B.

0.5 course from: Physics 1202A/B, Physics 1502A/B, the former Physics 1029A/B, the former Physics 1302A/B.

* Biology 1201A with a mark of at least 70% may be used in place of Biology 1001A, and Biology 1202B with a mark of at least 70% may be used in place of Biology 1002B.

The course below must be completed with a minimum mark of 60% prior to admission to the Major module in Year 3. This course will also be used towards the Module requirements. See ADMISSION TO THE BACHELOR OF MEDICAL SCIENCES (BSC) PROGRAM and MODULES OFFERED IN THE BSC PROGRAM for additional requirements (averages, course load, etc.).

0.5 course: Computer Science 2035A/B.

ADMISSION REQUIREMENTS FOR STUDENTS PURSUING THIS MAJOR MODULE IN A DEGREE OTHER THAN A BACHELOR OF MEDICAL SCIENCES (BSC) DEGREE:

Completion of first-year requirements, including a mark of at least 60% in each of the 4.0 (full or half) principal courses below:

1.0 course: Biology 1001A* and Biology 1002B* (may be deferred until Year 2).

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

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

0.5 course from: Calculus 1301A/B, Calculus 1501A/B.

0.5 course from: Physics 1201A/B, 1202A/B, Physics 1501A/B, the former Physics
1028A/B, the former Physics 1301A/B.

0.5 course from: Physics 1202A/B, Physics 1502A/B, the former Physics 1029A/B, the
former Physics 1302A/B.

* Biology 1201A with a mark of at least 70% may be used in place of Biology 1001A, and
Biology 1202B with a mark of at least 70% may be used in place of Biology 1002B.

Faculty of Social Science

HISTORY

Effective September 1, 2021, the following change(s) be made: Admission Requirement Revision.

HONOURS SPECIALIZATION IN HISTORY

Admission Requirements

Completion of first-year requirements with no failures. Students must have an average of at least 70% in 3.0 principal courses, including 1.0 course from History 1201E, History 1401E, History 1601E, History 1801E, History 1803E, History 1805E, History 1807, History 1810E or the former History 1403E, the former History 1803E, the former History 1805E, and 2.0 additional courses, with no mark in these principal courses below 60%.

Effective September 1, 2021, the following change(s) be made: Admission Requirement Revision.

MAJOR IN HISTORY

Admission Requirements

Completion of first-year requirements, including 1.0 course from: History 1201E, History 1401E, History 1601E, History 1801E, History 1803E, History 1805E, History 1807, History 1810E or the former History 1403E, the former History 1803E, the former History 1805E with a minimum mark of 60%.

Effective September 1, 2021, the following change(s) be made: Admission Requirement Revision.

SPECIALIZATION IN HISTORY

Admission Requirements

Completion of the first-year requirements, including 1.0 course from History 1201E, History 1401E, History 1601E, History 1801E, History 1803E, History 1805E, History 1807, History 1810E or the former History 1403E, the former History 1803E, the former History 1805E with a minimum mark of 60%.

Effective September 1, 2021, the following change(s) be made: Admission Requirement Revision.

MINOR IN HISTORY

Admission Requirements

Completion of the first-year requirements, including 1.0 course from: History 1201E, History 1401E, History 1601E, History 1801E, History 1803E, History 1805E, History 1807, History 1810E or the former History 1403E, the former History 1803E, the former History 1805E with a minimum mark of 60%.

Huron University College

CHINESE, JAPANESE, AND EAST ASIAN STUDIES

Effective September 1, 2021, the following change(s) be made: Module Revision.

MAJOR IN EAST ASIA STUDIES

Module

6.0 courses:

2.0 language courses from: 2.0 courses at successive levels in Chinese or Japanese, or 1.0 course in Chinese plus 1.0 in Japanese at any level.

3.0 courses, no more than 1.0 of which may be at the 2600 or 2650 level, from: Japanese 2601A/B, Japanese 2750A/B, Japanese 3650F/G, Japanese 3651F/G, Japanese 3680F/G, Japanese 3750F/G, Japanese 3751F/G, Japanese 3690F/G, Chinese 2601A/B, Chinese 2602A/B, Chinese 2650F/G, Chinese 2651F/G, Chinese 3650F/G, Chinese 3651F/G, Chinese 3652F/G, Chinese 3653F/G, the former Centre for Global Studies 3403F/G, the former Centre for Global Studies 3404F/G, the former Centre for Global Studies 3460F/G.

1.0 course in Arts or Social Science numbered 2200 or above. The course(s) taken to meet this requirement must have East Asian content and receive prior approval from the Centre program. The following courses are approved: Economics 3314A/B, Film Studies 2164A/B, Film Studies 3340F/G, Film Studies 3375F/G, History 2601E, History 2603E, History 2605E, History 2610F/G, History 2615F/G, History 3601E, History 3615F/G, History 4605E, History 4606F/G, Political Science 2280E.

Effective September 1, 2021, the following change(s) be made: Module Revision.

MINOR IN EAST ASIA STUDIES

Module

4.0 courses:

2.0 language courses from: 2.0 courses at successive levels in Chinese or Japanese, or 1.0 course in Chinese plus 1.0 in Japanese at any level.

2.0 courses from: Chinese 2601A/B, Chinese 2602A/B, Chinese 2650F/G, Chinese 2651F/G, Chinese 3650F/G - 3653F/G, Japanese 2601A/B, Japanese 2750A/B, Japanese 3650F/G, Japanese 3651F/G, Japanese 3680F/G, Japanese 3690F/G, Japanese 3750F/G, Japanese 3751F/G, Economics 2114F/G, Economics 3314A/B, History 2601E, History 2603E, History 2605E, History 2610F/G, History 2615F/G, History 3601E, History 3615F/G, History 4605E, History 4606F/G, Political Science 2280E, the former Centre for Global Studies 3403F/G, the former Centre for Global Studies 3404F/G (No more than 1.0 Chinese courses numbered 2200-2399 may be included in the module).

Effective September 1, 2021, the following change(s) be made: Module Revision.

MINOR IN JAPAN STUDIES

Module

4.0 courses:

2.0 courses in Japanese language at successive levels, e.g., Japanese 1000 level to 2200 level courses or Japanese 2200 level to 3300 level courses.

1.0 course from: Japanese 2601A/B (the former CGS 2201A/B), Japanese 3650F/G (the former CGS 3450F/G), Japanese 3651F/G.

1.0 course in Arts or Social Science with Japan content. The course must receive prior

approval from the Department. The following are pre-approved: Japanese at 3000 level, Economics 2114F/G, Economics 3314A/B, Film Studies 2164A/B, Film Studies, 3340F/G, Film Studies 3375F/G, Film Studies 4490F/G, History 2605E, History 2610F/G, History 3609F/G, History 4605E, Philosophy 3326F/G, Political Science 2280E, Political Science 3380E, Political Science 3383F/G.

Note: No more than 1.0 Centre for Global Studies course numbered 2200-2399 may be included in the 4.0 courses of the module.

Effective September 1, 2021, the following change(s) be made: Module Revision.

MINOR IN JAPANESE STUDIES

Module

4.0 courses:

1.0 course from: Japanese 1036, Japanese 1050, Japanese 1051A/B and Japanese 1052A/B.

2.0 courses: Japanese 2250, Japanese 2260, Japanese 3350, Japanese 4450.

1.0 course from: Japanese 2601A/B (the former CGS 2201A/B), Japanese 2750A/B, Japanese 3360A/B, Japanese 3361A/B, Japanese 3650F/G (the former CGS 3450F/G), Japanese 3651F/G, Japanese 3371F/G, Japanese 3680F/G, Japanese 3750F/G, Japanese 3751F/G, Japanese 4450, Film Studies 2164A/B, Film Studies, 3340F/G, Film Studies 3375F/G, Film Studies 4490F/G, History 2605E, History 2610F/G, History 3609F/G, History 4605E.