

Section I: Undergraduate Studies at the Shaftesbury Campus

Admission and Registration

Application Procedure

1. **Students can apply on-line**, or they may print all application forms from the CMU website and submit the application by mail. Students may also request applications for Leadership and/or Merit Awards.
2. **All application materials** should be submitted to the Admissions Office. In order to be considered for admission, students must include the following:
 - Completed application form (online or paper copies accepted).
 - Original official transcripts from high school and/or any post-secondary institution attended (this may be an interim or final transcript depending on whether the student has graduated).
 - If the applicant is still completing grade 12, the applicant must include a list of current courses, since these courses serve as the basis of admission. Lists should come directly from the applicant's high school.
 - An application fee as applicable.
 - The housing deposit, if applicable.
 - Reference forms (if applying for CMU housing) to be sent directly to the admissions department by the one completing the form.
3. **Receipt of applications** will be acknowledged in writing.
4. **Applicants will be advised** of their admission status by letter from the admissions office as follows:

Applicants from High School

- Applicants anticipating graduation from high school will be admitted conditionally on the basis of interim grades and current courses.
- After graduation from high school, applicants must submit a final official transcript. The admissions office will then determine final acceptance and send an official letter of admission.

Applicants Transferring from a Post-Secondary Institution

- Applicants completing coursework at another post-secondary institution will be admitted conditionally on the basis of interim grades and current courses. If the applicant has not completed 30 credit hours or more at another post-secondary institution, then an official High School transcript will be required. If a student applies to CMU while under suspension from another institution,

that student will be considered for admission only after a careful assessment of the reasons for suspension from the former institution.

- After all coursework is completed, applicants must submit a final official transcript. The admissions office will then determine final acceptance and send an official letter of admission.
- Applicants must disclose and submit transcripts from all post-secondary institutions attended during the application process. Failure to provide a complete academic record is considered academic misconduct (see *Academic Integrity Policy*) and may result in admission being revoked and the student being deregistered from classes.

Admission Requirements

A student will be admitted to CMU under one of the following classifications:

- Regular Student
- Accelerated Student
- Mature Student
- Home-Schooled Student
- Extended Education

Admission as Regular Students

Applicants from Canada

Canadian high school graduates must have Grade 12 English and meet the admission requirements for their home province as indicated below. The list below presents the admission requirements in summary form for each Canadian province. For more detailed information, applicants should contact an admissions counsellor at CMU.

Applicants should note that several courses (e.g., introductory courses in biology, chemistry, mathematics, or physics) or programs (e.g., programs in Business and Organizational Administration) at CMU have specific prerequisites in mathematics and/or science.

Applicants from Manitoba

- Graduation from high school with 5 full credit 40-level courses (4 courses with a S, G, or U designation; and 1 course with an S, G, U or C designation).
- Admission average of 70% over 3 courses: English 40S (minimum grade of 60%), Math 40S, and a course the approved course list (see **Appendix A** or visit our website for the most up to date list: cmu.ca/admissions/requirements/regular)

Applicants from Out-of-Province

For province specific admission requirements see **Appendix B** or visit our website for the most up to date list: cmu.ca/admissions/requirements/regular.

Applicants from a Community College

Those with a minimum of one year of a two-year diploma program and a minimum C average may apply for admission as Regular Students.

International Applicants

Applicants from The USA may be considered for admission to the university when:

- They present a full academic high school program including successful completion of Grades 10 to 12 in the appropriate subjects and Grade 12 or equivalent standing that also meets admission requirements of major universities or colleges within their home states.
- They have an acceptable score on the SAT I or ACT plus Writing.

For more information, applicants should contact an admissions counsellor at CMU.

Applicants from other international Locations will be considered for admission if they meet one of the following criteria:

- The applicant is eligible for admission to a major university in the country of their citizenship.
- The applicant has successfully completed an internationally examined curriculum such as the General Certificate of Education (G.C.E.)¹ or International Baccalaureate (I.B.).
- The applicant has successfully completed the formal graduation requirements of a high school in Canada or the U.S.A.
- The applicant has successfully completed a year of full-time studies at a university or college in Canada or the U.S.A.

For more information on specific admission requirements by country please view the website: cmu.ca/admissions/international/admission-requirements.

English Language Requirements

International applicants whose primary language is not English must demonstrate proficiency in English by one of the following tests:

1. Test of English as a Foreign Language (TOEFL)
 - A minimum score of 550 (paper-based) with no less than 50 in each component

- or a minimum score of 213 (computer-based) with no less than 17 in each component
 - or a minimum score of 80 (Internet-based) with no less than 19 in each component
 - or a minimum score of 80 (Internet-based Special Home Edition) with no less than 19 in each component
2. International English Language Testing System (IELTS)
 - Academic Module in-person: Minimum band score of 6.5, with no less than 6.0 in each individual component.
 - Academic Module IELTS Indicator: Minimum band score of 6.5, with no less than 6.0 in each individual component.
 3. CanTest
 - An average score of 4.5 in Listening and Reading and a score of 4.0 in Writing
 - A score of 3.5 in Writing may be considered, provided the student is registered in ACWR-1010 Writing for Academic Purposes in their first semester
 4. Cambridge English Assessment Scale
 - A minimum score of 180 (C) on the C1 Advanced or a minimum score of 200 (C) on the C2 Proficiency Test.
 5. Michigan English Language Assessment Battery (MELAB)
 - Minimum score of 80%
 6. Canadian Academic English Language Assessment (CAEL)
 - Computer and Online: Minimum score of 60
 7. Pearson Test of English – Academic (PTE)
 - Minimum of score of 58
 8. Academic English Program for University and College Entrance (AEPUCE)
 - Successful completion of this program offered at the University of Manitoba or a comparable program at a recognized university.
 9. English Language Program (ELP)
 - Successful completion of this program with an Academic Level 5 at The University of Winnipeg, with a minimum C+ in English and a minimum C in all other components.
 10. English for Specific Purposes Program (ESP)
 - at the University of Winnipeg with a Minimum C+ in Academic Writing 1 and 2.

English Language Requirement Waiver Options

Students may request a waiver of the English Language Requirement. Students must provide supporting documentation to show they meet one of the conditions below:

1. Three years of full-time education in English at secondary (high school) or post-secondary (university or college) levels in Canada, or

¹ The G.C.E. and High School Certificate are accepted as senior matriculation provided they include standing in at least two subjects at the advanced/principal level and three at the ordinary level, or three subjects at the advanced/principal level and one at the ordinary

level, with an overall average of C. No subject with a grade below D will be accepted. (Grades of E at the ordinary level or 7, 8 and 9 on School Certificates are not acceptable.)

2. Graduation from a Manitoba high school with at least one Senior 4 Core English credit with a minimum grade of 70% (Comprehensive Focus, Literary Focus or Transactional Focus), or
3. Graduation from a Canadian high school with at least one Grade 12 English with a minimum grade of 70%, or
4. Graduation from a Canadian curriculum high school outside of Canada with at least one Grade 12 English with a minimum grade of 70% (*students taking a New Brunswick curriculum are not included. You must present an IELTS test*) or
5. Achieved a minimum grade of four (B) on the International Baccalaureate Higher Level English course, or a minimum grade of three (B) on the Advanced Placement English examination (Language Composition; Literature and Composition), or
6. Have graduated from Grade 12 in an English Exempt Country. Canadian Mennonite University reserves the right to request additional documentation which may include the submission of a standardized test of English, or fulfilment of an English Proficiency Test, or
7. Ten consecutive years of residency in Canada that may include years of study in Canada. The period of residency will be the time elapsed between the 'Landed On' date on the Record of Landing Document and July 1 of the year of application.

Admission as Accelerated Students

High school students in Manitoba, who have earned at least 24 credits, one of which is a 40S, 40G or 41G course, within the space of three calendar years, may apply to take a partial first-year program while simultaneously completing subjects necessary to meet admission requirements as Regular Students. Applicants in this classification must submit official evidence of all high school work completed. No degree credit will be granted for courses completed at CMU until requirements for admission as a Regular Student have been met.

Admission as Mature Students

Canadian citizens or permanent residents of Canada, who do not possess the academic qualifications for admission as Regular Students may be considered for admission as Mature Students if they have attained at least twenty-one years of age by the end of the calendar year in which they will begin classes. Applicants must satisfy one of the following conditions:

- Completed grade 12, though lacking some of the subjects required for admission as a Regular Student. Minimum grade requirements are the same as for admission as Regular Student.
- Completed three approved 40S courses, or equivalent, within the last three years. Minimum grade requirements are the same as for admission as Regular Student.
- Completed the equivalent of one semester (9 credit hours) at another post-secondary institution (e.g., technical college, Bible school or college) with a minimum GPA of 2.0.

- Completed a certificate program equivalent to one semester of work (9 credit hours) in a continuing education department at a post-secondary institution.
- Satisfactorily completed the General Education Development Tests.
- A successful prior learning assessment conducted at CMU.

Students admitted as Mature Students may be given the standing of Conditional Continuance. Their academic performance will be evaluated at the end of their first semester according to CMU's policy on Academic Standing. Applicants whose first language is other than English must satisfy CMU's English proficiency requirement.

Admission as Home-Schooled Students

Home-schooled students who are 21 years of age or older may be considered for admission as Mature Students. Students who are under 21 years of age and have not, or will not, receive a certificate of graduation through a public or an accredited private secondary school system, may apply for admission under one of the following two options:

- Students who have successfully completed a provincial secondary school study program must submit a final mark statement and a graduation certificate from the Department of Education of their home province to demonstrate that they meet CMU's regular admission requirements.
- Students who have been home-schooled on a private basis must submit a written declaration or transcript prepared by the primary educator outlining the secondary level courses completed the type of program, material used, and the length of the program. To be eligible for consideration, such students must have achieved a minimum of 65%. After the student has completed a minimum of 18 credit hours of coursework at CMU, the student's academic performance will be evaluated in accordance with CMU's policy on academic standing.

Admission as Extended Education Students

Students may choose to take courses at the undergraduate level through the extended education department. To apply, applicants must complete the extended education online application form on the website and provide official transcripts or a letter of permission. There are *three* categories of extended education students:

Auditing: A person interested in taking a few courses for personal or professional interest but not for academic credit may apply. Admission is based on completion of high school/GED or relevant life experience. Auditing students will attend classes regularly. Participation in class discussion and completion of assignments is at the discretion of the instructor. A student will not receive a grade in the class. Auditing students are restricted to auditing only courses approved by the Registrar's Office (excludes IAMS, Ensembles, courses with labs, etc.).



For-Credit: A person 21 years of age or older interested in taking a few courses for credit but not wanting to pursue a degree program may apply. Admission is based on completion of high school/GED or relevant life experience. Registration is restricted to part-time study. Students are restricted to taking only courses approved by the Registrar's Office (excludes IAMS, Ensembles, etc.) and courses for which the student meets the prerequisites. A maximum of 15 credit hours can be taken as an Extended Education student. After 15 credit hours, the student may apply for admission as a regular student. Admission to CMU's degree programs will be based on attainment of a GPA of 2.0 or higher in courses completed at CMU.

Visiting Students: Students currently enrolled in a program of study at another university or college may take courses at CMU with permission from their home institution. To apply, applicants must provide a Letter of Permission from their home institution. Students are restricted to taking only courses listed on the letter of permission.

Overview of Academic Programs

Bachelor of Arts (Honours, Four-Year) 120 credit hours

Majors:

- Biblical and Theological Studies
- Interdisciplinary Studies

Bachelor of Arts (Major, Four-Year) 120 credit hours

Majors:

- Arts and Sciences
- Biblical and Theological Studies
- Business and Organizational Administration
- Christian Ministry
- Communications and Media
- Communications and English
- English
- Environmental Studies
- History
- Humanities
- Interdisciplinary Studies
- International Development Studies
- Mathematics
- Music
- Peace and Conflict Transformation Studies
- Philosophy
- Political Studies
- Psychology
- Social Science

Bachelor of Arts (Major, Three-Year) 90 credit hours

Majors:

- Biblical and Theological Studies
- Business and Organizational Administration
- Communications and Media
- English
- Geography
- History
- International Development Studies
- Mathematics
- Music
- Peace and Conflict Transformation Studies
- Philosophy
- Political Studies
- Psychology
- Social Science

Bachelor of Arts (General, Three-Year) 90 credit hours

Bachelor of Business Administration (Four-Year) 120 credit hours

Majors:

- Business Management
- Not-for-Profit Management
- Accounting
- Human Resources Management
- Social Entrepreneurship

Bachelor of Music (Four-Year) 124 credit hours

Bachelor of Music Therapy (Four-Year) 133 credit hours (also available as a Two-year After-Degree program)

Bachelor of Science (Major, Four-Year) 120 credit hours

Majors:

- Biology
- Mathematics

Bachelor of Science (Major, Three-Year) 90 credit hours

Majors:

- General
- Mathematics

Bachelor of Social Work (Four-Year) 120 credit hours

Certificate in General Studies, (One-year) 24 credit hours

Pre-professional Studies

A year or more at CMU could prepare students to meet the entrance requirements of the following professional faculties or schools at various universities:

Agribusiness	Law
Agriculture	Medical Lab Sciences
Agroecology	Medicine
Dental Hygiene	Nursing
Dentistry	Occupational Therapy
Diagnostic Medical Sonography, Ultrasound	Pharmacy
Education	Physical Education
Food Science	Physical Therapy
Health Sciences	Recreational Management & Community Development
Health Studies	Respiratory Therapy
Human Nutritional Science	Social Work
Kinesiology	Veterinary Sciences

Students who wish to become eligible to apply to a professional program may need to meet very specific requirements during their year(s) of study at CMU. Such students should meet with the Coordinator of Student Advising for assistance.

Common Curriculum Requirements

CMU's common curriculum ('the Commons') is designed to guide a student through their university studies, giving them meaningful touch points with the central activities and concerns of this particular university. CMU is committed not only to giving students a credential, but to inviting them into a formative experience in which they exercise their thinking within a community of real-world engagement. All undergraduate students entering the Bachelor of Arts, Bachelor of Business Administration, Bachelor of Science, Bachelor of Social Work, Bachelor of Music, and Bachelor of Music Therapy (4-year) programs in fall 2023 and following, will be required to complete the common curriculum requirements as part of their degrees. Below are the common curriculum requirements for the undergraduate programs:

INTD-1000 Ways of Knowing I

This course invites students into the heart of CMU by involving them in an interdisciplinary course that gets faculty and students thinking theologically together about an issue of current concern. This is a required course for students starting at CMU fall 2023.

Theology

Courses at CMU ask how we think and live as Christian and other religious communities: how we read, how we think, how we live. Fulfill this requirement with courses from Biblical and Theological Studies.

Sciences

CMU approaches the sciences as ways of paying attention—to solve mysteries about how the natural world works. Fulfill this requirement with courses from Biology, Chemistry, Computer Science (excepting COMP-2010 Computer Implications: Social and Ethical), Mathematics, and Physics. In addition, the following may be used to meet the science requirement:

- HIST-2000 History of Science
- PSYC-2040 Research Analysis in Psychology

Social Sciences

Courses explore scientifically the ways that we connect to others—how we think about, influence, and relate to one another. Fulfill this requirement with courses from Anthropology, Economics, Environmental Studies, Geography, Indigenous Studies, International Development Studies, Music Therapy, Peace and Conflict Transformation Studies (excepting Peace Skills), Political Studies, Psychology (excepting PSYC-2040 Research Analysis in Psychology), and Sociology. In addition, the following may be used to meet the social science requirement:

- COMM-1000 Introduction to Communications and Media
- MUSC-2700 Research in Music Education
- MUSC-3830 Psychology of Music

Humanities

Courses focus on the texts, ancient to modern, that tell us who we are, and on the events that have formed the world in which we live. Fulfill this requirement with courses from English, History, Languages, Music, Philosophy, and Religion. The following may not be used to meet the humanities requirement:

- MUSC-2700 Research in Music Education
- MUSC-3830 Psychology of Music
- Music categories
 - Individual Applied Music Studies
 - Ensembles
 - Skills
- Theatre ensemble

Anabaptist

Whether or not you are Anabaptist, this movement that gave rise to the Mennonite churches that profoundly shapes CMU. Anabaptist courses ask who we are and why we do what we do. Courses that fulfill this requirement are:

- BTS-2230 Biblical Perspectives on Peace and Justice
- BTS-2560 Anabaptist Beginnings
- BTS/HIST-2570 Anabaptism: From European to Global Reality
- BTS-2760 *The Martyrs Mirror*
- BTS/ENGL-3765 Mennonite Literature and Theology
- Topics courses that will vary from year to year.

Indigenous

CMU dwells in Treaty One territory. Courses in the Indigenous requirement offer insight into Indigenous perspectives and decolonization through Indigenous Studies and other subject areas. Courses that fulfill this requirement are:

- HIST/INDS-2040 History of Indigenous Peoples of Canada
- INDS-1050 Indigenous Peoples of Canada
- MUSC-3240 Decolonizing our Learning through Music
- PCTS-1110 Introduction to Peace and Conflict Transformation Studies
- PCTS/IDS-2443 Conflict and Development Issues in Indigenous Communities
- Topics courses that will vary from year to year.

Making

Whether you are composing a song, filming a video, or designing a business plan, Making courses involve participation in as well as reflection on creative arts and other design processes. Courses that fulfill this requirement are:

- BIOL-4380 Molecular and Cellular Laboratory Methods
- BTS-4400 The Art of Preaching
- BUSI-1010 Personal Financial Capability
- COMM-1015 Media Skills: Introduction to Digital Production
- COMM-2010 Digital Video Storytelling
- COMM-2118 Media Skills: Radio Team
- COMM-3050 Advanced Graphic Design
- ENGL-1510 Introduction to Theatre
- ENGL-2400 Creative Writing: Non-Fiction
- ENGL-2410 Creative Writing: Short Fiction

- ENGL-2420 Creative Writing: Poetry
- ENGL-3000 The History of the Book
- MUSC-1000 Music Theory I
- MUSC-2330/BTS-2331 Leading Music and Worship
- MUSC-3050 Composing and Arranging Seminar
- MUSC-3090/ENGL-3091 Songwriting: Words and Music Together
- MUSC-3150 Conducting Techniques II
- MUSC-X160 Opera Workshop
- MUSC-14XY to 46XY Individual Applied Music Studies
- PCTS-2810 History and Strategies of Nonviolence
- PCTS-3100 Models for Peace and Conflict Transformation
- PCTS-3600 Doing Peace: From Theory to Practice
- Topics courses that will vary from year to year.

Ways of Knowing II

These courses come later in the degree and take up the kinds of big questions that Ways of Knowing I begins to ask. Develop your thinking with other students from across majors. Courses that fulfill this requirement (and the former Integrative Studies requirement) are:

- BIOL-3600 Introduction to Mathematical Biology
- BIOL/PHYS-3800 Biophysics
- BTS-2580 Saints, Martyrs, and Heretics: Exploring Theological Lives
- BTS/ENGL-3765 Mennonite Literature and Theology
- COMM-3800 Christianity and the Mass Media
- HIST-3070 Emergence of a Polycentric World: A History of the Developing World I
- HIST-3080 Imperialism and Industrialization, Decolonization and Development: A History of the Developing World II
- HIST-3200 Transatlantic Conservatism
- HIST-4200 Theory and Methods of History
- IDS/ENVS/SOCI-3521 Study of Simple Living
- IDS/PCTS/POLS/SOCI-4100 Senior Seminar in Social Change
- MATH-3050 Dynamical Systems and Chaos
- MATH/PHIL-3060 Introductory Logic
- MATH-3800 Mathematical Models in Biophysics
- PCTS-3700 Ethics of Peacebuilding
- PHIL-2080 The Ethics of Love
- PHIL/BTS/ENGL-3750 Shakespeare, Philosophy, and Religion
- PSYC/PCTS-4010 Senior Seminar Identity and Intersectionality
- Topics courses that will vary from year to year.

Practica

CMU recognizes that valuable learning takes place outside of the classroom through experiences in various settings. Consequently, almost all CMU programs have practicum requirements.

Practica are supervised, structured educational opportunities that involve action, reflection, and response. Students may fulfil this requirement in and around Winnipeg, somewhere in Canada, or internationally.

Students may choose from the practica that are scheduled alongside other courses during the academic year and/or from the intensive practica that require the student to spend a specified number of weeks of concentrated time in a placement. As the academic programs section of this calendar indicates, some majors and concentrations require or recommend particular kinds of practica.

For information regarding practicum courses, see the COURSE DESCRIPTIONS section of this calendar. For information regarding recognition of previously completed service assignments, see the ACADEMIC POLICIES section of this calendar.

Academic Writing

As CMU faculty, we are active writers and researchers. We teach academic writing in our classrooms as well, viewing students as writers, too. When you study at CMU, you will encounter diverse understandings of writing and you will be engaged in the practice of writing.

In so doing, you will understand and reflect more deeply in your courses, you will contribute your own voice and arguments to CMU's intellectual community, and you will learn how to adapt your writing to reach new audiences in the academy, the workplace, and the world.

What is academic writing?

Writing is a *knowable practice* through which we engage in dialogue and relationship with *particular communities of readers*.

Writing in the academy entails moving between *writing private texts and writing public texts*.

- Private texts are written as part of our research or thought within a particular academic community.
- Public texts aim to accomplish things, to change or expand knowledge, to answer questions, or to open new questions, in a particular community.

Writing is a process, therefore, in which we encounter both our *own writerly voice, and voices other than our own*—encounters that can be agonistic, playful, argumentative, or generative. Writing is social, an activity we do with others who become co-authors, or critics, or engaged readers of our writing.

- Through the reflective work of writing, we develop and change our own thinking and practices.
- Through the social process of writing, we engage with and build on the work of others.
- Through the public work of writing, we contribute to the thinking and practice of others.

What can students expect to do in academic writing courses?

When CMU faculty teach academic writing, we engage students with core practices reflecting these understandings of writing:

- Students *learn characteristic ways of reading and writing* in particular academic disciplines and fields.

- Students *write as a way of learning and making knowledge* throughout the semester, and not only at its conclusion.
- Students *give and receive feedback on writing*, and use feedback to *revise* their work meaningfully.
- Students *learn to polish their work* so that it reads clearly and without error for a particular academic audience.
- Students *make their work public* to audiences inside (and where possible, outside) the classroom.
- Students *reflect on the process of learning to write* so that they are well-prepared to engage new audiences through writing.

Since the ability to write clearly is essential to learning, thinking, and communicating, all degree programs at CMU include an academic writing requirement.

Students will fulfil this requirement by

1. Completing the course ACWR-1010 *Writing for Academic Purposes* OR
2. Completing one course with the academic writing designation: W in the course ID.
3. Applying for an exemption on the basis of a grade of 90% in grade 12 English and an average of 90% over three grade 12 academic subjects.

Students will normally complete this requirement within their first 30 credit hours. Students who have completed a baccalaureate program at a college or university where English is the primary language of instruction will be exempted from the academic writing requirement.

Former and Transitional Core Curriculum Requirements

Students who started their degrees prior to fall 2023 will have the option to either complete the former core curriculum requirements or the transitional core requirements. This policy is in effect for all students in Bachelor of Arts, Bachelor of Business Administration, Bachelor of Science, Bachelor of Music, and Bachelor of Music Therapy (4-year). Students completing Bachelor of Music Therapy (2-year After-Degree) will be required to complete the former core curriculum requirements.

Former Core Requirements (prior to fall 2023)

Former Core Curriculum Requirements for the B.A., B.B.A., B.Sc.:

Biblical and Theological Studies—18 credit hours as follows:

One of: BTS-1110, BTS-1120, or BST-1130

One of: BTS-2000, BTS-2420, BTS/HIST-2550, BTS-2720, BTS-2740, or BTS-2750

BTS Electives —12 credit hours

Integrative Studies*—6 credit hours, including a minimum of 3 credit hours at the 3000-level or above

Humanities—6 credit hours
 Social Science—6 credit hours
 Science—6 credit hours
 Practicum—6 credit hours
 Anabaptist studies requirement**
 Academic writing requirement

Former Core Curriculum Requirements for the B.Mus. and B.M.T. (4-year and 2-year After-Degree):

Biblical and Theological Studies—15 credit hours as follows:

One of: BTS-1110, BTS-1120, or BST-1130

One of: BTS-2000, BTS-2420, BTS/HIST-2550, BTS-2720, BTS-2740, or BTS-2750

BTS Electives —9 credit hours

Church Music—6 credit hours from MUSC-2300/BTS-2301, 2310, MUSC-2320 or 2330

Integrative Studies*—3 credit hours at the 3000-level or above

Anabaptist studies requirement**

Academic writing requirement

*Ways of Knowing II courses taken fall 2023 and following will fulfill the Integrative Studies requirement in the former core curriculum.

** Anabaptist Studies courses taken fall 2023 and following will fulfill the Anabaptist Studies requirement in the former core curriculum.

Timeframe for Completion of the Former Core Requirements

CMU's *Revision or Discontinuance of an Academic Program policy* states that a student has a maximum timeframe of 6 years from the year of initial registration to complete the requirements of a program that has been discontinued. After that, a student must complete the requirements of the new common curriculum or transitional core.

Transitional Core Requirements

The transitional core incorporates many of the elements of the new common curriculum while ensuring a pathway for program completion.

Transitional Core Curriculum Requirements for the B.A., B.B.A., B.Sc.:

Intro BTS—3 credit hours

Theology (BTS)—9 credit hours

Humanities—3 credit hours

Social Science—3 credit hours

Science—6 credit hours

Ways of Knowing II*—6 credit hours

Anabaptist**, Indigenous, Making—6 credit hours from two of the three categories

Practicum—6 credit hours

Academic writing requirement

Transitional Core Curriculum Requirements for the B.Mus. and B.M.T. (4-year):

Intro BTS – 3 credit hours

Theology (BTS) and Church Music—9 credit hours
(minimum 3 credit hours of each)
Humanities—3 credit hours
Social Science—3 credit hours
Science—3 credit hours
Ways of Knowing II*—3 credit hours
Anabaptist**, Indigenous, Making—6 credit hours from
two of the three categories
Academic writing requirement

*Courses previously taken to fulfill the old Integrative Studies requirement will automatically count as fulfilling the Ways of Knowing II requirement for purposes of the transitional core.
**Courses previously taken to fulfill the old Anabaptist Studies requirement will automatically count as fulfilling the Anabaptist Studies requirement for purposes of the transitional core.

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Since course offerings in some subject fields are still quite limited at CMU, students choosing majors in these fields may find it necessary to complete some courses at the University of Manitoba, at The University of Winnipeg, or at some other university.

1. Arts and Science Major within the Bachelor of Arts

Program Chair: Tim Rogalsky, Ph.D.

This interdisciplinary major in Arts and Sciences gives students a grounding in the Arts and in the Sciences, including Biology, Physics, Chemistry, and Mathematics. It enables a flexible combination of these with other disciplines in the liberal arts, giving students opportunity to study Science within a broader liberal arts inquiry.

1.1 Arts and Sciences Major, four-year B.A.

Graduation Requirements:

120 credit hours fulfilling the program requirements as specified below

A minimum grade point average of 2.0 (C) in the courses presented for the major

A passing grade in all courses presented for graduation and a minimum grade point average of 2.0 (C) in 120 credit hours

Residency Requirements:

60 credit hours within the degree, including 12 credit hours of the last 30 credit hours in the degree program

9 credit hours of the Ways of Knowing II and Theology requirements

30 credit hours of the major requirements

Common Curriculum Requirements:

INTD-1000 Ways of Knowing I

Theology—6 credit hours

Humanities—3 credit hours

Social Science—3 credit hours

Science—6 credit hours

Practicum—6 credit hours

Anabaptist—3 credit hours

Indigenous—3 credit hours

Making—3 credit hours

Ways of Knowing II—6 credit hours

Academic writing requirement

Major Requirements:

A minimum of 66 credit hours including:

(i) An Arts Concentration of at least 30 credit hours, EITHER defined in the same way as any existing three-year major offered by CMU (excepting Mathematics) OR as defined by the student and approved by Curriculum Committee, including a minimum of 18 credit hours at the 2000-level and above, and including 6 credit hours at the 3000-level and above, AND

(ii) A Sciences Concentration, including EITHER a minimum of 36 credit hours as defined in one of the three options below OR as defined by the student and approved by the Curriculum Committee, including a minimum of 12 credit hours at the 2000-level and above.

General electives:

As required to reach a total of 120 credit hours

Pre-defined Science Concentrations:

1. Applied Mathematics—a minimum of 36 credit hours as follows:

COMP-1030 Introduction to Computer Science

MATH-1000 Basic Statistical Analysis

MATH-1020 Introduction to Calculus

MATH-1030 Calculus II

MATH-2040 Ordinary Differential Equations

MATH-2005 Vector Geometry and Linear Algebra

MATH-3050 Dynamical Systems and Chaos

PHYS-1010 Physics I: Mechanics of Movement

PHYS-1020 Physics II: Oscillations and Waves

PHYS-2010/MATH-2011 Electromagnetic Field Theory

An additional 6 credit hours in Mathematics, Physics, or Computer Science

2. Biochemistry—a minimum of 36 credit hours as follows:

BIOL-1310 Cells and Energy

BIOL-1320 Diversity of Life

BIOL-2100 Genetics of Eukaryotes and Bacteria

BIOL-2200 Microbiology

CHEM-1010 Structure and Modelling in Chemistry

CHEM-1020 Physical Chemistry

CHEM-2010 Organic Chemistry I: Structure and Function

CHEM-2020 Organic Chemistry II: Reactivity and Synthesis

CHEM-2110 Biochemistry I: Biomolecules and Metabolic Energy

CHEM-3110 Biochemistry II: Catabolism, Synthesis, and Metabolic Pathways

EITHER MATH-1020 Introduction to Calculus AND MATH-1030 Calculus II

OR PHYS-1010 Physics I: Mechanics of Movement

AND PHYS-1020 Physics II: Oscillations and Waves

3. Biology—a minimum of 36 credit hours as follows:

BIOL-1010 The Evolutionary and Ecological Revolution

BIOL-1020 The Genetic Revolution

BIOL-1310 Cells and Energy

BIOL-1320 Diversity of Life

CHEM-1010 Structure and Modelling in Chemistry

CHEM-1020 Physical Chemistry

CHEM-2010 Organic Chemistry I: Structure and Function

CHEM-2110 Biochemistry I: Biomolecules and Metabolic Energy

Plus at least 12 credit hours of upper-level biology courses, including 9 credit hours at the 2000-level (but excluding BIOL-2010) and 3 credit hours at the 3000-level.

4. Ecology—a minimum of 36 credit hours as follows:

BIOL-1010 The Evolutionary and Ecological Revolution

BIOL-1020 The Genetic Revolution

BIOL-1310 Cells and Energy

BIOL-1320 Diversity of Life
 BIOL-2510 Principles of Ecology
 BIOL-3510 Conservation Biology
 BIOL-4580 Quantitative Methods in Biology
 CHEM-1010 Structure and Modelling in Chemistry
 CHEM-1020 Physical Chemistry
 MATH-1000 Basic Statistical Analysis
 Plus at least 6 credit hours from the following:
 BIOL-2100 Genetics of Eukaryotes and Bacteria
 BIOL-2200 Microbiology
 CHEM-2110 Biochemistry I: Biomolecules and
 Metabolic Energy
 MATH-1020 Introduction to Calculus
 MATH-1030 Calculus II

5. Mathematics—The requirements for this concentration are identical to those prescribed for a three-year major, except that this concentration requires an additional 6 credit hours in electives.

Note: The concentrations described above will be recognized as minors alongside other majors in any B.A., except that the concentration in Applied Mathematic may not stand alongside a major in Mathematics and the minors in Biology and Ecology may not stand alongside a major in Environmental Studies.

Degree Regulations:

1. A course may not be used to satisfy requirements of two areas of the common curriculum or to satisfy requirements for both a major and a minor at the same time. A course may simultaneously fulfill a requirement for an area in the common curriculum and for either a major or a minor.
2. This program requires a minimum of 72 credit hours at the 2000-level or above. Thus, only 48 credit hours of 1000-level courses can count toward this program.
3. This program may include a maximum of 12 credit hours of practical skills courses (e.g., applied music, music ensemble, theatre ensemble, peace skills), and a maximum of 9 credit hours of practicum.
4. A student must earn a minimum grade of C in 6 credit hours in each of the required 1000-level courses to declare a major in this field.
5. Students who choose to define their own concentration will work in consultation with a faculty advisor to prepare a proposal for presentation to the Curriculum Committee. A proposal will consist of a list of courses and a rationale. Students should submit proposals to the Program Chair, who will submit if for consideration to the Curriculum Committee.

2. Biblical and Theological Studies, Majors or Minor within the Bachelor of Arts

Program Co-Chairs: Sunder John Boopalan, Ph.D. and Sheila Klassen-Wiebe, Ph.D.

Biblical and Theological Studies invites students to disciplined, thoughtful reflection on the Bible, on the theological traditions and history of the church, and on the experiences and practices of Christian communities around the world. Students develop skills to apply biblical and theological wisdom to contemporary personal and social issues. Students also discover ways in which they might be transformed as they reflect on how Christian faith and practise can be of service to God and the world. CMU seeks to foster dialogue between this field of inquiry and other academic disciplines, between the Anabaptist/Mennonite tradition and the diversity of Christian traditions, and between Christian thought and the variety of worldviews. Biblical and Theological Studies will prepare students for their vocation to live as Christians and for various ministries within the Church or with church-related organizations.

2.1. Biblical and Theological Studies Major, Four-year B.A. Honours

Admission Requirements:

Minimum GPA of 3.5 over 60 credit hours
 Minimum GPA of 3.5 in BTS courses
 Application in writing to the BTS Program Chair at the beginning of the third year, after completing 45 credit hours, including at least 12 credit hours in BTS

Graduation Requirements:

120 credit hours fulfilling the program requirements as specified below
 A minimum GPA of 3.5 in courses presented for the major
 A minimum GPA of 3.5 in 120 credit hours

Residency Requirements:

60 credit hours within the degree, including 12 credit hours of the last 30 credit hours in the degree program
 9 credit hours of the Ways of Knowing II and Theology requirements
 30 credit hours of the major requirements

Common Curriculum Requirements:

INTD-1000 Ways of Knowing I
 Theology—6 credit hours
 Humanities—3 credit hours
 Social Science—3 credit hours
 Science—6 credit hours
 Practicum—6 credit hours
 Anabaptist —3 credit hours

Indigenous —3 credit hours
 Making —3 credit hours
 Ways of Knowing II—6 credit hours
 Academic writing requirement

Major Requirements:

A minimum of 54 credit hours, maximum of 60 credit hours

A minimum of 30 credit hours at the 3000-level and above, including 9 credit hours at the 4000-level

One of the following:

- BTS-1110 Biblical Literature and Themes
- BTS-1120 Encountering the Bible
- BTS-1130 Introducing Jesus: An Overview of the Christian Bible

One of the following:

- BTS-2000 Christianity: A (Very) Short Introduction
- BTS-2420 Introduction to Christian Spirituality
- BTS/HIST-2550 History of Christianity
- BTS-2720 Theologies of the Global South
- BTS-2740 Christianity and Art
- BTS-2750 Introduction to Christian Ethics

Bible—12 credit hours, including 6 credit hours in each of Old and New Testament

Theology—6 credit hours

History of Christianity—6 credit hours

Practical Theology—6 credit hours

Biblical and Theological Studies electives—12 credit hours

BTS-4000 Honours Thesis

Ancillary Requirement:

Language related to field of study, ancient or modern—6 credit hours

Minor Requirement:

A minor as defined under any other subject field in this calendar

General electives:

As required to reach a total of 120 credit hours

Degree Regulations:

1. A course may not be used to satisfy requirements for two areas of the common curriculum or to satisfy requirements for both a major and a minor at the same time. A course may simultaneously fulfill a requirement for an area in the common curriculum and for either a major or a minor.
2. This program requires a minimum of 72 credit hours at the 2000-level or above. Thus, only 48 credit hours of 1000-level courses can count toward this program.
3. This program may include a maximum of 12 credit hours of practical skills courses (e.g., applied music, music ensemble, theatre ensemble, peace skills, media skills), and a maximum of 9 credit hours of practicum.
4. Students may include up to 12 credit hours within the electives of the major from the following list:
 HIST-2080 Mennonites in Europe

HIST-3100 Religion in Canadian History
 LANG-2320 Elementary Biblical Hebrew II
 RLG-1700 Religious Traditions of the World I
 RLG-1710 Religious Traditions of the World II

2.2. Biblical and Theological Studies Major, Four-year B.A.

Graduation Requirements:

120 credit hours fulfilling the program requirements as specified below

A minimum grade point average of 2.0 (C) in the courses presented for the major

A passing grade in all courses presented for graduation and a minimum grade point average of 2.0 (C) in 120 credit hours

Residency Requirements:

60 credit hours within the degree, including 12 credit hours of the last 30 credit hours in the degree program

9 credit hours of the Ways of Knowing II and Theology requirements

30 credit hours of the major requirements

Common Curriculum Requirements:

INTD-1000 Ways of Knowing I

Theology—6 credit hours

Humanities—3 credit hours

Social Science—3 credit hours

Science—6 credit hours

Practicum—6 credit hours

Anabaptist—3 credit hours

Indigenous—3 credit hours

Making—3 credit hours

Ways of Knowing II—6 credit hours

Academic writing requirement

Major Requirements:

A minimum of 48 credit hours, maximum of 54 credit hours

A minimum of 24 credit hours at the 3000-level and above, including 6 credit hours at the 4000-level

One of the following:

- BTS-1110 Biblical Literature and Themes
- BTS-1120 Encountering the Bible
- BTS-1130 Introducing Jesus: An Overview of the Christian Bible

One of the following:

- BTS-2000 Christianity: A (Very) Short Introduction
- BTS-2420 Introduction to Christian Spirituality
- BTS/HIST-2550 History of Christianity
- BTS-2720 Theologies of the Global South
- BTS-2740 Christianity and Art
- BTS-2750 Introduction to Christian Ethics

Bible—12 credit hours, including 6 credit hours in each of Old and New Testament

Theology—6 credit hours

History of Christianity—6 credit hours

Practical Theology—6 credit hours

Biblical and Theological Studies electives—12 credit hours

Minor Requirement:

A minor as defined under any other subject field in this calendar

General electives:

As required to reach a total of 120 credit hours

Degree Regulations:

1. A course may not be used to satisfy requirements for two areas of the common curriculum or to satisfy requirements for both a major and a minor at the same time. A course may simultaneously fulfill a requirement for an area in the common curriculum and for either a major or a minor.
2. This program requires a minimum of 72 credit hours at the 2000-level or above. Thus, only 48 credit hours of 1000-level courses can count toward this program.
3. This program may include a maximum of 12 credit hours of applied music, music ensemble, and theatre ensemble, and a maximum of 9 credit hours of practicum.
4. A student must earn a minimum grade of C in one of BTS-1110, 1120, or 1130, and one of: BTS-2000, 2420, 2550, 2720 or 2750, to declare a major in this field.
5. Students may include up to 12 credit hours within the electives of the major from the following list:
 - HIST-2080 Mennonites in Europe
 - HIST-3100 Religion in Canadian History
 - LANG-2320 Elementary Biblical Hebrew II
 - RLGN-1700 Religious Traditions of the World I
 - RLGN-1710 Religious Traditions of the World II

2.3. Biblical and Theological Studies Major, Three-year B.A.

Graduation Requirements:

- 90 credit hours fulfilling the program requirements as specified below
- A minimum grade point average of 2.0 (C) in the courses presented for the major
- A passing grade in all courses presented for graduation and a minimum grade point average of 2.0 (C) in 90 credit hours

Residency Requirements:

- 30 credit hours within the degree, including 12 credit hours of the last 30 credit hours in the degree program
- 9 credit hours of the Ways of Knowing II and Theology requirements
- 18 credit hours of the major requirements

Common Curriculum Requirements:

- INTD-1000 Ways of Knowing I Theology—6 credit hours
- Humanities—3 credit hours
- Social Science—3 credit hours

- Science—6 credit hours
- Practicum—6 credit hours
- Anabaptist—3 credit hours
- Indigenous—3 credit hours
- Making—3 credit hours
- Ways of Knowing II—6 credit hours
- Academic writing requirement

Major Requirements:

- A minimum of 30 credit hours, maximum of 39 credit Hours
- A minimum of 12 credit hours at the 3000-level and above
- One of the following:
 - BTS-1110 Biblical Literature and Themes
 - BTS-1120 Encountering the Bible
 - BTS-1130 Introducing Jesus: An Overview of the Christian Bible
- One of the following:
 - BTS-2000 Christianity: A (Very) Short Introduction
 - BTS-2420 Introduction to Christian Spirituality
 - BTS/HIST-2550 History of Christianity
 - BTS-2720 Theologies of the Global South
 - BTS-2740 Christianity and Art
 - BTS-2750 Introduction to Christian Ethics
- Bible—6 credit hours, including a course in each of Old and New Testament History of Christianity, Practical Theology, and Theology—12 credit hours with a minimum of 3 credit hours in each sub-field
- Biblical and Theological Studies electives—6 credit hours

Minor Requirement:

A minor as defined under any other subject field in this calendar

General electives:

As required to reach a total of 90 credit hours

Degree Regulations:

1. A course may not be used to satisfy requirements for two areas of the common curriculum or to satisfy requirements for both a major and a minor at the same time. A course may simultaneously fulfill a requirement for an area in the common curriculum and for either a major or a minor.
2. This program requires a minimum of 42 credit hours at the 2000-level or above. Thus, only 48 credit hours of 1000-level courses can count toward this program.
3. This program may include a maximum of 9 credit hours of practical skills courses (e.g., applied music, music ensemble, theatre ensemble, peace skills, media skills), and a maximum of 9 credit hours of practicum.
4. A student must earn a minimum grade of C in one of BTS-1110, 1120, or 1130, and one of: BTS-2000, 2420, 2550, 2720 or 2750, to declare a major in this field.
5. Students may include up to 6 credit hours within the electives of the major from the following list:

HIST-2080 Mennonites in Europe
 HIST-3100 Religion in Canadian History
 LANG-2320 Elementary Biblical Hebrew II
 RLG-1700 Religious Traditions of the World I
 RLG-1710 Religious Traditions of the World II

2.4. Biblical and Theological Studies Minor, Four- and Three-year B.A.

Requirements:

- A minimum of 18 credit hours
- A minimum of 12 credit hours in residence
- One of the following:
 - BTS-1110 Biblical Literature and Themes
 - BTS-1120 Encountering the Bible
 - BTS-1130 Introducing Jesus: An Overview of the Christian Bible
- One of the following:
 - BTS-2000 Christianity: A (Very) Short Introduction
 - BTS-2420 Introduction to Christian Spirituality
 - BTS/HIST-2550 History of Christianity
 - BTS-2720 Theologies of the Global South
 - BTS-2740 Christianity and Art
 - BTS-2750 Introduction to Christian Ethics
- 12 credit hours of electives in Biblical and Theological Studies

3. Programs in Biology

Program Chair: Tim Rogalsky, Ph.D.

The four-year Bachelor of Science with a major in biology provides students with a breadth and depth of knowledge in biology that spans multiple scales, from molecules to ecosystems. The CMU biology major is distinctive in that it also includes substantial coursework in the physical sciences and mathematics. This integrative approach to science provides cross-disciplinary knowledge and skills that are necessary to understand and practice biology in the 21st century. In addition, students have the opportunity to take summer field courses and courses off-campus to complete their degree, which will broaden the scope of their program and also allow them to focus on subdisciplines of interest.

As with other CMU degrees, students will take a variety of core electives in biblical and theological studies, social sciences, and humanities, to help them to think broadly, critically, and creatively about the living world as it relates to complex social, economic, and theological issues. The biology major provides a foundation for many career paths in the life sciences and beyond, or further study in diverse postgraduate and professional programs.

3.1. Bachelor of Science

3.1.1. Biology Major, Four-year B.Sc.

Admission Requirements

Track 1- Direct from High School

Must meet CMU's regular admission requirements, plus a minimum grade of 70% in three of the following grade 12 subjects: biology, chemistry, pre-calculus mathematics, physics.

Track 2 – 30 credit hours of university with a minimum GPA of 2.5(C+), including a minimum GPA of 2.5(C+) in BIOL-1010 and 1020.

Graduation Requirements:

120 credit hours fulfilling the program requirements as specified below

A minimum grade point average of 2.0 (C) in the courses presented for the major

A passing grade in all courses presented for graduation and a minimum grade point average of 2.0 (C) in 120 credit hours

Residency Requirements:

60 credit hours within the degree, including 12 credit hours of the last 30 credit hours in the degree program

9 credit hours of the Ways of Knowing II and Theology requirements

39 credit hours of the science requirements

Common Curriculum Requirements:

INTD-1000 Ways of Knowing I

Theology—6 credit hours

Humanities—3 credit hours
Social Science—3 credit hours
Science—6 credit hours
Practicum—6 credit hours
Anabaptist—3 credit hours
Indigenous—3 credit hours
Making—3 credit hours
Ways of Knowing II—6 credit hours
Academic writing requirement

Science Requirements:

Minimum of 72 credit hours

45 credit hours of Biology:

BIOL-1010 The Evolutionary and Ecological Revolution
BIOL-1020 The Genetic Revolution
BIOL-1310 Cells and Energy
BIOL-1320 Diversity of Life
BIOL-2100 Genetics of Eukaryotes and Bacteria
BIOL-2300 Cell Biology
BIOL-2510 Principles of Ecology
BIOL-4990 Senior Seminar in Evolution
3 credit hours of interdisciplinary biology
6 credit hours of Organismal Biology or Physiology
12 credit hours of biology at the 3000-level or higher

12 credit hours of Chemistry:

CHEM-1010 Structure/Modelling in Chemistry
CHEM-1020 Physical Chemistry
CHEM-2010 Organic Chemistry I
CHEM-2110 Biochemistry I: Biomolecules and Metabolic Energy

9 credit hours of Mathematics:

MATH-1000 Basic Statistical Analysis
MATH-1020 Introduction to Calculus
MATH-1030 Calculus II

6 credit hours of Physics:

PHYS-1010 Physics I: Mechanics of Movement
PHYS-1020 Physics II: Oscillations and Waves

General Electives:

As required to reach a total of 120 credit hours.

Degree Regulations:

1. A course may not be used to satisfy requirements of two areas of the common curriculum. A course may simultaneously fulfill a requirement for an area in the common curriculum and a science requirement.
2. This program requires a minimum of 72 credit hours at the 2000-level or above. Thus, only 48 credit hours of 1000-level courses can count toward this program.
3. This program may include a maximum of 12 credit hours of practical skills courses (e.g., applied music, music ensemble, theatre ensemble, peace skills), and a maximum of 9 credit hours of practicum.
4. A student must earn a minimum GPA of 2.5(C+) in BIOL-1010 and BIOL-1020 to continue in the program.

3.2. Biology, Minor within the Bachelor of Arts

Requirements:

A minimum of 18 credit hours

A minimum of 12 credit hours in residence

BIOL-1010 The Evolutionary and Ecological Revolution

BIOL-1020 The Genetic Revolution

BIOL-1310 Cells and Energy

BIOL-1320 Diversity of Life

Plus a minimum of 6 credit hours in Biology courses at the 2000-level or above.

4. Programs in Business and Organizational Administration

Program Director: Jerry Buckland, Ph.D.

Through studies in Business and Organizational Administration, students prepare for future work and service in business, church, and not-for-profit organizations. At CMU, students gain managerial and leadership skills and hone their entrepreneurial vision in a setting where a Christian worldview shapes how they understand the world and how they order their practices in the world.

Professors invite students to embrace a vision of hopeful transformation, reconciliation, and peace—a vision characterized by sustainability and wellbeing for shareholders, employees, customers, suppliers, environment, and community.

4.1. Bachelor of Business Administration, Four-year

Admission Requirements

CMU's regular admission requirements, except that High School credits must include a credit in pre-calculus math.

Graduation Requirements:

120 credit hours fulfilling the program requirements as specified below

A passing grade in all courses presented for graduation and a minimum grade point average of 2.0 (C) in 120 credit hours

Residency Requirements:

60 credit hours within the degree, including 12 credit hours of the last 30 credit hours in the degree program

9 credit hours of the Ways of Knowing II and Theology requirements

30 credit hours of the requirements in Business and Organizational Administration

Common Curriculum Requirements:

INTD-1000 Ways of Knowing I Theology—6 credit hours

Humanities—3 credit hours

Social Science—3 credit hours

Science—6 credit hours

Practicum—6 credit hours

Anabaptist—3 credit hours

Indigenous—3 credit hours

Making—3 credit hours

Ways of Knowing II—6 credit hours

Academic writing requirement

Required Courses for Business and Organizational Administration—60 credit hours

BUSI-1000 Introduction to Business and Organizational Administration

BUSI-2000 Introductory Financial Accounting

BUSI-2010 Introductory Managerial Accounting

BUSI/PSYC-2020 Organizational Behaviour

BUSI-2030 Management and Organizational Theory

BUSI/POLS-2040 Business and Labour Law

BUSI-2050 Fundamentals of Marketing

BUSI-2070 Business Ethics

BUSI/COMM-2080 Business and Organizational Communications

BUSI/COMP-3050 Management Information Systems

BUSI-3060 Operations Management

BUSI-3100 Financial Management

BUSI-3200 Human Resource Management

BUSI-4000 Christianity and the Marketplace

BUSI-4010 Strategic Management

BUSI-4020 Business and Organizational Policy

ECON-1000 Introduction to Macro-economics

ECON-1010 Introduction to Micro-economics

MATH-1000 Basic Statistical Analysis

MATH-1020 Introduction to Calculus

3 credit hours from each of the following two groups:

Group 1

BTS-2230 Biblical Perspectives on Peace and Justice

BTS-2250 Ecotheology

BTS-2750 Introduction to Christian Ethics

BTS-2800 Theology of Peace and Justice

Group 2

BTS-3110 Prophets of Israel

BTS-3240 New Testament Economics

BTS-3450 Theologies of Power

Major Requirements:

A minimum of 24 credit hours, completing one of the following four majors:

1. Business Management

BUSI/PSYC-3000 Organizational Leadership

BUSI-3400 Entrepreneurship and Small Business Management

BUSI-3500 International Business

COMM-3030 Public Relations

Additional 12 credit hours of restricted electives*

2. Not-for-Profit Management

BUSI/PSYC-3000 Organizational Leadership

BUSI-3300 Not-for-Profit Management

COMM-3030 Public Relations

IDS/PCTS-2000 The Project Cycle

IDS/PCTS-4920 Program Planning in

Development and Conflict Resolution

Additional 9 credit hours restricted electives*

3. Accounting

BUSI-3010 Intermediate Accounting: Assets

BUSI-3020 Intermediate Accounting: Liabilities and Equities

BUSI-3040/MATH-3041 Quantitative Methods in Business and Organizational Administration
The following four courses (12 credit hours) to be completed as a visiting student at another university:

BUSI-3070 Taxation
BUSI-3080 Intermediate Management Accounting
BUSI-4070 Advanced Financial Accounting
BUSI-4090 Audit and Control

Additional 3 credit hours restricted electives*

4. Human Resource Management
BUSI/PSYC-3000 Organizational Leadership
BUSI/PCTS-3240 Workplace Conflict Resolution
COMM-3030 Public Relations
PCTS-2252 Conflict and Communication
PCTS-2431 Negotiation Theory and Practice
Additional 9 credit hours of restricted electives*
5. Social Entrepreneurship
BUSI/POLS-2500 Social Entrepreneurship
BUSI-3300 Not-for-Profit Management
BUSI-3400 Entrepreneurship and Small Business Management
COMM-3030 Public Relations
ECON/IDS/POLS-2420 Ecological Economics
Additional 9 credit hours of restricted electives*

Notes:

* The restricted electives are as follow:

BUSI/POLS-2500 Social Entrepreneurship
BUSI/PSYC-3000 Organizational Leadership
BUSI-3010 Intermediate Accounting: Assets
BUSI-3020 Intermediate Accounting: Liabilities and Equities
BUSI-3040/MATH-3041 Quantitative Methods in Business and Organizational Administration
BUSI/PCTS-3240 Workplace Conflict Resolution
BUSI-3300 Not-for-Profit Management
BUSI-3400 Entrepreneurship and Small Business Management
BUSI-3500 International Business
BUSI/IDS-4030 International Microfinance
BUSI/IDS-4040 Economic Development and Microfinance Study Tour
BUSI/POLS-4050 Business in the European Union
BUSI-4060 Business in Europe Study Tour
BUSI/PCTS-4240 Workplace Conflict Resolution Systems Design
COMM-2020 Oral Communication
COMM-3020 Group Communication and Creative Process
COMM-3030 Public Relations
ECON/IDS/POLS-2420 Ecological Economics
ENVS/PCTS-2620 Ecological Peacebuilding
ENVS/IDS/GEOG-3010 Environment, Society, and Resilience
IDS/PCTS-2000 The Project Cycle
IDS-2110 Participatory Local Development

IDS/PCTS-4920 Program Planning in Development and Conflict Resolution

PCTS-2252 Conflict and Communication
PCTS-2431 Negotiation Theory and Practice
PCTS-3100 Models of Peace and Conflict Transformation

PCTS-3120 Cultures of Violence, Cultures of Peace

Additional restricted electives available at the University of Manitoba, The University of Winnipeg, or another university:

BUSI-3070 Taxation
BUSI-3080 Intermediate Management Accounting
BUSI-4070 Advanced Financial Accounting
BUSI-4080 Advanced Managerial Accounting
BUSI-4090 Audit and Control

Degree Regulations:

A course may not be used to satisfy requirements for two areas of the common curriculum at the same time. A course may simultaneously fulfill a requirement for an area in the common curriculum and for a requirement in Business and Organizational Administration.

4.2. Business and Organizational Administration, Majors and Minor within the Bachelor of Arts

4.2.1. Business and Organizational Administration Major, Four-year B.A.

Admission Requirements

CMU's regular admission requirements, except that High School credits must include a credit in either pre-calculus math or applied math.

Graduation Requirements:

120 credit hours fulfilling the program requirements as specified below
A minimum grade point average of 2.0 (C) in the courses presented for the major
A passing grade in all courses presented for graduation and a minimum grade point average of 2.0 (C) in 120 credit hours

Residency Requirements:

60 credit hours within the degree, including 12 credit hours of the last 30 credit hours in the degree program
9 credit hours of the Ways of Knowing II and Theology requirements
30 credit hours of the major requirements

Common Curriculum Requirements:

INTD-1000 Ways of Knowing I
Theology—6 credit hours
Humanities—3 credit hours
Social Science—3 credit hours
Science—6 credit hours
Practicum—6 credit hours
Anabaptist—3 credit hours

Indigenous—3 credit hours
 Making—3 credit hours
 Ways of Knowing II—6 credit hours
 Academic writing requirement

Major Requirements:

A minimum of 48 credit hours
 Required Business Courses—21 credit hours
 BUSI-1000 Introduction to Business and Organizational Administration
 BUSI-2000 Introductory Financial Accounting
 BUSI-2010 Introductory Managerial Accounting
 BUSI/PSYC-2020 Organizational Behaviour
 BUSI-2030 Management and Organizational Theory
 BUSI-2050 Fundamentals of Marketing
 BUSI-3100 Financial Management

Restricted Business Electives—12 credit hours from the following:

BUSI/POLS-2500 Social Entrepreneurship
 BUSI/PSYC-3000 Organizational Leadership
 BUSI-3010 Intermediate Accounting: Assets
 BUSI-3020 Intermediate Accounting: Liabilities and Equities
 BUSI-3060 Operations Management
 BUSI-3040/MATH-3041 Quantitative Methods in Business and Organizational Administration
 BUSI/COMP-3050 Management Information Systems
 BUSI-3200 Human Resource Management
 BUSI-3300 Not-for-Profit Management
 BUSI-3400 Entrepreneurship and Small Business Management
 BUSI-4000 Christianity and the Marketplace
 BUSI-4010 Strategic Management
 BUSI-4020 Business and Organizational Policy
 BUSI/IDS-4030 International Microfinance
 BUSI/IDS-4040 Economic Development and Microfinance Study Tour
 BUSI/POLS-4050 Business in the European Union
 BUSI-4060 Business in Europe Study Tour
 COMM-3030 Public Relations
 ECON/IDS/POLS-2420 Ecological Economics
 IDS/PCTS-2000 The Project Cycle
 IDS/PCTS-4920 Program Planning in Development and Conflict Resolution
 BUSI-2070 Business Ethics

Policy, Law and Government—6 credit hours from the following

BUSI/POLS-2040 Business and Labour Law
 BUSI-3500 International Business
 POLS-2200 Human Rights and Dignity
 POLS-2400 Comparative Politics of Development: Africa
 POLS/SOCI/PHIL-2600 Social and Political Philosophy

Electives—an additional 6 credit hours drawn from the lists above

Area Courses—3 credit hours from the following:
 BUSI/COMM-2080 Business Communications
 BUSI/PCTS-3240 Workplace Conflict Resolution
 PCTS-2252 Conflict and Communications
 PCTS-2431 Negotiation Theory and Practice
 SOCI-2020 Communities and Organizations

Ancillary Courses

ECON-1000 Introduction to Macro-economics
 ECON-1010 Introduction to Micro-economics
 MATH-1000 Basic Statistical Analysis
 6 credit hours from the following:
 BTS-2230 Biblical Perspectives on Peace and Justice
 BTS-2250 Ecotheology
 BTS-2750 Introduction to Christian Ethics
 BTS-2800 Theology of Peace and Justice
 BTS-3110 Prophets of Israel
 BTS-3240 New Testament Economics
 BTS-3450 Theologies of Power

General electives: As required to reach a total of 120 credit hours

Degree Regulations:

1. A course may not be used to satisfy requirements for two areas of the common curriculum or to satisfy requirements for both a major and a minor at the same time. A course may simultaneously fulfill a requirement for an area in the common curriculum and for either a major or a minor.
2. This program requires a minimum of 72 credit hours at the 2000-level or above. Thus, only 48 credit hours of 1000-level courses can count toward this program.
3. This program may include a maximum of 12 credit hours of practical skills courses (e.g., applied music, music ensemble, theatre ensemble, peace skills, media skills), and a maximum of 9 credit hours of practicum.
4. A student must earn a minimum grade of C in BUSI-1000 and one of ECON-1000, ECON-1010, MATH-1000, or MATH-1020 to declare a major in this field.

Additional notes regarding the major:

1. Students with weak skills in computer applications should include, as a general elective, COMP-1010 Computer Applications and Concepts.
2. Students who choose this major must complete a practicum relevant to Business and Organizational Administration.

4.2.2. Business and Organizational Administration Major, Three-year B.A.

Admission Requirements

CMU's regular admission requirements, except that High School credits must include a credit in either pre-calculus math or applied math.

Graduation Requirements:

90 credit hours fulfilling the program requirements as specified below

A minimum grade point average of 2.0 (C) in the courses presented for the major

A passing grade in all courses presented for graduation and a minimum grade point average of 2.0 (C) in 90 credit hours

Residency Requirements:

30 credit hours within the degree, including 12 credit hours of the last 30 credit hours in the degree program

9 credit hours of the Ways of Knowing II and Theology requirements

24 credit hours of the major requirements

Common Curriculum Requirements:

INTD-1000 Ways of Knowing I

Theology—6 credit hours

Humanities—3 credit hours

Social Science—3 credit hours

Science—6 credit hours

Practicum—6 credit hours

Anabaptist—3 credit hours

Indigenous—3 credit hours

Making—3 credit hours

Ways of Knowing II—6 credit hours

Academic writing requirement

Major Requirements:

A minimum of 36 credit hours

Required Business Courses—18 credit hours

BUSI-1000 Introduction to Business and Organizational Administration

BUSI-2000 Introductory Financial Accounting

BUSI-2010 Introductory Managerial Accounting

BUSI-3100 Financial Management

6 credit hours from the following:

BUSI/PSYC-2020 Organizational Behaviour

BUSI-2030 Management and Organizational Theory

BUSI-2050 Fundamentals of Marketing

Restricted Business Electives—9 credit hours from the following:

BUSI/POLS-2500 Social Entrepreneurship

BUSI/PSYC-3000 Organizational Leadership

BUSI-3010 Intermediate Accounting: Assets

BUSI-3020 Intermediate Accounting: Liabilities and Equities

BUSI-3060 Operations Management

BUSI-3040/MATH-3041 Quantitative Methods in Business and Organizational Administration

BUSI/COMP-3050 Management Information Systems

BUSI-3200 Human Resource Management

BUSI-3300 Not-for-Profit Management

BUSI-3400 Entrepreneurship and Small Business Management

BUSI-4000 Christianity and the Marketplace

BUSI-4010 Strategic Management

BUSI-4020 Business and Organizational Policy

BUSI/IDS-4030 International Microfinance

BUSI/IDS-4040 Economic Development and Microfinance Study Tour

BUSI/POLS-4050 Business in the European Union

BUSI-4060 Business in Europe Study Tour

COMM-3030 Public Relations

ECON/IDS/POLS-2420 Ecological Economics

IDS/PCTS-2000 The Project Cycle

IDS/PCTS-4920 Program Planning in Development and Conflict Resolution

BUSI-2070 Business Ethics

Policy, Law and Government—3 credit hours from the following:

BUSI/POLS-2040 Business and Labour Law

BUSI-3500 International Business

POLS-2200 Human Rights and Dignity

POLS-2400 Comparative Politics of Development: Africa

POLS/SOCI/PHIL-2600 Social and Political Philosophy

Business electives—an additional 3 credit hours drawn from the lists above

Area Courses—3 credit hours from the following:

BUSI/COMM-2080 Business Communications

BUSI/PCTS-3240 Workplace Conflict Resolution

PCTS-2252 Conflict and Communications

PCTS-2431 Negotiation Theory and Practice

SOCI-2020 Communities and Organizations

Ancillary Courses

ECON-1000 Introduction to Macro-economics

ECON-1010 Introduction to Micro-economics

MATH-1000 Basic Statistical Analysis

3 credit hours from the following:

BTS-2230 Biblical Perspectives on Peace and Justice

BTS-2250 Ecotheology

BTS-2750 Introduction to Christian Ethics

BTS-2800 Theology of Peace and Justice

BTS-3110 Prophets of Israel

BTS-3240 New Testament Economics

BTS-3450 Theologies of Power

Degree Regulations:

1. A course may not be used to satisfy requirements for two areas of the common curriculum or to satisfy requirements for both a major and a minor at the same time. A course may simultaneously fulfill a requirement for an area in the common curriculum and for either a major or a minor.
2. This program requires a minimum of 42 credit hours at the 2000-level or above. Thus, only 48 credit hours of 1000-level courses can count toward this program.
3. This program may include a maximum of 9 credit hours of practical skills courses (e.g., applied music, music

ensemble, theatre ensemble, peace skills, media skills), and a maximum of 9 credit hours of practicum.

4. A student must earn a minimum grade of C in BUSI-1000 and one of ECON-1000, ECON-1010, MATH-1000, or MATH-1020 to declare a major in this field.

Additional notes regarding the major:

1. Students with weak skills in computer applications should include, as a general elective, COMP-1010 Computer Applications and Concepts.
2. Students who choose this major must complete a practicum relevant to Business and Organizational Administration.

4.2.3. Business and Organizational Administration Minor, Four- and Three-year B.A.

Requirements:

- A minimum of 18 credit hours
- A minimum of 12 credit hours in residence
- BUSI-1000 Introduction to Business
- BUSI-2000 Introductory Financial Accounting
- 6 credit hours from the following:
 - BUSI-2010 Introductory Managerial Accounting
 - BUSI/PSYC-2020 Organizational Behaviour
 - BUSI-2030 Management and Organizational Theory
 - BUSI-2050 Fundamentals of Marketing
 - BUSI/POLS-2500 Social Entrepreneurship
- 3 credit hours from the following:
 - BUSI/PSYC-3000 Organizational Leadership
 - BUSI-3100 Financial Management
 - BUSI-3200 Human Resource Management
 - BUSI-3300 Not-for-Profit Management
 - BUSI-3400 Entrepreneurship and Small Business Management
 - BUSI-3500 International Business
- 3 credit hours from the following:
 - BUSI/PCTS-3240 Workplace Conflict Resolution
 - COMM-1000 Introduction to Communications and Media
 - ECON-1000 Introduction to Macro-economics
 - ECON-1010 Introduction to Micro-economics
 - ECON/IDS/POLS-2420 Ecological Economics
 - IDS/PCTS-2000 The Project Cycle
 - IDS/PCTS-4920 Program Planning in Development and Conflict Resolution
 - MATH-1000 Basic Statistical Analysis
 - PCTS-2252 Conflict and Communication
 - PCTS-2431 Negotiation Theory and Practice
 - PSYC-2100 Social Cognition and Influence
 - PSYC-2110 Social Relationships and Behaviour
 - PSYC/SOCI-2700 Interpersonal Communication
 - SOCI-2020 Communities and Organizations

5. Christian Ministry, Major within the Bachelor of Arts

Program Co-Chairs: Sunder John Boopalan, Ph.D. and Sheila Klassen-Wiebe, Ph.D.

5.1. Christian Ministry Major, Four-year B.A.

Graduation Requirements:

- 120 credit hours fulfilling the program requirements as specified below
- A minimum grade point average of 2.0 (C) in courses presented for the major
- A passing grade in all courses presented for graduation and a minimum grade point average of 2.0 (C) in 120 credit hours

Residency Requirements:

- 60 credit hours within the degree, including 12 credit hours of the last 30 credit hours in the degree program
- 9 credit hours of the Ways of Knowing II and Theology requirements
- 30 credit hours of the major requirements

Common Curriculum Requirements:

- INTD-1000 Ways of Knowing I Theology—6 credit hours
- Humanities—3 credit hours
- Social Science—3 credit hours
- Science—6 credit hours
- Practicum—6 credit hours
- Anabaptist—3 credit hours
- Indigenous—3 credit hours
- Making—3 credit hours
- Ways of Knowing II—6 credit hours
- Academic writing requirement

Major Requirements:

- A minimum of 48 credit hours, maximum of 54 credit hours
- A minimum of 24 credit hours at the 3000-level and above, including 6 credit hours at the 4000-level
- One of the following:
 - BTS-1110 Biblical Literature and Themes
 - BTS-1120 Encountering the Bible
 - BTS-1130 Introducing Jesus: An overview of the Christian Bible
- One of the following:
 - BTS-2000 Christianity: A (Very) Short Introduction
 - BTS-2420 Exploring Christian Spirituality
 - BTS/HIST-2550 History of Christianity
 - BTS-2720 Theologies of the Global South
 - BTS-2740 Christianity and Art
 - BTS-2750 Introduction to Christian Ethics
- Bible—12 credit hours, including 6 credit hours in each of Old and New Testament
- Theology—6 credit hours
- History of Christianity—6 credit hours

Ministry Studies – 12 credit hours from the following:
BTS-3340 Ministry Seminar
9 credit hours of practical theology courses
Biblical and Theological Studies electives—6 credit hours
Completion of the Ministry Quest Retreat – 0 credit hours

Minor Requirement:

A minor as defined under any other subject field in this calendar

General electives:

As required to reach a total of 120 credit hours

Degree Regulations:

1. A course may not be used to satisfy requirements for two areas of the common curriculum or to satisfy requirements for both a major and a minor at the same time. A course may simultaneously fulfill a requirement for an area in the common curriculum and for either a major or a minor.
2. This program requires a minimum of 72 credit hours at the 2000-level or above. Thus, only 48 credit hours of 1000-level courses can count toward this program.
3. This program may include a maximum of 12 credit hours of practical skills courses (e.g., applied music, music ensemble, theatre ensemble, peace skills, media skills), and a maximum of 9 credit hours of practicum.
4. A student must earn a minimum grade of C in one of BTS-1110, 1120, or 1130, and one of: BTS-2000, 2420, 2550, 2720 or 2750, to declare a major in this field.
6. Students may include up to 12 credit hours within the electives of the major from the following list:
 - HIST-2080 Mennonites in Europe
 - HIST-3100 Religion in Canadian History
 - LANG-2320 Elementary Biblical Hebrew II
 - RLGN-1700 Religious Traditions of the World I
 - RLGN-1710 Religious Traditions of the World II

6. Communications and Media, Majors and Minor within the Bachelor of Arts

Program Chair: David Balzer, M.A.

Through studies in Communications and Media at CMU, students enhance their human communication skills, expand their capacity to evaluate and produce stories, and engage in experiential learning with industry leaders. Students expand their creative potential, using faith-shaped thinking to examine the ways society tells stories and communicates values. At CMU, students gain the advantage of strategic industry partnerships as stepping stones into future employment through course-level projects and intensive practicum placements.

Communications and Media programs at CMU prepare students for lives of work and service as creative communicators in non-profit organizations, media industries, church, and business.

6.1. Communications and Media Major, Four-year B.A.

Graduation Requirements:

- 120 credit hours fulfilling the program requirements as specified below
- A minimum grade point average of 2.0 (C) in the courses presented for the major
- A passing grade in all courses presented for graduation and a minimum grade point average of 2.0 (C) in 120 credit hours

Residency Requirements:

- 60 credit hours within the degree, including 12 credit hours of the last 30 credit hours in the degree program
- 9 credit hours of the Ways of Knowing II and Theology requirements
- 30 credit hours of the major requirements

Common Curriculum Requirements:

- INTD-1000 Ways of Knowing I
- Theology—6 credit hours
- Humanities—3 credit hours
- Social Science—3 credit hours
- Science—6 credit hours
- Practicum—6 credit hours
- Anabaptist—3 credit hours
- Indigenous—3 credit hours
- Making—3 credit hours
- Ways of Knowing II—6 credit hours
- Academic writing requirement

Major Requirements:

- A minimum of 48 credit hours
- A minimum of 12 credit hours at the 3000 level or above

COMM-1000 Introduction to Communications and Media
 COMM-1015 Media Skills: Introduction to Digital Production
 COMM-2020 Oral Communication
 COMM-2060 Journalism: Principles and Practice OR ENGL-2400 Creative Writing: Non-Fiction
 COMM-3010 Theories of Communication in Everyday Life
 12 credit hours of courses with a COMM prefix (excluding media skills)
 9 credit hours of Area Courses (see additional notes regarding the major)
 12 credit hours of electives drawn from COMM courses, area courses, or media skills courses. A maximum of 6 credit hours of media skills credits can be included in the electives.

General Electives

As required to reach a total of 120 credit hours

Degree Regulations:

1. A course may not be used to satisfy requirements for two areas of the common curriculum or to satisfy requirements for both a major and a minor at the same time. A course may simultaneously fulfill a requirement for an area in the common curriculum and for either a major or a minor.
2. This program requires a minimum of 72 credit hours at the 2000-level or above. Thus, only 48 credit hours of 1000-level courses can count toward this program.
3. This program may include a maximum of 12 credit hours of practical skills courses (e.g., Applied music, music ensemble, theatre ensemble, peace skills, media skills), and a maximum of 9 credit hours of practicum. For students who completed PRAC-1000, this program may include a maximum of 12 credit hours of practicum provided that the practicum and practical skills does not exceed 21 credit hours.
4. A student must earn a minimum grade of C in 6 credit hours of Communications and Media, including COMM-1000 and either COMM-2020 or COMM-2060 in order to declare a major in this field.

Additional notes regarding the major:

1. Students who choose this major must complete a practicum relevant to communications and media.
2. Media skills courses have a particular emphasis on technical production and performative skills. Eligible courses include:
 - COMM-X015 Media Skills (3.0 credit hours)
 - COMM-X115 Media Skills (1.0 credit hour)
 - COMM-X116 Media Skills (2.0 credit hours)
 - COMM-2117 Media Skills: Live Audio and Videostreaming
 - COMM-2118 Media Skills: Radio Team
 - ENGL-X532 Theatre Workshop
 - MUSC-X160 Opera/Musical Theatre Workshop
 - MUSC-3010/COMM-3011 Music Production

3. Area courses are rooted in traditional disciplines as well as other interdisciplinary programs. They address issues that are directly relevant to studies in Communications and Media. Students may find their specific interests in Communications and Media reflected in courses not included among the area courses listed below. Students may apply to the Program Chair for the consideration of such courses as area courses for their programs. It is the student's responsibility to identify and fulfill any prerequisites required for area courses.

BTS-2940 Film, Faith, and Popular Culture
 BTS-4400 The Art of Preaching
 BUSI/PSYC-2020 Organizational Behaviour
 BUSI-2050 Fundamentals of Marketing
 BUSI/COMP-3050 Management Information Systems
 COMP-2010 Computer Implications: Social and Ethical
 ENGL-1040 English Literature: Narrative Film
 ENGL-1510 Introduction to Theatre
 ENGL-2140 Creative Writing: Short Fiction
 ENGL-2400 Creative Writing: Non-fiction
 ENGL-2420 Creative Writing: Poetry
 ENGL-2450 The Digital Word
 ENGL-3000 History of the Book
 ENGL-3430 Literary Non-Fiction
 HIST-2510 History of Art and Culture I: Classical to Late Medieval
 HIST-2520 History of Art and Culture II: Renaissance to the Present
 MUSC-3050 Composing and Arranging Seminar
 PCTS-2252 Conflict and Communication
 PSYC/SOCI-2700 Interpersonal Communication
 PSYC/SOCI-4030 Qualitative Inquiry in the Social Sciences
 SOCI-2030 Inter-cultural Theory and Practice
 SOCI/PHIL-3100 Ethical Living in a Technological Society
 Select topics courses that vary from year to year

6.2. Communications and Media Major, Three-year B.A.

Graduation Requirements:

90 credit hours fulfilling the program requirements as specified below
 A minimum grade point average of 2.0 (C) in the courses presented for the major
 A passing grade in all courses presented for graduation and a minimum grade point average of 2.0 (C) in 90 credit hours

Residency Requirements:

30 credit hours within the degree, including 12 credit hours of the last 30 credit hours in the degree program
 9 credit hours of the Ways of Knowing II and Theology requirements
 24 credit hours of the major requirements

Common Curriculum Requirements:

INTD-1000 Ways of Knowing I
Theology—6 credit hours
Humanities—3 credit hours
Social Science—3 credit hours
Science—6 credit hours
Practicum—6 credit hours
Anabaptist—3 credit hours
Indigenous—3 credit hours
Making—3 credit hours
Ways of Knowing II—6 credit hours
Academic writing requirement

Major Requirements:

A minimum of 36 credit hours
COMM-1000 Introduction to Communications and
Media
COMM-1015 Media Skills: Introduction to Digital
Production
COMM-2020 Oral Communication
COMM-2060 Journalism: Principles and Practice OR
ENGL-2400 Creative Writing: Non-Fiction
COMM-3010 Theories of Communication in Everyday
Life
12 credit hours of courses with a COMM prefix
(excluding media skills)
6 credit hours of Area Courses (see additional notes
regarding the major)
3 credit hours of electives drawn from COMM courses,
area courses, or media skills courses.

General Electives

As required to reach a total of 90 credit hours

Degree Regulations:

1. A course may not be used to satisfy requirements for two areas of the common curriculum or to satisfy requirements for both a major and a minor at the same time. A course may simultaneously fulfill a requirement for an area in the common curriculum and for either a major or a minor.
2. This program requires a minimum of 42 credit hours at the 2000-level or above. Thus, only 48 credit hours of 1000-level courses can count toward this program.
3. This program may include a maximum of 9 credit hours of practical skills courses (e.g., Applied music, music ensemble, theatre ensemble, peace skills, media skills), and a maximum of 9 credit hours of practicum. For students who completed PRAC-1000, this program may include a maximum of 12 credit hours of practicum provided that the practicum and practical skills do not exceed 18 credit hours.
4. A student must earn a minimum grade of C in 6 credit hours of Communications and Media, including COMM-1000 and either COMM-2020 or COMM-2060 in order to declare a major in this field.

Additional notes regarding the major:

1. Students who choose this major must complete a practicum relevant to communications and media.
2. Media skills courses have a particular emphasis on technical production and performative skills. Eligible courses include:
 - COMM-X015 Media Skills (3.0 credit hours)
 - COMM-X115 Media Skills (1.0 credit hour)
 - COMM-X116 Media Skills (2.0 credit hours)
 - COMM-2117 Media Skills: Live Audio and Videostreaming
 - COMM-2118 Media Skills: Radio Team
 - ENGL-X532 Theatre Workshop
 - MUSC-X160 Opera/Musical Theatre Workshop
 - MUSC-3010/COMM-3011 Music Production
3. Area courses are rooted in traditional disciplines as well as other interdisciplinary programs. They address issues that are directly relevant to studies in Communications and Media. Students may find their specific interests in Communications and Media reflected in courses not included among the area courses listed below. Students may apply to the Program Chair for the consideration of such courses as area courses for their programs. It is the student's responsibility to identify and fulfill any prerequisites required for area courses.
 - BTS-2940 Film, Faith, and Popular Culture
 - BTS-4400 The Art of Preaching
 - BUSI/PSYC-2020 Organizational Behaviour
 - BUSI-2050 Fundamentals of Marketing
 - BUSI/COMP-3050 Management Information Systems
 - COMP-2010 Computer Implications: Social and Ethical
 - ENGL-1040 English Literature: Narrative Film
 - ENGL-1510 Introduction to Theatre
 - ENGL-2140 Creative Writing: Short Fiction
 - ENGL-2400 Creative Writing: Non-fiction
 - ENGL-2420 Creative Writing: Poetry
 - ENGL-2450 The Digital Word
 - ENGL-3000 History of the Book
 - ENGL-3430 Literary Non-Fiction
 - HIST-2510 History of Art and Culture I: Classical to Late Medieval
 - HIST-2520 History of Art and Culture II: Renaissance to the Present
 - MUSC-3050 Composing and Arranging Seminar
 - PCTS-2252 Conflict and Communication
 - PSYC/SOCI-2700 Interpersonal Communication
 - PSYC/SOCI-4030 Qualitative Inquiry in the Social Sciences
 - SOCI/PHIL-3100 Ethical Living in a Technological Society
 - SOCI-2030 Inter-cultural Theory and PracticeSelect topics courses that vary from year to year

6.3. Communications and Media Minor, Four- and Three-year B.A.

Requirements:

- A minimum of 18 credit hours
- A minimum of 12 credit hours in residence
- COMM-1000 Introduction to Communications and Media
- 15 credit hours with a COMM prefix including a maximum of 3 credit hours in Media Skills.

7. Communications and English, Major within the Bachelor of Arts

Program Chairs: David Balzer, M.A. and Paul Dyck, Ph.D.

7.1. Communications and English Major, four-year B.A.

Graduation Requirements:

- 120 credit hours fulfilling the program requirements as specified below
- A minimum grade point average of 2.0 (C) in the courses presented for the major
- A passing grade in all courses presented for graduation and a minimum grade point average of 2.0 (C) in 120 credit hours

Residency Requirements:

- 60 credit hours within the degree, including 12 credit hours of the last 30 credit hours in the degree program
- 9 credit hours of the Ways of Knowing II and Theology requirements
- 30 credit hours of the major requirements

Common Curriculum Requirements:

- INTD-1000 Ways of Knowing I
- Theology—6 credit hours
- Humanities—3 credit hours
- Social Science—3 credit hours
- Science—6 credit hours
- Practicum—6 credit hours
- Anabaptist—3 credit hours
- Indigenous—3 credit hours
- Making—3 credit hours
- Ways of Knowing II—6 credit hours
- Academic writing requirement

Major Requirements:

- A minimum of 60 credit hours
- COMM-1000 Introduction to Communications and Media
- COMM-1015 Media Skills: Introduction to Digital Production
- COMM-3010 Theories of Communication in Everyday Life
- Communications and Media Courses—minimum 15 credit hours at the 2000-level and above. A maximum of 6 credit hours can be drawn from the Communications and Media Area Courses (see additional notes regarding the major)
- Minimum 6, maximum 9 credit hours from the following:
 - ENGL-1010 English Literature: Prose Fiction
 - ENGL-1020 English Literature: Poetry and Drama
 - ENGL-1030 Classical Literature: Homeric Gods and Heroes
 - ENGL-1040 English Literature: Narrative Film

ENGL-1050 English Literature Topics
Minimum 3 credit hours from the following:
ENGL-2400 Creative Writing: Non-Fiction
ENGL-2410 Creative Writing: Short Fiction
ENGL-2420 Creative Writing: Poetry
English Courses—15 credit hours, minimum 12 credit hours at the 2000-level and above.
Electives – 12 credit hours Communications and Media Studies or English

Degree Regulations:

1. A course may not be used to satisfy requirements for two areas of the common curriculum or to satisfy requirements for both a major and a minor at the same time. A course may simultaneously fulfill a requirement for an area in the common curriculum and for either a major or a minor.
2. This program requires a minimum of 72 credit hours at the 2000-level or above. Thus, only 48 credit hours of 1000-level courses can count toward this program.
3. This program may include a maximum of 12 credit hours of practical skills courses (e.g., Applied music, music ensemble, theatre ensemble, peace skills, media skills), and a maximum of 9 credit hours of practicum. For students who completed PRAC-1000, this program may include a maximum of 12 credit hours of practicum provided that the practicum and practical skills does not exceed 21 credit hours.
4. A student must earn a minimum grade of C in COMM-1000 and C in 3 credit hours of 1000-level English.

Additional notes regarding the major:

1. Students who choose this major must complete a practicum relevant to communications and media or English.
2. Area courses from other subject fields may have prerequisites. It is the student's responsibility to identify and fulfill those prerequisites.
3. Communications and Media area courses:
BTS-2940 Film, Faith, and Popular Culture
BTS-4400 The Art of Preaching
BUSI/PSYC-2020 Organizational Behaviour
BUSI-2050 Fundamentals of Marketing
BUSI/COMP-3050 Management Information Systems
COMP-2010 Computer Implications: Social and Ethical
HIST-2510 History of Art and Culture I: Classical to Late Medieval
HIST-2520 History of Art and Culture II: Renaissance to the Present
PCTS-2252 Conflict and Communication
PSYC/SOCI-2700 Interpersonal Communication
PSYC/SOCI-4030 Qualitative Inquiry in the Social Sciences
SOCI-2030 Inter-cultural Theory and Practice
SOCI/PHIL-3100 Ethical Living in a Technological Society
Select topics courses that vary from year to year

8. Economics, Minor within the Bachelor of Arts

Program Director: Jerry Buckland, Ph.D.

Economics is the inquiry into how societies organize themselves to provide for the material needs and wants of their members. Throughout most of human history, societies provided for the material needs of their members by hunting and gathering. The modern market economy is a relatively new development. Studies in Economics at CMU focus on assessing the strengths and weaknesses of the modern market economy to provide for the material needs and wants of the world, and also inquire how Christians should participate in that economy.

Studies in Economics prepare students for careers in business, financial services, government, and international organizations.

Requirements:

- A minimum of 18 credit hours
- A minimum of 6 credit hours in residence
- ECON-1000 Introduction to Macro-economics
- ECON-1010 Introduction to Micro-economics
- Economics electives—12 credit hours at the 2000-level or above

9. English, Majors and Minor within the Bachelor of Arts

Program Chair: Sue Sorensen, Ph.D.

Through studies in English students learn how to read and write about the most demanding and rewarding texts, texts that uncover the complexity of human life. Students learn to interpret texts, to communicate their interpretations effectively, and, in creative writing courses, to develop their own literary art.

Studies in English prepare students for careers demanding excellent communication and critical thinking skills, including journalism, media, business, law, publishing, church ministry, and teaching. The study and creation of imaginative literature makes a unique contribution to the examined Christian life by, for example, teaching sensitivity to metaphor and narrative, two elemental means by which we know of God and ourselves.

9.1. English Major, Four-Year B.A.

Graduation Requirements:

- 120 credit hours fulfilling the program requirements as specified below
- A minimum grade point average of 2.0 (C) in the courses presented for the major
- A passing grade in all courses presented for graduation and a minimum grade point average of 2.0 (C) in 120 credit hours

Residency Requirements:

- 60 credit hours within the degree, including 12 credit hours of the last 30 credit hours in the degree program
- 9 credit hours of the Ways of Knowing II and Theology requirements
- 30 credit hours of the major requirements

Common Curriculum Requirements:

- INTD-1000 Ways of Knowing I Theology—6 credit hours
- Humanities—3 credit hours
- Social Science—3 credit hours
- Science—6 credit hours
- Practicum—6 credit hours
- Anabaptist—3 credit hours
- Indigenous—3 credit hours
- Making—3 credit hours
- Ways of Knowing II—6 credit hours
- Academic writing requirement

Major Requirements:

- A minimum of 48 credit hours
- A minimum of 39 credit hours at the 2000-level and above
- 6 credit hours from the following, including minimum three-credit hours of 1010, 1020, or 1050:

ENGL-1010 English Literature: Prose Fiction
 ENGL-1020 English Literature: Poetry and Drama
 ENGL-1030 Classical Literature: Homeric Gods and Heroes

ENGL-1040 English Literature: Narrative Film
 ENGL-1050 English Literature Topics

One of the following:

ENGL-2060 Romantic and Victorian Literature
 ENGL-2070 Modernist Literature

6 credit hours in literature from before the nineteenth century drawn from the following, including at least one of ENGL-2030, 2040, and 2050:

ENGL-2030 Medieval Literature
 ENGL-2040 Renaissance Literature
 ENGL-2050 Restoration and Eighteenth-Century Literature

ENGL-3000 The History of the Book

ENGL-3010 Shakespeare

ENGL-3020 Studies in Sixteenth-Century Literature

ENGL-3030 Studies in Seventeenth-Century Literature

ENGL-3090 Studies in Medieval Literature

ENGL-3110 Milton

ENGL-4200 Revenge

PHIL/BTS/ENGL-3120 Dante: *The Divine Comedy*

And, depending on the topic, ENGL-2950, 3950, or 4950 Topics in English

English electives to reach a total of 48 credit hours for the major

General electives:

As required to reach a total of 120 credit hours

Degree Regulations:

1. A course may not be used to satisfy requirements for two areas of the common curriculum or to satisfy requirements for both a major and a minor at the same time. A course may simultaneously fulfill a requirement for an area in the common curriculum and for either a major or a minor.
2. This program requires a minimum of 72 credit hours at the 2000-level or above. Thus, only 48 credit hours of 1000-level courses can count toward this program.
3. This program may include a maximum of 12 credit hours of practical skills courses (e.g., applied music, music ensemble, theatre ensemble, peace skills, media skills), and a maximum of 9 credit hours of practicum.
4. A student must earn a minimum grade of C in two of ENGL-1010, 1020, 1030, 1040, and 1050 to declare a major in this field.

9.2. English Major, Three-Year B.A.

Graduation Requirements:

- 90 credit hours fulfilling the program requirements as specified below
- A minimum grade point average of 2.0 (C) in the courses presented for the major

A passing grade in all courses presented for graduation and a minimum grade point average of 2.0 (C) in 90 credit hours

Residency Requirements:

- 30 credit hours within the degree, including 12 credit hours of the last 30 credit hours in the degree program
- 9 credit hours of the Ways of Knowing II and Theology requirements
- 18 credit hours of the major requirements

Common Curriculum Requirements:

- INTD-1000 Ways of Knowing I
- Theology—6 credit hours
- Humanities—3 credit hours
- Social Science—3 credit hours
- Science—6 credit hours
- Practicum—6 credit hours
- Anabaptist—3 credit hours
- Indigenous—3 credit hours
- Making—3 credit hours
- Ways of Knowing II—6 credit hours
- Academic writing requirement

Major Requirements:

- A minimum of 30 credit hours:
- A minimum of 21 credit hours at the 2000-level and above
- 6 credit hours from the following, including minimum three-credit hours of 1010, 1020, or 1050:
 - ENGL-1010 English Literature: Prose Fiction
 - ENGL-1020 English Literature: Poetry and Drama
 - ENGL-1030 Classical Literature: Homeric Gods and Heroes
 - ENGL-1040 English Literature: Narrative Film
 - ENGL-1050 English Literature Topics
- One of the following:
 - ENGL-2060 Romantic and Victorian Literature
 - ENGL-2070 Modernist Literature
- 6 credit hours in literature from before the nineteenth century drawn from the following, including at least one of ENGL-2030, 2040, and 2050:
 - ENGL-2030 Medieval Literature
 - ENGL-2040 Renaissance Literature
 - ENGL-2050 Restoration and Eighteenth-Century Literature
 - ENGL-3000 The History of the Book
 - ENGL-3010 Shakespeare
 - ENGL-3020 Studies in Sixteenth-Century Literature
 - ENGL-3030 Studies in Seventeenth-Century Literature
 - ENGL-3090 Studies in Medieval Literature
 - ENGL-3110 Milton
 - ENGL-4200 Revenge
 - PHIL/BTS/ENGL-3120 Dante: *The Divine Comedy*
- And, depending on the topic, ENGL-2950, 3950, or 4950 Topics in English

English electives to reach a total of 30 credit hours for the major

General electives:

As required to reach a total of 90 credit hours.

Degree Regulations:

1. A course may not be used to satisfy requirements for two areas of the common curriculum or to satisfy requirements for both a major and a minor at the same time. A course may simultaneously fulfill a requirement for an area in the common curriculum and for either a major or a minor.
2. This program requires a minimum of 42 credit hours at the 2000-level or above. Thus, only 48 credit hours of 1000-level courses can count toward this program.
3. This program may include a maximum of 9 credit hours of practical skills courses (e.g., applied music, music ensemble, theatre ensemble, peace skills, media skills), and a maximum of 9 credit hours of practicum.
4. A student must earn a minimum grade of C in two of ENGL-1010, 1020, 1030, 1040, and 1050 to declare a major in this field.

9.3. English Minor, Four- or Three-Year B.A.

Requirements:

- A minimum of 18 credit hours
- A minimum of 12 credit hours in residence
- 6 credit hours from the following, including minimum three-credit hours of 1010, 1020, or 1050:
 - ENGL-1010 English Literature: Prose Fiction
 - ENGL-1020 English Literature: Poetry and Drama
 - ENGL-1030 Classical Literature: Homeric Gods and Heroes
 - ENGL-1040 English Literature: Narrative Film
 - ENGL-1050 English Literature Topics
- One of the following:
 - ENGL-2030 Medieval Literature
 - ENGL-2040 Renaissance Literature
 - ENGL-2050 Restoration and Eighteenth-Century Literature
- One of the following:
 - ENGL-2060 Romantic and Victorian Literature
 - ENGL-2070 Modernist Literature
- English electives—6 credit hours at the 2000-level and above

10. Environmental Studies Major within the Bachelor of Arts

Program Chair: Tim Rogalsky, Ph.D.

The Environmental Studies major at CMU equips students with interdisciplinary knowledge and skills to address pressing environmental challenges. Rooted in our Anabaptist tradition, the program spans natural sciences, social sciences, and humanities, emphasizing peace and justice in environmental contexts. Students engage in courses ranging from ecological peacebuilding to conservation biology to sustainable food systems, supported by a robust practicum experience.

This program prepares graduates for impactful careers in environmental policy, conservation, and sustainable development, fostering a deep understanding of the ecological and social dimensions of environmental issues. Graduates emerge ready to lead and serve in efforts toward ecological stewardship and community resilience.

10.1. Environmental Studies Major, Four-Year B.A.

Graduation Requirements:

- 120 credit hours fulfilling the program requirements as specified below
- A minimum grade point average of 2.0 (C) in the courses presented for the major
- A passing grade in all courses presented for graduation and a minimum grade point average of 2.0 (C) in 120 credit hours

Residency Requirements:

- 60 credit hours within the degree, including 12 credit hours of the last 30 credit hours in the degree program
- 9 credit hours of the Ways of Knowing II and Theology requirements
- 30 credit hours of the major requirements

Common Curriculum Requirements:

- INTD-1000 Ways of Knowing I Theology—6 credit hours
- Humanities—3 credit hours
- Social Science—3 credit hours
- Science—6 credit hours
- Practicum—6 credit hours
- Anabaptist—3 credit hours
- Indigenous—3 credit hours
- Making—3 credit hours
- Ways of Knowing II—6 credit hours
- Academic writing requirement

Major Requirements:

- A minimum of 69 credit hours
- A minimum of 18 credit hours at the 3000 level or higher

ENVS/GEOG-1030 Introduction to Environmental Studies

ENVS/PCTS-2620 Ecological Peacebuilding

ENVS/IDS/GEOG-3010 Environment, Society, and Resilience

Natural Sciences Foundation—18 credit hours

BIOL-1010 The Ecological and Evolutionary Revolution

BIOL-2510 Principles of Ecology

BIOL-3510 Conservation Biology

9 credit hours from the following:

BIOL-1020 The Genetic Revolution

BIOL-1310 Cells and Energy

BIOL-1320 Diversity of Life

BIOL/GEOG/IDS-2010 Introduction to Global Health

BIOL-2100 Genetics of Eukaryotes and Bacteria

BIOL-2200 Microbiology

CHEM-1010 Structure and Modelling in Chemistry

CHEM-1020 Physical Chemistry

CHEM-2010 Organic Chemistry

CHEM-2110 Biochemistry I: Biomolecules and Metabolic Energy

MATH-1020 Introduction to Calculus

MATH-1030 Calculus II

Social Sciences Foundation—12 credit hours

GEOG-1000 Introduction to Physical Geography

9 credit hours from the following:

GEOG-1010 Human Geography

ECON-2010/IDS-2011 Economics of Development

ECON/IDS/POLS-2420 Ecological Economics

IDS-1110 Introduction to International Development Studies

IDS-2110 Participatory Local Development

IDS/GEOG-2131 Rural Development

IDS/GEOG-3020 Just and Sustainable Food Systems

IDS/ENVS/SOCI-3521 Study of Simple Living

IDS/PCTS/POLS/SOC-4100 Senior Seminar in Social Change

INDS-1050 Indigenous Peoples of Canada

PCTS-1110 Introduction to Peace and Conflict Transformation Studies

PCTS/IDS-2040/POLS-2041 Global Issues

PCTS/IDS-2443 Conflict and Development Issues in Indigenous Communities

POLS-1000 Democracy & Dissent

POLS-1010 Global Politics

POLS/SOCI-2450 Degrowth and Political Ecology

POLS/COMM/SOCI-3000 Politics, Society, and Mass Media

PSYC-2110 Social Relationships and Behaviour

SOCI-1110 Introduction to Sociology

Humanities Foundation—At least 9 credit hours from the following:

- BTS-2230 Biblical Perspectives on Peace and Justice
- BTS-2250 Ecotheology
- BTS-3740 Social Issues in Christian Perspective
- ENGL-2400 Creative Writing: Non-fiction OR
- COMM-2060 Journalism: Principles and Practice
- HIST-3070 Emergence of a Polycentric World: History of the Developing World I
- HIST-3080 Imperialism and Industrialization: A History of the Developing World II
- HIST-2050 Winnipeg: Can Winter be a City?
- HIST/INDS-2040 History of Indigenous Peoples of Canada
- PHIL-1010 Task of Philosophy II
- POLS/SOCI/PHIL-2600 Social and Political Philosophy

Select topics courses pertaining to the environment or the natural world

Research Literacy—6 credit hours

- MATH-1000 Basic Statistical Analysis
- 3 credit hours from the following:
 - BIOL-4380 Molecular/Cell Laboratory Methods
 - BIOL-4580 Quantitative Research Methods in Ecology
 - PSYC-2030 Research Design in Psychology
 - PSYC/SOCI-2050 Introduction to Qualitative Research in the Social Sciences
 - PSYC/SOCI-4030 Qualitative Inquiry in the Social Sciences

Concentration—at least one of the following concentrations:

1. Natural Sciences—additional 15 credit hours:
 - An additional 6 credit hours drawn from courses listed in the Natural Sciences Foundation
 - An additional 9 credit hours of Natural Science electives (drawn from Biology, Chemistry, Computer Science, Mathematics, and Physics courses excluding BIOL-1361, BIOL-1371, MATH-1050, and the former BIOL-1360 and BIOL-1371)
 - A minimum of 12 credit hours of Natural Science courses at the 2000-level and above, and including 6 credit hours of Science courses at the 3000-level
2. Social Sciences—additional 15 credit hours:
 - An additional 9 credit hours drawn from courses listed in the Social Sciences Foundation
 - An additional 6 credit hours of Social Science electives (drawn from Anthropology, Economics, Environmental Studies, Geography, Indigenous Studies, International Development Studies, Music Therapy, Peace and Conflict Transformation Studies, Political Studies, Psychology, and Sociology courses)

A minimum of 12 credit hours of Social Science courses at the 2000-level and above, and including 6 credit hours of Social Science courses at the 3000-level

3. Humanities—additional 15 credit hours:
 - An additional 6 credit hours drawn from courses listed in the Humanities Foundation
 - An additional 9 credit hours of Humanities electives (drawn from Biblical and Theological Studies, English, History, Languages, Music, Philosophy, and Religion courses)
 - A minimum of 12 credit hours of Humanities courses at the 2000-level and above, and including 6 credit hours of Humanities courses at the 3000-level

General electives:

As required to reach a total of 120 credit hours

Degree Regulations:

1. A course may not be used to satisfy requirements for two areas of the common curriculum or to satisfy requirements for both a major and a minor at the same time. A course may simultaneously fulfill a requirement for an area in the common curriculum and for either a major or a minor.
2. This program requires a minimum of 72 credit hours at the 2000-level or above. Thus, only 48 credit hours of 1000-level courses can count toward this program.
3. This program may include a maximum of 12 credit hours of practical skills courses (e.g., applied music, music ensemble, theatre ensemble, peace skills, media skills), and a maximum of 9 credit hours of practicum.
4. A student must earn a minimum grade of C in ENVS/GEOG-1030 to declare a major in this field.

Note regarding the major:

From year to year, CMU offers new topics courses in various subject fields. The pertinent Registration Guide will indicate which of those topics courses can serve within the Environmental Studies major. Students may also submit appeals to the Curriculum Committee to have other courses not listed above included among the particular selections for their individual majors.

11. Geography, Major and Minor within the Bachelor of Arts

Program Advisor: Ray Vander Zaag, Ph.D.

The study of Geography concerns physical and human processes and interactions on the earth's surface. Physical Geography asks where and why natural phenomena (such as weather, climate, soils, landforms, vegetation types) occur as they do. Human Geography asks why human and cultural elements (such as language, population, religion, agriculture, industry and conflict) are located as they are. Investigation of the interplay between physical factors and human factors is central to the discipline.

Studies in Geography equip students to appreciate and care for creation and prepare students for careers in education, conservation, planning, and resource industries.

11.1. Geography Major, Three-year B.A.

Graduation Requirements:

90 credit hours fulfilling the program requirements as specified below

A minimum grade point average of 2.0 (C) in the courses presented for the major

A passing grade in all courses presented for graduation and a minimum grade point average of 2.0 (C) in 90 credit hours

Residency Requirements:

30 credit hours within the degree, including 12 credit hours of the last 30 credit hours in the degree program

9 credit hours of the Ways of Knowing II and Theology requirements

12 credit hours of the major requirements

Common Curriculum Requirements:

INTD-1000 Ways of Knowing I

Theology—6 credit hours

Humanities—3 credit hours

Social Science—3 credit hours

Science—6 credit hours

Practicum—6 credit hours

Anabaptist—3 credit hours

Indigenous—3 credit hours

Making—3 credit hours

Ways of Knowing II—6 credit hours

Academic writing requirement

Major Requirements:

A minimum of 30 credit hours

A minimum of 9 credit hours at the 3000-level or higher

GEOG-1000 Introduction to Physical Geography

GEOG-1010 Introduction to Human Geography

Additional physical geography—6 credit hours

Additional cultural or human geography—6 credit hours

Geography electives—12 credit hours including 6 credit hours at the 2000 level or above.

General electives:

As required to reach a total of 90 credit hours

Degree Regulations:

1. A course may not be used to satisfy requirements for two areas of the common curriculum or to satisfy requirements for both a major and a minor at the same time. A course may simultaneously fulfill a requirement for an area in the common curriculum and for either a major or a minor.
2. This program requires minimum 42 credit hours at the 2000-level or above. Thus, only 48 credit hours of 1000-level courses can count toward this program.
3. This program may include a maximum of 9 credit hours of practical skills courses (e.g., applied music, music ensemble, theatre ensemble, peace skills, media skills), and a maximum of 9 credit hours of practicum.
4. A student must earn a minimum grade of C in GEOG-1000, -1010, or ENVS/GEOG-1030 to declare a major in this field.

11.2. Geography Minor, Four- and Three-year B.A.

Requirements:

A minimum of 18 credit hours

A minimum of 6 credit hours in residence

A minimum of 6 credit hours of 1000-level courses

A minimum of 9 credit hours at the 2000-level or above

A minimum of 3 credit hours from two of the following sub-fields:

Physical Geography

Systematic Human Geography

Regional Geography

12. History, Majors and Minor within the Bachelor of Arts

Program Chair: Brian Froese, Ph.D.

The study of History enables students to understand various movements and influences that throughout time have shaped and formed the world in which they live. It explores the influence of culture, religion, politics, economics, and other forces from the emergence of written texts to the present time. It includes inquiry into the formation of western civilization as well as the formation and intersections of global civilizations. At CMU, significant attention is also given to the history of Christianity, but the courses that most specifically address this area appear under Biblical and Theological Studies.

Studies in History prepare students for careers in government, journalism, archival work, and education.

12.1. History Major, Four-year B.A.

Graduation Requirements:

- 120 credit hours fulfilling the program requirements as specified below
- A minimum grade point average of 2.0 (C) in the courses presented for the major
- A passing grade in all courses presented for graduation and a minimum grade point average of 2.0 (C) in 120 credit hours

Residency Requirements:

- 60 credit hours within the degree, including 12 credit hours of the last 30 credit hours in the degree program
- 9 credit hours of the Ways of Knowing II and Theology requirements
- 30 credit hours of the major requirements

Common Curriculum Requirements:

- INTD-1000 Ways of Knowing I Theology—6 credit hours
- Humanities—3 credit hours
- Social Science—3 credit hours
- Science—6 credit hours
- Practicum—6 credit hours
- Anabaptist—3 credit hours
- Indigenous—3 credit hours
- Making—3 credit hours
- Ways of Knowing II—6 credit hours
- Academic writing requirement

Major Requirements:

- A minimum of 48 credit hours
- A minimum of 18 credit hours at the 3000-level or higher
- A minimum of 6 credit hours of 1000-level courses
- HIST-4200 Theory and Methods of History
- HIST-4210 Senior Research Seminar in History
- Canadian History—6 credit hours

- Mennonite/Anabaptist History—3 credit hours
- North American Indigenous history—3 credit hours
- Religious History—3 credit hours
- History outside Canada, United States, or Western Europe—3 credit hours
- History Before 1400—3 credit hours
- Electives—15 credit hours

Ancillary requirement:

- Language studies—6 credit hours

General electives:

- As required to reach a total of 120 credit hours.

Degree Regulations:

1. A course may not be used to satisfy requirements for two areas of the common curriculum or to satisfy requirements for both a major and a minor at the same time. A course may simultaneously fulfill a requirement for an area in the common curriculum and for either a major or a minor.
2. This program requires a minimum of 72 credit hours at the 2000-level or above. Thus, only 48 credit hours of 1000-level courses can count toward this program.
3. This program may include a maximum of 12 credit hours of practical skills courses (e.g., applied music, music ensemble, theatre ensemble, peace skills, media skills), and a maximum of 9 credit hours of practicum.
4. A student must earn a minimum grade of C in 6 credit hours of History at the 1000 level to declare a major in this field.

Additional notes regarding the major:

1. Students may include 6 credit hours from the following:
 - BTS-4595 Topics in the History of Christianity
 - ECON-2400 History of Economic Thought: Macroeconomics
 - ECON-2410 History of Economic Thought: Microeconomics
 - MUSC-2220 Music History I
 - MUSC-2230 Music History II
 - PHIL-1000 The Task of Philosophy I: The Question of Reality
 - PHIL-1010 The Task of Philosophy II: The Question of Knowledge

12.2. History Major, Three-year B.A.

Graduation Requirements:

- 90 credit hours fulfilling the program requirements as specified below
- A minimum grade point average of 2.0 (C) in the courses presented for the major
- A passing grade in all courses presented for graduation and a minimum grade point average of 2.0 (C) in 90 credit hours

Residency Requirements:

- 30 credit hours within the degree, including 12 credit hours of the last 30 credit hours in the degree program
- 9 credit hours of the Ways of Knowing II and Theology requirements
- 18 credit hours of the major requirements

Common Curriculum Requirements:

- INTD-1000 Ways of Knowing I
- Theology—6 credit hours
- Humanities—3 credit hours
- Social Science—3 credit hours
- Science—6 credit hours
- Practicum—6 credit hours
- Anabaptist—3 credit hours
- Indigenous—3 credit hours
- Making—3 credit hours
- Ways of Knowing II—6 credit hours
- Academic writing requirement

Major Requirements:

- A minimum of 30 credit hours
- A minimum of 9 credit hours at the 3000-level or higher
- A minimum of 6 credit hours of 1000-level courses
- Canadian History—3 credit hours
- 9 credit hours from a minimum of three areas:
 - Mennonite/Anabaptist History
 - North American Indigenous History
 - Religious History
 - History outside Canada, United States, or Western Europe
 - History Before 1400
- Electives—18 credit hours

General electives:

- As required to reach a total of 90 credit hours

Degree Regulations:

1. A course may not be used to satisfy requirements for two areas of the common curriculum or to satisfy requirements for both a major and a minor at the same time. A course may simultaneously fulfill a requirement for an area in the common curriculum and for either a major or a minor.
2. This program requires a minimum of 42 credit hours at the 2000-level or above. Thus, only 48 credit hours of 1000-level courses can count toward this program.
3. This program may include a maximum of 9 credit hours of practical skills courses (e.g., applied music, music ensemble, theatre ensemble, peace skills, media skills), and a maximum of 9 credit hours of practicum.
4. A student must earn a minimum grade of C in 6 credit hours of History at the 1000 level to declare a major in this field.

Additional notes regarding the major:

1. Students may include 3 credit hours from the following:
 - BTS-4595 Topics in the History of Christianity
 - ECON-2400 History of Economic Thought: Macroeconomics
 - ECON-2410 History of Economic Thought: Microeconomics
 - MUSC-2220 Music History I
 - MUSC-2230 Music History II
 - PHIL-1000 The Task of Philosophy I: The Question of Reality
 - PHIL-1010 The Task of Philosophy II: The Question of Knowledge

12.3. History Minor, Four- or Three-Year B.A.

Requirements:

- A minimum of 18 credit hours
- A minimum of 12 credit hours in residence
- A minimum of 6 credit hours of 1000-level courses
- 12 credit hours at the 2000-level or higher

Note: Courses for the minor must be History courses, that is, their course numbers must begin with the prefix HIST.

13. Humanities, Major within the Bachelor of Arts

Program Chair: Paul Dyck, Ph.D.

This interdisciplinary major in Humanities gives students grounding in the core humanities disciplines of History, Philosophy, and English Literature. It will provide for a flexible combination of these and other humanities disciplines, enabling students to pursue humanities interests across disciplinary lines.

13.1. Humanities Major, Four-year B.A.

Graduation Requirements:

- 120 credit hours fulfilling the program requirements as specified below
- A minimum grade point average of 2.0 (C) in the courses presented for the major
- A passing grade in all courses presented for graduation and a minimum grade point average of 2.0 (C) in 120 credit hours

Residency Requirements:

- 60 credit hours within the degree, including 12 credit hours of the last 30 credit hours in the degree program
- 9 credit hours of the Ways of Knowing II and Theology requirements
- 30 credit hours of the major requirements

Common Curriculum Requirements:

- INTD-1000 Ways of Knowing I Theology—6 credit hours
- Humanities—3 credit hours
- Social Science—3 credit hours
- Science—6 credit hours
- Practicum—6 credit hours
- Anabaptist—3 credit hours
- Indigenous—3 credit hours
- Making—3 credit hours
- Ways of Knowing II—6 credit hours
- Academic writing requirement

Major Requirements:

- A minimum of 66 credit hours
- A minimum of 24 credit hours at the 3000-level or higher
- One of the following:
 - BTS-1110 Biblical Literature and Themes
 - BTS-1120 Encountering the Bible
 - BTS-1130 Introducing Jesus: An Overview of the Christian Bible
- One of the following:
 - BTS-2000 Christianity: A (Very) Short Introduction
 - BTS-2420 Exploring Christian Spirituality
 - BTS/HIST-2550 History of Christianity
 - BTS-2720 Theologies of the Global South
 - BTS-2740 Christianity and Art
 - BTS-2750 Introduction to Christian Ethics

6 credit hours from the following, including minimum three-credit hours of 1010, 1020, or 1050:

- ENGL-1010 English Literature: Prose Fiction
- ENGL-1020 English Literature: Poetry and Drama
- ENGL-1030 Classical Literature: Homeric Gods and Heroes
- ENGL-1040 English Literature: Narrative Film
- ENGL-1050 English Literature Topics
- A minimum of 6 credit hours of 1000-level courses
- HIST-2510 History of Art and Culture I: Classical to Late Medieval
- HIST-2520 History of Art and Culture II: Renaissance to the Present
- PHIL-1000 The Task of Philosophy I: The Question of Reality
- PHIL-1010 The Task of Philosophy II: The Question of Knowledge
- An additional 36 credit hours of humanities, including at least 12 credit hours in Biblical and Theological Studies

General electives:

As required to reach a total of 120 credit hours

Degree Regulations:

1. A course may not be used to satisfy requirements for two areas of the common curriculum or to satisfy requirements for both a major and a minor at the same time. A course may simultaneously fulfill a requirement for an area in the common curriculum and for either a major or a minor.
2. This program requires a minimum of 72 credit hours at the 2000-level or above. Thus, only 48 credit hours of 1000-level courses can count toward this program.
3. This program may include a maximum of 12 credit hours of practical skills courses (e.g., applied music, music ensemble, music skills, theatre ensemble, peace skills, media skills), and a maximum of 9 credit hours of practicum.
4. A student may choose a minor drawn from a subject field outside of the humanities.
6. A student must earn a minimum grade of C in each of the required courses in introductory Biblical and Theological Studies, English, History, and Philosophy to declare a major in this field.

Additional notes regarding the major:

1. For the purposes of this major, the Humanities electives can be drawn from all courses CMU offers in Biblical and Theological Studies, English, History, Languages, Philosophy, Religion Fine Arts, and Music, but excepting courses in applied music studies, music ensembles, music skills, or theatre ensembles.

14. Interdisciplinary Studies, Majors within the Bachelor of Arts

Program Chair: Paul Dyck, Ph.D.

The Interdisciplinary Studies majors allow students to develop and propose their own programs of studies, oriented around particular themes of their individual choosing. These majors invite students to combine CMU's curricular offerings in creative ways. There are three variations, all four-year, including the possibility of an Honours degree (culminating in a thesis) and a Combined major, which focuses on two main areas of study.

14.1. Interdisciplinary Studies, Student-Defined Major, Four-year, B.A., Honours

Admission Requirements

- Minimum GPA of 3.5 over 45 credit hours
- Minimum GPA of 3.5 in courses submitted for the major
- Application in writing to the Curriculum Committee by the beginning of the third year, providing a theme and a proposed list of courses for inclusion in the major with a statement demonstrating the coherence and relevance of the theme selected

Graduation Requirements:

- 120 credit hours fulfilling the program requirements as specified below
- A minimum grade point average of 3.5 (B+) in the courses presented for the major
- A minimum grade point average of 3.5 (B+) in 120 credit hours

Residency Requirements:

- 60 credit hours within the degree, including 12 credit hours of the last 30 credit hours in the degree program
- 9 credit hours of the Ways of Knowing II and Theology requirements
- 30 credit hours of the courses presented for the major

Common Curriculum Requirements:

- INTD-1000 Ways of Knowing I
- Theology—6 credit hours
- Humanities—3 credit hours
- Social Science—3 credit hours
- Science—6 credit hours
- Practicum—6 credit hours
- Anabaptist—3 credit hours
- Indigenous—3 credit hours
- Making—3 credit hours
- Ways of Knowing II—6 credit hours
- Academic writing requirement

Major Requirements:

- A minimum of 60 credit hours

A minimum of 48 credit hours at the 2000-level and above, including 30 credit hours at the 3000-level and above, of which at least 9 credit hours are at the 4000-level

A theme proposed by the student around which the courses selected for the major cohere

An Honours Thesis

General electives:

As required to reach a total of 120 credit hours

Degree Regulations:

1. A course may not be used to satisfy requirements for two areas of the common curriculum or to satisfy requirements for both a major and a minor at the same time. A course may simultaneously fulfill a requirement for an area in the common curriculum and for either a major or a minor.
2. This program requires a minimum of 72 credit hours at the 2000-level or above, including 48 credit hours at the 3000-level and above.
3. This program may include a maximum of 12 credit hours of practical skills courses (e.g., applied music, media skills, music ensemble, theatre ensemble, peace skills), and a maximum of 9 credit hours of practicum.
4. This program may include a maximum of 54 credit hours in Biblical and Theological Studies.

14.2. Interdisciplinary Studies, Student-Defined Major, Four-year B.A.

Admission Requirements

- Minimum GPA of 2.0 over 30 credit hours
- Application in writing to the Curriculum Committee by the beginning of the third year, providing a theme and a proposed list of courses for inclusion in the major with a statement demonstrating the coherence and relevance of the theme selected

Graduation Requirements:

- 120 credit hours fulfilling the program requirements as specified below
- A minimum grade point average of 2.0 (C) in the courses presented for the major
- A passing grade in all courses presented for graduation and a minimum grade point average of 2.0 (C) in 120 credit hours

Residency Requirements:

- 60 credit hours within the degree, including 12 credit hours of the last 30 credit hours in the degree program
- 9 credit hours of the Ways of Knowing II and Theology requirements
- 30 credit hours of the courses presented for the major

Common Curriculum Requirements:

- INTD-1000 Ways of Knowing I
- Theology—6 credit hours
- Humanities—3 credit hours
- Social Science—3 credit hours

Science—6 credit hours
 Practicum—6 credit hours
 Anabaptist—3 credit hours
 Indigenous—3 credit hours
 Making—3 credit hours
 Ways of Knowing II—6 credit hours
 Academic writing requirement

Major Requirements:

A minimum of 54 credit hours
 A minimum of 42 credit hours at the 2000-level and above, including 24 credit hours at the 3000-level and above, of which at least 6 credit hours are at the 4000-level
 A theme proposed by the student around which the courses selected for the major cohere

General electives:

As required to reach a total of 120 credit hours.

Degree Regulations:

1. A course may not be used to satisfy requirements for two areas of the common curriculum or to satisfy requirements for both a major and a minor at the same time. A course may simultaneously fulfill a requirement for an area in the common curriculum and for either a major or a minor.
2. This program requires a minimum of 72 credit hours at the 2000-level or above.
3. This program may include a maximum of 12 credit hours of practical skills courses (e.g., applied music, media skills, music ensemble, theatre ensemble, peace skills), and a maximum of 9 credit hours of practicum.
4. This program may include a maximum of 54 credit hours in Biblical and Theological Studies.

14.3. Interdisciplinary Studies, Combined Major, Four-year B.A.

Admission Requirements

Minimum GPA of 2.0 over 30 credit hours
 Application in writing to the Curriculum Committee by the beginning of the third year, providing a theme and a proposed list of courses for inclusion in the major with a statement demonstrating the coherence and relevance of the theme selected

Graduation Requirements:

120 credit hours fulfilling the program requirements as specified below
 A minimum grade point average of 2.0 (C) in the courses presented for the major
 A passing grade in all courses presented for graduation and a minimum grade point average of 2.0 (C) in 120 credit hours

Residency Requirements:

60 credit hours within the degree, including 12 credit hours of the last 30 credit hours in the degree program

9 credit hours of the Ways of Knowing II and Theology requirements
 30 credit hours of the courses presented for the major

Common Curriculum Requirements:

INTD-1000 Ways of Knowing I
 Theology—6 credit hours
 Humanities—3 credit hours
 Social Science—3 credit hours
 Science—6 credit hours
 Practicum—6 credit hours
 Anabaptist—3 credit hours
 Indigenous—3 credit hours
 Making—3 credit hours
 Ways of Knowing II—6 credit hours
 Academic writing requirement

Major Requirements:

A minimum of 60 credit hours, including a minimum of 24 credit hours from each of two subject fields
 A minimum of 48 credit hours at the 2000-level and above, including 24 credit hours at the 3000-level and above, of which at least 6 credit hours are at the 4000-level
 Required introductory courses from each of two subject fields

General electives:

As required to reach a total of 120 credit hours

Degree Regulations:

1. A course may not be used to satisfy requirements for two areas of the common curriculum or to satisfy requirements for both a major and a minor at the same time. A course may simultaneously fulfill a requirement for an area in the common curriculum and for either a major or a minor.
2. This program requires a minimum of 72 credit hours at the 2000-level or above.
3. This program may include a maximum of 12 credit hours of practical skills courses (e.g., applied music, media skills, music ensemble, theatre ensemble, peace skills) and a maximum of 9 credit hours of practicum.
4. This program may include a maximum of 54 credit hours in Biblical and Theological Studies.

15. International Development Studies, Majors and Minor within the Bachelor of Arts

Program Chair: Ray Vander Zaag, Ph.D.

In this interdisciplinary field of inquiry, students will explore the causes and consequences of processes that promote some individuals, communities, and nations, and exclude others. Moreover, students will examine the foundational values and worldviews of competing visions of development, including those of faith-based approaches. Student will be prepared for citizenship in an increasingly interdependent global community, and they will be encouraged to envision faithful approaches to transformational development that brings justice and peace.

The three-year IDS major has been designed for students with a general interest in international development and global justice. The four-year major has been designed for students planning long-term work with development agencies or further study and research. Students may build upon its requirements with courses that either focus on theoretical knowledge or on practical knowledge and skills.

15.1. International Development Studies Major, Four-year B.A.

Graduation Requirements:

120 credit hours fulfilling the program requirements as specified below

A minimum grade point average of 2.0 (C) in the courses presented for the major

A passing grade in all courses presented for graduation and a minimum grade point average of 2.0 (C) in 120 credit hours

Residency Requirements:

60 credit hours within the degree, including 12 credit hours of the last 30 credit hours in the degree program

9 credit hours of the Ways of Knowing II and Theology requirements

30 credit hours of the major requirements

Common Curriculum Requirements:

INTD-1000 Ways of Knowing I

Theology—6 credit hours

Humanities—3 credit hours

Social Science—3 credit hours

Science—6 credit hours

Practicum—6 credit hours

Anabaptist—3 credit hours

Indigenous—3 credit hours

Making—3 credit hours

Ways of Knowing II—6 credit hours

Academic writing requirement

Major Requirements:

A minimum of 54 credit hours

IDS-1110 Introduction to International Development Studies

9 credit hours from the following, including at least one of the first three:

ANTH-1610 Cultural Anthropology

ECON-1000 Introduction to Micro-economics

ECON-1010 Introduction to Macro-economics

ENVS/GEOG-1030 Introduction to Environmental Studies

GEOG-1010 Intro to Human Geography

HIST-1010 History of the West in Global Context II

PCTS-1110 Introduction to Peace and Conflict Transformation Studies

POLS- 1010 Global Politics

SOCI-1110 Introduction to Sociology

The following 24 credit hours:

ECON-2010/IDS-2011 Economics of Development

IDS/PCTS-2000 The Project Cycle

IDS-2110 Participatory Local Development

IDS-2171 Crisis, Humanitarian Aid, and Disaster Recovery

IDS-3111 Analysis of Development Aid Policies

IDS/PCTS/POLS/SOCI-4100 Senior Seminar in Social Change

IDS-4130 Mennonite Community and

Development OR IDS-4140 Religion and Development

PSYC/SOCI-4030 Qualitative Inquiry in the Social Sciences

Optional Courses—9 credit hours from the following:

BUSI/IDS-4030 International Microfinance

BUSI/IDS-4040 Economic Development and Microfinance Study Tour

ENVS/IDS/GEOG-3010 Environment, Society, and Resilience

IDS/GEOG-2131 Rural Development

IDS-2950 Topics in IDS

IDS/GEOG-3020 Just and Sustainable Food Systems

IDS/ENVS/SOCI-3521 Study of Simple Living

IDS-3950 Topics in IDS

IDS-4130 Mennonite Community and

Development OR IDS-4140 Religion and Development

PCTS/IDS-2040/POLS-2041 Global Issues

PCTS/IDS-2443 Conflict and Development Issues in Indigenous Communities

Area Courses—9 credit hours from the following:

BUSI/PSYC-2020 Organizational Behaviour

BUSI-2030 Management and Organizational Theory

BUSI/POLS-2500 Social Entrepreneurship

BUSI/PSYC-3000 Organizational Leadership

BUSI-3300 Not-For-Profit Management

BUSI-3500 International Business

COMM-3020 Group Communication and Creative Process
 ENVS/PCTS-2620 Ecological Peacebuilding
 HIST/INDS-2040 History of Indigenous Peoples of Canada
 PCTS-3120 Cultures of Violence, Cultures of Peace
 PCTS-3600 Doing Peace: From Theory to Practice
 PCTS-3700 Ethics of Peacebuilding
 PCTS/PHIL-3800 Whose Violence? Which Peace?
 POLS-2120 Peace and Conflict in World Politics
 POLS-2200 Human Rights and Dignity
 POLS/SOCI/PHIL-2600 Social and Political Philosophy
 POLS/COMM/SOCI-3000 Politics, Society, and Mass Media
 SOCI-2020 Communities and Organizations
 SOCI-2030 Inter-cultural Theory and Practice
 SOCI-2060 Sociology of Gender

Ancillary requirements:

Modern language—6 credit hours
 One of the following (which may also be counted within the Common curriculum above):
 BTS-2230 Biblical Perspectives on Peace & Justice
 BTS-2720 Theologies of the Global South
 BTS-2780 Political Theology
 BTS-2800 Theology of Peace and Justice
 BTS-3450 Theology of Power
 BTS-3710 Theology of Mission

General electives:

As required to reach a total of 120 credit hours

Degree Regulations:

1. A course may not be used to satisfy requirements for two areas of the common curriculum or to satisfy requirements for both a major and a minor at the same time. A course may simultaneously fulfill a requirement for an area in the common curriculum and for either a major or a minor.
2. This program requires a minimum of 72 credit hours at the 2000-level or above. Thus, only 48 credit hours of 1000-level courses can count toward this program.
3. This program may include a maximum of 12 credit hours of practical skills courses (e.g., Applied music, music ensemble, theatre ensemble, peace skills, media skills), and a maximum of 9 credit hours of practicum. For students who completed PRAC-1000, this program may include a maximum of 12 credit hours of practicum provided that the practicum and practical skills does not exceed 21 credit hours.
4. A student must earn a minimum grade of C in IDS-1110 to declare a major in this field.

Notes regarding the major:

1. The practicum must relate to the IDS major. Completion of PRAC-3810 International Development Studies Intensive Practicum, fulfills this requirement. Other options for the fulfillment of this requirement are

also available. For more details see the Director of Practica. Students must complete at least 3 credit hours of the practicum before registering for IDS/PCTS/POLS/SOCI-4100 Senior Seminar in Social Change.

2. IDS majors are encouraged to select courses from the following list in fulfilling the Biblical and Theological Studies requirements of the common curriculum:
 BTS-2230 Biblical Perspectives on Peace and Justice
 BTS-2720 Theologies of the Global South
 BTS-2780 Political Theology
 BTS-2800 Theology of Peace and Justice
 BTS-3230 Biblical Interpretation across Cultures
 BTS-3240 New Testament Economics
 BTS-3450 Theologies of Power
 BTS-3710 Theology of Mission

15.2. International Development Studies Major, Three-year B.A.

Graduation Requirements:

90 credit hours fulfilling the program requirements as specified below
 A minimum grade point average of 2.0 (C) in the courses presented for the major
 A passing grade in all courses presented for graduation and a minimum grade point average of 2.0 (C) in 90 credit hours

Residency Requirements:

30 credit hours within the degree, including 12 credit hours of the last 30 credit hours in the degree program
 9 credit hours of the Ways of Knowing II and Theology requirements
 24 credit hours of the major requirements

Common Curriculum Requirements:

INTD-1000 Ways of Knowing I Theology—6 credit hours
 Humanities—3 credit hours
 Social Science—3 credit hours
 Science—6 credit hours
 Practicum—6 credit hours
 Anabaptist—3 credit hours
 Indigenous—3 credit hours
 Making—3 credit hours
 Ways of Knowing II—6 credit hours
 Academic writing requirement

Major Requirements:

A minimum of 36 credit hours
 IDS-1110 Introduction to International Development Studies
 Three of the following, including at least one of the first three:
 ANTH-1610 Cultural Anthropology
 ECON-1000 Introduction to Micro-economics
 ECON-1010 Introduction to Macro-economics

ENVS/GEOG-1030 Introduction to Environmental Studies
 GEOG-1010 Intro to Human Geography
 HIST-1010 History of the West in Global Context II
 PCTS-1110 Introduction to Peace and Conflict Transformation Studies
 POLS-1010 Global Politics
 SOCI-1110 Introduction to Sociology

POLS/COMM/SOCI-3000 Politics, Society, and Mass Media
 PSYC/SOCI-4030 Qualitative Inquiry in the Social Sciences
 SOCI-2020 Communities and Organizations
 SOCI-2030 Inter-cultural Theory and Practice
 SOCI-2060 Sociology of Gender

The following 9 credit hours:

IDS/PCTS-2000 The Project Cycle
 IDS-2110 Participatory Local Development
 IDS-3111 An Analysis of Development Aid Policy

Optional Courses—6 credit hours from the following:

BUSI/IDS-4030 International Microfinance
 BUSI/IDS-4040 Economic Development and Microfinance Study Tour
 ECON-2010/IDS-2011 Economics of Development
 ENVS/IDS/GEOG-3010 Environment, Society, and Resilience
 IDS/GEOG-2131 Rural Development
 IDS-2171 Crisis, Humanitarian Aid, and Disaster Recovery
 IDS-2950 Topics in IDS
 IDS/GEOG-3020 Just and Sustainable Food Systems
 IDS/ENVS/SOCI-3521 Study of Simple Living
 IDS-3950 Topics in IDS
 IDS/PCTS/POLS/SOCI-4100 Senior Seminar in Social Change
 IDS-4130 Mennonite Community and Development
 IDS-4140 Religion and Development
 PCTS/IDS-2040/POLS-2041 Global Issues
 PCTS/IDS-2443 Conflict and Development Issues in Indigenous Communities

Area Courses—9 credit hours from the following:

BUSI/PSYC-2020 Organizational Behaviour
 BUSI-2030 Management and Organizational Theory
 BUSI/POLS-2500 Social Entrepreneurship
 BUSI/PSYC-3000 Organizational Leadership
 BUSI-3300 Not-For-Profit Management
 BUSI-3500 International Business
 COMM-3020 Group Communication and Creative Process
 ENVS/PCTS-2620 Ecological Peacebuilding
 HIST/INDS-2040 History of Indigenous Peoples of Canada
 PCTS-3120 Cultures of Violence, Cultures of Peace
 PCTS-3600 Doing Peace: From Theory to Practice
 PCTS-3700 Ethics of Peacebuilding
 PCTS/PHIL-3800 Whose Violence? Which Peace?
 POLS-2120 Peace and Conflict in World Politics
 POLS-2200 Human Rights and Dignity
 POLS/SOCI/PHIL-2600 Social and Political Philosophy

General electives:

As required to reach a total of 90 credit hours.

Degree Regulations:

1. A course may not be used to satisfy requirements for two areas of the common curriculum or to satisfy requirements for both a major and a minor at the same time. A course may simultaneously fulfill a requirement for an area in the common curriculum and for either a major or a minor.
2. This program requires a minimum of 42 credit hours at the 2000-level or above. Thus, only 48 credit hours of 1000-level courses can count toward this program.
3. This program may include a maximum of 9 credit hours of practical skills courses (e.g., Applied music, music ensemble, theatre ensemble, peace skills, media skills), and a maximum of 9 credit hours of practicum. For students who completed PRAC-1000, this program may include a maximum of 12 credit hours of practicum provided that the practicum and practical skills do not exceed 18 credit hours.
4. A student must earn a minimum grade of C in IDS-1110 to declare a major in this field.

Notes regarding the major:

1. The practicum must relate to the major in IDS. Completion of PRAC-3810 International Development Studies Intensive Practicum, fulfills this requirement. Other options for the fulfillment of this requirement are also available. For more details see the Director of Practica.
2. IDS majors are encouraged to select courses from the following list in fulfilling the Biblical and Theological Studies requirements of the common curriculum:
 - BTS-2230 Biblical Perspectives on Peace and Justice
 - BTS-2720 Theologies of the Global South
 - BTS-2780 Political Theology
 - BTS-2800 Theology of Peace and Justice
 - BTS-3230 Biblical Interpretation across Cultures
 - BTS-3240 New Testament Economics
 - BTS-3450 Theologies of Power
 - BTS-3710 Theology of Mission

15.3. International Development Studies Minor, Four- and Three-year B.A.

Requirements:

A minimum of 18 credit hours
 A minimum of 12 credit hours in residence
 IDS-1110 Introduction to International Development Studies

IDS-2110 Participatory Local Development
IDS-3111 An Analysis of Development Aid Policy
9 credit hours with and IDS prefix

16. Programs in Mathematics

Program Chair: Tim Rogalsky, Ph.D.

Mathematics is the language of our technological world. It lies at the heart of scientific research, engineering, and computer science. A math degree can prepare students for a career in science, industry, business, or teaching. But the study of mathematics will also assist students in developing skills beneficial for inquiry in any other disciplinary field, e.g., theology, philosophy, music, or psychology. Students learn to be precise and organized, to solve problems creatively, and to reason analytically. At CMU, a Christian worldview provides perspective on mathematical studies. We consider limitations and ethical applications of mathematics, how math can inspire awe of the Creator, and how it has informed self-understanding and theology.

16.1. Mathematics, Majors within the Bachelor of Science

16.1.1. Mathematics Major, Four-year B.Sc.

Admission Requirements

Track 1- Direct from High School

Must meet CMU's regular admission requirements, plus a minimum grade of 70% in grade 12 pre-calculus mathematics and two of the following grade 12 subjects: biology, chemistry, physics.

Track 2 – 30 credit hours of university with a minimum GPA of 2.5(C+), including a minimum GPA of 2.5(C+) in MATH-1020 and 1030.

Graduation Requirements:

120 credit hours fulfilling the program requirements as specified below

A minimum grade point average of 2.0 (C) in the courses presented for the major

A passing grade in all courses presented for graduation and a minimum grade point average of 2.0 (C) in 120 credit hours

Residency Requirements:

60 credit hours within the degree, including 12 credit hours of the last 30 credit hours in the degree program

9 credit hours of the Ways of Knowing II and Theology requirements

24 credit hours of the major requirements

Common Curriculum Requirements:

INTD-1000 Ways of Knowing I

Theology—6 credit hours

Humanities—3 credit hours

Social Science—3 credit hours

Science—6 credit hours

Practicum—6 credit hours

Anabaptist—3 credit hours

Indigenous—3 credit hours

Making—3 credit hours

Ways of Knowing II—6 credit hours
Academic writing requirement

Science Requirement

Minimum of 69 credit hours

51 credit hours of Mathematics, including a minimum of 18 credit hours at the 3000-level and above:

MATH-1000 Basic Statistical Analysis

MATH-1020 Introduction to Calculus

MATH-1030 Calculus II

Math-1040 Elements of Discrete Mathematics or
MATH-2000 Discrete Mathematics

MATH-2005 Vector Geometry and Linear Algebra

Additional calculus—6 credit hours

Additional algebra—3 credit hours

Mathematics electives—27 credit hours

9 credit hours of Science:

COMP-1030 Introduction to Computer Science I

PHYS-1010 Physics I: Mechanics of Movement

PHYS-1020 Physics II: Oscillations and Waves

Science electives (Physics, Biology, and/or Chemistry)
– 9 credit hours

General electives:

As required to reach a total of 120 credit hours.

Degree Regulations:

1. A course may not be used to satisfy requirements for two areas of the common curriculum. A course may simultaneously fulfill a requirement for an area in the common curriculum and for a science requirement.
2. This program requires a minimum of 72 credit hours at the 2000-level or above. Thus, only 48 credit hours of 1000-level courses can count toward this program.
3. This program may include a maximum of 12 credit hours of practical skills courses (e.g., applied music, music ensemble, theatre ensemble, peace skills, media skills), and a maximum of 9 credit hours of practicum.
4. A student must earn a minimum GPA of 2.5(C+) in MATH-1020 and 1030 to continue in the program.
5. For students planning to pursue graduate studies in mathematics, the following electives must be included in the degree: 6 credit hours each of algebra and real analysis; and 3 credit hours each of ordinary differential equations, numerical analysis, complex analysis, and topology.

16.1.2. Mathematics Major, Three-year B.Sc.

Admission Requirements

Track 1- Direct from High School

Must meet CMU's regular admission requirements, plus a minimum grade of 70% in grade 12 pre-calculus mathematics and two of the following grade 12 subjects: biology, chemistry, physics.

Track 2 – 30 credit hours of university with a minimum GPA of 2.5(C+), including a minimum GPA of 2.5(C+) in MATH-1020 and 1030.

Graduation Requirements:

90 credit hours fulfilling the program requirements as specified below

A minimum grade point average of 2.0 (C) in the courses presented for the major

A passing grade in all courses presented for graduation and a minimum grade point average of 2.0 (C) in 90 credit hours

Residency Requirements:

30 credit hours within the degree, including 12 credit hours of the last 30 credit hours in the degree program

9 credit hours of the Ways of Knowing II and Theology requirements

18 credit hours of the major requirements

Common Curriculum Requirements:

INTD-1000 Ways of Knowing I

Theology—6 credit hours

Humanities—3 credit hours

Social Science—3 credit hours

Science—6 credit hours

Practicum—6 credit hours

Anabaptist—3 credit hours

Indigenous—3 credit hours

Making—3 credit hours

Ways of Knowing II—6 credit hours

Academic writing requirement

Science Requirements:

Minimum of 42 credit hours

Minimum of 6 credit hours from each of two subject fields: Biology, Chemistry, and Physics, in the following list:

BIOL-1010 The Evolutionary and Ecological Revolution

BIOL-1020 The Genetic Revolution

BIOL-1310 Cells and Energy

BIOL-1320 Diversity of Life

CHEM-1010 Structure and Modelling in Chemistry

CHEM-1020 Physical Chemistry

PHYS-1010 Physics I: Mechanics of Movement

PHYS-1020 Physics II: Oscillations and Waves

Minimum 30 credit hours of Mathematics, including 6 credits at the 3000-level or higher

MATH-1000 Basic Statistical Analysis

MATH-1020 Introduction to Calculus

MATH-1030 Calculus II

Math-1040 Elements of Discrete Mathematics or
MATH-2000 Discrete Mathematics

MATH-2005 Vector Geometry and Linear Algebra

Mathematics electives—15 credit hours

General electives:

As required to reach a total of 90 credit hours.

Degree Regulations:

1. A course may not be used to satisfy requirements for two areas of the common curriculum. A course may simultaneously fulfill a requirement for an area in the common curriculum and for a science requirement.
2. This program requires a minimum of 42 credit hours at the 2000-level or above. Thus, only 48 credit hours of 1000-level courses can count toward this program.
3. This program may include a maximum of 9 credit hours of practical skills courses (e.g., applied music, music ensemble, theatre ensemble, peace skills, media skills), and a maximum of 9 credit hours of practicum.
4. A student must earn a minimum GPA of 2.5(C+) in MATH-1020 and 1030 to continue in the program.

16.2. Mathematics, Majors and Minor within the Bachelor of Arts

16.2.1. Mathematics Major, Four-year B.A.

Graduation Requirements:

- 120 credit hours fulfilling the program requirements as specified below
- A minimum grade point average of 2.0 (C) in the courses presented for the major
- A passing grade in all courses presented for graduation and a minimum grade point average of 2.0 (C) in 120 credit hours

Residency Requirements:

- 60 credit hours within the degree, including 12 credit hours of the last 30 credit hours in the degree program
- 9 credit hours of the Ways of Knowing II and Theology requirements
- 24 credit hours of the major requirements

Common Curriculum Requirements:

- INTD-1000 Ways of Knowing I Theology—6 credit hours
- Humanities—3 credit hours
- Social Science—3 credit hours
- Science—6 credit hours
- Practicum—6 credit hours
- Anabaptist—3 credit hours
- Indigenous—3 credit hours
- Making—3 credit hours
- Ways of Knowing II—6 credit hours
- Academic writing requirement

Major Requirements:

- Minimum of 48 credit hours
- Minimum of 18 credit hours at the 3000-level or above
- MATH-1020 Introduction to Calculus
- MATH-1030 Calculus II
- Math-1040 Elements of Discrete Mathematics or MATH-2000 Discrete Mathematics
- MATH-2005 Vector Geometry and Linear Algebra
- Additional calculus—6 credit hours

- Additional algebra—3 credit hours
- Mathematics electives—27 credit hours

Ancillary Requirements:

- COMP-1030 Introduction to Computer Science I
- MATH-1000 Basic Statistical Analysis
- PHYS-1010 Physics I: Mechanics of Movement

General electives:

- As required to reach a total of 120 credit hours.

Degree Regulations:

1. A course may not be used to satisfy requirements for two areas of the common curriculum or to satisfy requirements for both a major and a minor at the same time. A course may simultaneously fulfill a requirement for an area in the common curriculum and for either a major or a minor.
2. This program requires a minimum of 72 credit hours at the 2000-level or above. Thus, only 48 credit hours of 1000-level courses can count toward this program.
3. This program may include a maximum of 12 credit hours of practical skills courses (e.g., applied music, music ensemble, theatre ensemble, peace skills, media skills), and a maximum of 9 credit hours of practicum.
4. A student must earn a minimum GPA of 2.5(C+) in MATH-1020 and 1030 to declare a major in this field.

16.2.2. Mathematics Major, Three-year B.A.

Graduation Requirements:

- 90 credit hours fulfilling the program requirements as specified below
- A minimum grade point average of 2.0 (C) in the courses presented for the major
- A passing grade in all courses presented for graduation and a minimum grade point average of 2.0 (C) in 90 credit hours

Residency Requirements:

- 30 credit hours within the degree, including 12 credit hours of the last 30 credit hours in the degree program
- 9 credit hours of the Ways of Knowing II and Theology requirements
- 18 credit hours of the major requirements

Common Curriculum Requirements:

- INTD-1000 Ways of Knowing I Theology—6 credit hours
- Humanities—3 credit hours
- Social Science—3 credit hours
- Science—6 credit hours
- Practicum—6 credit hours
- Anabaptist—3 credit hours
- Indigenous—3 credit hours
- Making—3 credit hours
- Ways of Knowing II—6 credit hours
- Academic writing requirement

Major Requirements:

- A minimum of 30 credit hours
- A minimum of 6 credit hours at the 3000-level or above
- MATH-1020 Introduction to Calculus
- MATH-1030 Calculus II
- Math-1040 Elements of Discrete Mathematics or MATH-2000 Discrete Mathematics
- MATH-2005 Vector Geometry and Linear Algebra
- Mathematics electives—18 credit hours

General electives:

As required to reach a total of 90 credit hours.

Degree Regulations:

1. A course may not be used to satisfy requirements for two areas of the common curriculum or to satisfy requirements for both a major and a minor at the same time. A course may simultaneously fulfill a requirement for an area in the common curriculum and for either a major or a minor.
2. This program requires a minimum of 42 credit hours at the 2000-level or above. Thus, only 48 credit hours of 1000-level courses can count toward this program.
3. This program may include a maximum of 9 credit hours of practical skills courses (e.g., applied music, music ensemble, theatre ensemble, peace skills, media skills), and a maximum of 9 credit hours of practicum.
4. A student must earn a minimum GPA of 2.5(C+) in MATH-1020 and 1030 to declare a major in this field.

16.2.3. Mathematics Minor, Four- or Three-Year B.A.

Requirements:

- A minimum of 18 credit hours
- A minimum of 12 credit hours in residence
- A minimum of 6 credit hours at the 2000-level or above
- MATH-1020 Introduction to Calculus
- MATH-2005 Vector Geometry and Linear Algebra
- Mathematics electives—12 credit hours

17. Programs in Music

Program Chair: Neil Weisensel, M.Mus.

Music studies consist of the discipline and art of music-making along with exploration of how music serves human needs for constructive imagination, beauty, worship, and reconciliation. In addition to individual applied music studies and academic music courses, music studies at CMU include participation in a wide variety of ensembles both vocal and instrumental.

Note: All new students planning to register in Individual Applied Music Studies, whether as a minor or a major, must complete an auditioning process. Auditions occur during the spring preceding entry to studies at CMU as well as during the registration period and will require students to perform a minimum of two pieces or movements in contrasting style.

17.1. Bachelor of Music, Four-year

Bachelor of Music degrees prepare students for careers and further studies in music education, performance, musicology, music administration, and music ministry.

Admission Requirements:

Successful entrance audition on primary instrument

Graduation Requirements:

124 credit hours fulfilling the program requirements as specified below

A passing grade in all courses presented for graduation and a minimum grade point average of 2.0 (C) in 124 credit hours

Residency Requirements:

60 credit hours within the degree, including 12 credit hours of the last 30 credit hours in the degree program

9 credit hours of the Ways of Knowing II and Theology requirements

30 credit hours of the major requirements

Common Curriculum Requirements:

INTD-1000 Ways of Knowing I

Theology—3 credit hours

Church Music—3 credit hours

Humanities—3 credit hours

Social Science—3 credit hours

Science—3 credit hours

Humanities or Social Science from outside Music or Music Therapy—3 credit hours

Practicum—3 credit hours

Anabaptist—3 credit hours

Indigenous—3 credit hours

Making—3 credit hours

Ways of Knowing II—3 credit hours

Academic writing requirement

Major Requirements:

- A minimum of 72 credit hours
- Foundations—24 credit hours
 - MUSC-1000 Music Theory I
 - MUSC-1010 Music Theory II
 - MUSC-1300 Ways of Musicking I
 - MUSC-1310 Ways of Musicking II
 - MUSC-1120 Aural Skills I
 - MUSC-1121 Keyboard Skills I
 - MUSC-2000 Music Theory III
 - MUSC-2010 Music Theory IV
 - MUSC-2120 Aural Skills II
 - MUSC-2121 Keyboard Skills II
- Cultural Perspectives—15 credit hours
 - MUSC-1220 The Art of Music
 - MUSC-2260 Worlds of Music
 - MUSC-2290 Western Art Music
 6 credit hours from the following:
 - 3 credit hours at the 2000-level
 - 3 credit hours at the 3000-level or above
- Leadership—12 credit hours
 - MUSC-2150 Conducting Techniques I
 - MUSC-2330/BTS-2331 Leading Music and Worship
 - MUSC-3240 Decolonizing our Learning through Music
 3 credit hours from the following:
 - MUSC-1840 Percussion Techniques A and B
 - MUSC-2850 Percussion Techniques B
 - MUSC-3070 Private Studio Teaching Techniques
 - MUSC-3140 Vocal and Choral Techniques
 - MUSC-3860 Brass Techniques
 - MUSC-3890 Woodwind Techniques
 - MUSC-4180 Instrumental Ensemble Techniques
- Performance and Collaboration Requirements—21 credit hours
 - 12 credit hours of Individual Applied Music Studies
 - 9 credit hours of Ensemble

General electives:

As required to reach a total of 124 credit hours

Degree Regulations:

1. Students may include a maximum of 32 credit hours of ensemble and applied music credits in this program.
2. This program requires at least two years of auditioned choir (CMU Voices SA or CMU Voices TB fulfill the requirement).
3. Students must complete the 12 credit hours of Individual Applied Music Studies on one instrument in the pattern of 3 credit hours per year over four years. Any exceptions must be approved by the Program Chair.

17.2. Bachelor of Music Therapy

Music therapists use music in a skilful, systematic ways to promote positive changes in the mental, physical, emotional, or spiritual functioning of individuals and

groups. Employment opportunities for music therapists exist in mental health facilities, nursing homes, hospitals, schools, group homes and many other settings. As well, many music therapists develop their own private practices. Music therapists are expected to be accomplished and versatile musicians with a solid grounding in the study of normal and abnormal human development in addition to their music therapy skills. Above and beyond the skills and techniques of music therapy, students at CMU gain an understanding of spirituality, ethics and counselling, invaluable to a career in any care profession.

17.2.1. Bachelor of Music Therapy, Four-year

Admission Requirements:

- Application at the end of the second year in the B.Mus. degree program
- A minimum grade of B in MUSC-2010 and MUSC-2110, a minimum grade of C+ in PSYC-1010 and 1020, and a minimum grade of B+ in MUTH-2800
- A successful interview and audition
- Testing of competencies, including skills in keyboard, guitar, and voice. The results of this testing may indicate course requirements additional to those listed below

Graduation Requirements:

- 133 credit hours fulfilling the program requirements as specified below
- A passing grade in all courses presented for graduation and a minimum grade point average of 2.0 (C) in 133 credit hours

Residency Requirements:

- 60 credit hours within the degree, including 12 credit hours of the last 30 credit hours in the degree program
- 9 credit hours of the Ways of Knowing II and Theology requirements
- 30 credit hours of the music therapy requirements

Common Curriculum Requirements:

- INTD-1000 Ways of Knowing I
- Theology—3 credit hours
- Church Music—3 credit hours
- Humanities—3 credit hours
- Social Science—3 credit hours
- Science—3 credit hours
- Humanities or Social Science from outside Music or Music Therapy—3 credit hours
- Practicum—3 credit hours
- Anabaptist—3 credit hours
- Indigenous—3 credit hours
- Making—3 credit hours
- Ways of Knowing II—3 credit hours
- Academic writing requirement

Music Requirements:

- A minimum of 56 credit hours

Foundations—24 credit hours

MUSC-1000 Music Theory I
 MUSC-1010 Music Theory II
 MUSC-1300 Ways of Musicking I
 MUSC-1310 Ways of Musicking II
 MUSC-1120 Aural Skills I
 MUSC-1121 Keyboard Skills I
 MUSC-2000 Music Theory III
 MUSC-2010 Music Theory IV
 MUSC-2120 Aural Skills II
 MUSC-2121 Keyboard Skills II

Cultural Perspectives—9 credit hours:

MUSC-1220 The Art of Music
 MUSC-2290 Western Art Music
 Additional 3 credit hours at the 2000-level or above

Leadership—9 credit hours

MUSC-3240 Decolonizing our Learning through Music
 MUSC-2150 Conducting Techniques I
 MUSC-2330/BTS-2331 Leading Music and Worship

Performance and Collaboration—14 credit hours

10 credit hours of Individual Applied Music Studies
 4 credit hours of Ensemble

Research Requirement:

3 credit hours from:

MUSC-4800 Research in Music Education and Therapy
 PSYC-2030 Research Design in Psychology or SWRK-2730 Research Methods in Social Work
 PSYC/SOCI-2050 Introduction to Qualitative Research in the Social Sciences
 PSYC/SOCI-4030 Qualitative Inquiry in the Social Sciences

Music Therapy Requirements:

A minimum of 51 credit hours

MUTH-2800 Introduction to Music Therapy
 MUTH-3801 Medical Music Therapy
 MUTH-3802 Music Psychotherapy
 MUTH-3803 Developmental Music Therapy
 MUTH-3804 Humanistic Music Therapy
 MUTH-3805 Clinical Musicianship I
 MUTH-3806 Clinical Musicianship II
 MUTH-3871 Observational and Clinical Skills
 MUTH-3881 Practicum I: Foundations of Clinical Practice
 MUTH-4805 Clinical Musicianship III
 MUTH-4806 Clinical Musicianship IV
 MUTH-4870 Practicum II: Exploring the Clinical Process
 MUTH-4880 Practicum III: Senior Practicum
 MUTH-5800 Music Therapy Internship

Ancillary Requirements:

A minimum of 21 credit hours

BIOL-1360 Anatomy of the Human Body OR BIOL-1361 Human Anatomy and Physiology I
 PSYC-1010 Introduction to Psychology I: Foundations
 PSYC-1020 Introduction to Psychology II: Individuals and Interactions
 PSYC-2400 Counselling Theories
 PSYC-3400 Abnormal Psychology
 3 credit hours from Developmental Psychology area
 3 credit hours from Developmental or Health Psychology areas

Additional Music and/or Psychology Elective

Music electives—6 credit hours
 Music or Psychology elective—3 credit hours

Degree regulations:

1. Students must meet the program requirements as stipulated for the year in which they gain admission to the program.
2. A grade of a C+ is the minimum course requirement for music therapy methods and practicum courses. Continuance in the program is prohibited until the minimum grade is achieved.
3. Students must include at least 1 credit hour of a choral ensemble (MUSC-X700, X701, X702) and 1 credit hour of a small ensemble.
4. Students may include a maximum of 15 credit hours of individual applied music credits in this program.
5. Students must complete all other degree requirements before starting the internship.
6. The CMU music faculty is responsible for upholding the standards of practice of the Music Therapy profession in order to ensure client safety. Music therapists work with people in a wide range of settings, with many different abilities and challenges. Within the therapist-client relationship, it is assumed that the therapist is in a state of physical and emotional health in order to address clients' needs in clinically suitable and appropriate ways. Continuance in the Music Therapy program will be contingent on adequate level of academic, clinical, and personal competencies as assessed by CMU Music Faculty each semester.

17.2.2. Bachelor of Music Therapy, Two-year After-Degree

Admission Requirements:

A completed Bachelor of Music degree or its equivalent with a minimum GPA of 2.5
 The equivalent of PSYC-1010 Introduction to Psychology I: Foundations AND PSYC-1020 Introduction to Psychology II: Individuals and Interactions
 A successful interview and audition
 Testing of competencies, including skills in keyboard, guitar, percussion, and voice. The results of this testing may indicate course requirements additional to those listed below

Graduation Requirements:

60 credit hours fulfilling the program requirements as specified below

A passing grade in all courses presented for graduation and a minimum grade point average of 2.0 (C) in 60 credit hours

Residency Requirements:

30 credit hours of the last 42 in the degree program

12 credit hours of Music Therapy, not including the practica or the internship

Music Therapy Requirements:

A minimum of 33 credit hours

MUTH-2800 Introduction to Music Therapy

MUTH-3801 Medical Music Therapy

MUTH-3802 Music Psychotherapy

MUTH-3803 Developmental Music Therapy

MUTH-3804 Humanistic Music Therapy

MUTH-3805 Clinical Musicianship I

MUTH-3806 Clinical Musicianship II

MUTH-3871 Observational and Clinical Skills

MUTH-3881 Practicum I: Foundations of Clinical Practice

MUTH-4805 Clinical Musicianship III

MUTH-4806 Clinical Musicianship IV

MUTH-4870 Practicum II: Exploring the Clinical Process

MUTH-4880 Practicum III: Senior Practicum

MUTH-5800 Music Therapy Internship

Ancillary Requirements:

A Minimum of 27 credit hours

Ensemble/Individual Applied Music Studies—3 credit hours

Advised Electives: Indigenous, Theology, or other—6 credit hours

Research Requirement—3 credit hours from:

MUSC-4800 Research in Music Education and Therapy

PSYC-2030 Research Design in Psychology or SWRK-

2730 Research Methods in Social Work

PSYC/SOCI-2050 Introduction to Qualitative

Research in the Social Sciences

PSYC/SOCI-4030 Qualitative Inquiry in the Social Sciences

BIOL-1360 Anatomy of the Human Body OR BIOL-

1361 Human Anatomy and Physiology I

PSYC-2400 Counselling Theories

PSYC-3400 Abnormal Psychology

3 credit hours from Developmental Psychology area

3 credit hours from Developmental or Health Psychology areas

Degree regulations:

1. Students must complete all other degree requirements before starting the internship.

2. A grade of a C+ is the minimum course requirement for music therapy methods and practicum courses.

Continuance in the program is prohibited until the minimum grade is achieved.

3. Students must include 3 credit hours of individual applied music credits or ensemble on CMU campus as per audition results.

4. The advised electives are required or recommended upon admission by music therapy faculty to help each student develop their competencies. Advised electives may include but are not limited to: Indigenous, Theology, IAMS, Cultural Perspectives, Psychology, Church Music, or Ways of Knowing II. These credits must be taken in residence.

5. The CMU music faculty is responsible for upholding the standards of practice of the Music Therapy profession in order to ensure client safety. Music therapists work with people in a wide range of settings, with many different abilities and challenges. Within the therapist-client relationship, it is assumed that the therapist is in a state of physical and emotional health in order to address clients' needs in clinically suitable and appropriate ways. Continuance in the Music Therapy program will be contingent on adequate level of academic, clinical, and personal competencies as assessed by CMU Music Faculty each semester.

17.3. Music, Majors and Minor within the Bachelor of Arts

17.3.1. Music Major, Four-year B.A.

Graduation Requirements:

120 credit hours fulfilling the program requirements as specified below

A minimum grade point average of 2.0 (C) in the courses presented for the major

A passing grade in all courses presented for graduation and a minimum grade point average of 2.0 (C) in 120 credit hours

Residency Requirements:

60 credit hours within the degree, including 12 credit hours of the last 30 credit hours in the degree program

9 credit hours of the Ways of Knowing II and Theology requirements

30 credit hours of the major requirements

Common Curriculum Requirements:

INTD-1000 Ways of Knowing I

Theology—6 credit hours

Humanities—3 credit hours

Social Science—3 credit hours

Science—6 credit hours

Practicum—6 credit hours

Anabaptist—3 credit hours

Indigenous—3 credit hours

Making—3 credit hours

Ways of Knowing II—6 credit hours

Academic writing requirement

Major Requirements:

- A minimum of 51 credit hours
- Foundations—18 credit hours
 - MUSC-1000 Music Theory I
 - MUSC-1010 Music Theory II
 - MUSC-1300 Ways of Musicking I
 - MUSC-1310 Ways of Musicking II
 - MUSC-1120 Aural Skills I
 - MUSC-1121 Keyboard Skills I
- 3 credit hours from the following:
 - MUSC-2000 Music Theory III
 - MUSC-2010 Music Theory IV
 - MUSC-2120 Aural Skills II
 - MUSC-2121 Keyboard Skills II
 - MUSC-3010/COMM-3011 Music Production
- Cultural Perspectives—15 credit hours
 - MUSC-1220 The Art of Music
- 9 credit hours from the following:
 - 6 credit hours at the 2000-level or above
 - 3 credit hours at the 3000-level or above
- Leadership—6 credit hours
 - MUSC-3240 Decolonizing our Learning through Music
- 3 credit hours from the following:
 - MUSC-2150 Conducting Techniques I
 - MUSC-2330/BTS-2331 Leading Music and Worship
- Performance and Collaboration Requirements—12 credit hours
 - 6 credit hours of Individual Applied Music Studies
 - 6 credit hours of Ensemble

General electives:

As required to reach a total of 120 credit hours

Degree Regulations:

1. A course may not be used to satisfy requirements for two areas of the common curriculum or to satisfy requirements for both a major and a minor at the same time. A course may simultaneously fulfill a requirement for an area in the common curriculum and for either a major or a minor.
2. This program requires a minimum of 72 credit hours at the 2000-level or above. Thus, only 48 credit hours of 1000-level courses can count toward this program.
3. This program may include a maximum of 21 credit hours of practical skills courses (e.g., applied music, music ensemble, theatre ensemble, peace skills, media skills) within the general electives, and a maximum of 9 credit hours of practicum.
4. A student must earn a minimum grade of C in each of MUSC-1000, MUSC-1010 or MUSC-1220 to declare a major in this field.
5. A student may be admitted directly into this major at time of admission or may declare a major after completing 15 credit hours. A student must earn a minimum grade of C in each of MUSC-1000, MUSC-1220, and first year of IAMS to complete a major in this field.

17.3.2. Music Major, Three-year B.A.

Graduation Requirements:

- 90 credit hours fulfilling the program requirements as specified below
- A minimum grade point average of 2.0 (C) in the courses presented for the major
- A passing grade in all courses presented for graduation and a minimum grade point average of 2.0 (C) in 90 credit hours

Residency Requirements:

- 30 credit hours within the degree, including 12 credit hours of the last 30 credit hours in the degree program
- 9 credit hours of the Ways of Knowing II and Theology requirements
- 18 credit hours of the major requirements

Common Curriculum Requirements:

- INTD-1000 Ways of Knowing I
- Theology—6 credit hours
- Humanities—3 credit hours
- Social Science—3 credit hours
- Science—6 credit hours
- Practicum—6 credit hours
- Anabaptist—3 credit hours
- Indigenous—3 credit hours
- Making—3 credit hours
- Ways of Knowing II—6 credit hours
- Academic writing requirement

Major Requirements:

- A minimum of 33 credit hours
- Foundations—12 credit hours
 - MUSC-1000 Music Theory I
 - MUSC-1300 Ways of Musicking I
- 6 credit hours from the following:
 - MUSC-1310 Ways of Musicking II
 - MUSC-1010 Music Theory II
 - MUSC-1120 Aural Skills I
 - MUSC-1121 Keyboard Skills I
 - MUSC-2000 Music Theory III
 - MUSC-2120 Aural Skills II
 - MUSC-3010/COMM-3011 Music Production
- Cultural Perspectives—9 credit hours
 - MUSC-1220 The Art of Music
- 6 credit hours from the following:
 - 3 credit hours at the 2000-level
 - 3 credit hours at the 3000-level or above
- Leadership—6 credit hours
 - MUSC-3240 Decolonizing our Learning through Music
- 3 credit hours from the following:
 - MUSC-2150 Conducting Techniques I
 - MUSC-2330/BTS-2331 Leading Music and Worship

Performance and Collaboration Requirements—6 credit hours

- 3 credit hours of Individual Applied Music Studies
- 3 credit hours of Ensemble

General electives:

As required to reach a total of 90 credit hours

Degree Regulations:

1. A course may not be used to satisfy requirements for two areas of the common curriculum or to satisfy requirements for both a major and a minor at the same time. A course may simultaneously fulfill a requirement for an area in the common curriculum and for either a major or a minor.
2. This program requires minimum 42 credit hours at the 2000-level or above. Thus, only 48 credit hours of 1000-level courses can count toward this program.
3. This program may include a maximum of 15 credit hours of practical skills courses (e.g., applied music, music ensemble, theatre ensemble, peace skills, media skills) within the general electives, and a maximum of 9 credit hours of practicum.
4. A student may be admitted directly into this major at time of admission or may declare a major after completing 15 credit hours. A student must earn a minimum grade of C in each of MUSC-1000, MUSC-1220, and first year of IAMS to complete a major in this field.

17.3.3. Music Minor, Four- and Three-year B.A.

Requirements:

- A minimum of 18 credit hours
- A minimum of 12 credit hours in residence
- MUSC-1000 Music Theory I or MUSC-3010/COMM-3011 Music Production
- MUSC-1220 The Art of Music
- 3 credit hours of ensembles or applied music studies.
- Music electives— 9 credit hours, including a minimum of 6 credit hours at the 2000-level or above.
- Music electives cannot be fulfilled using ensemble or applied music credits.

18. Peace and Conflict Transformation Studies, Majors and Minor within the Bachelor of Arts

Program Chair: Wendy Kroeker, Ph.D.

In this interdisciplinary field, students will gain an understanding of the nature and dynamics of human conflict and will consider alternative ways of dealing with conflict that develop healthy relationships and prevent violence. Conflicts, from interpersonal to international, are analyzed from an interdisciplinary perspective together with topics such as violence, power, justice, peace, communication, culture, conflict transformation, and dispute resolution.

Studies in Peace and Conflict Transformation will prepare students to understand and interact constructively in response to personal, local, and global conflict situations.

18.1. Peace and Conflict Transformation Studies Major, Four-year B.A.

Graduation Requirements:

- 120 credit hours fulfilling the program requirements as specified below
- A minimum grade point average of 2.0 (C) in the courses presented for the major
- A passing grade in all courses presented for graduation and a minimum grade point average of 2.0 (C) in 120 credit hours

Residency Requirements:

- 60 credit hours within the degree, including 12 credit hours of the last 30 credit hours in the degree program
- 9 credit hours of the Ways of Knowing II and Theology requirements
- 30 credit hours of the major requirements

Common Curriculum Requirements:

- INTD-1000 Ways of Knowing I
- Theology—6 credit hours
- Humanities—3 credit hours
- Social Science—3 credit hours
- Science—6 credit hours
- Practicum—6 credit hours
- Anabaptist—3 credit hours
- Indigenous—3 credit hours
- Making—3 credit hours
- Ways of Knowing II—6 credit hours
- Academic writing requirement

Major Requirements:

- A minimum of 48 credit hours
- 36 credit hours required at the 2000-level and above
- IDS/PCTS/POLS/SOCI-4100 Senior Seminar in Social Change

PCTS-1110 Introduction to Peace and Conflict Transformation
 PCTS-3100 Models for Peace and Conflict Transformation
 PCTS-3120 Cultures of Violence, Cultures of Peace
 Peace Skills courses—3 credit hours
 Two of the following:
 ANTH-1610 Cultural Anthropology
 ENVS/GEOG-1030 Introduction to Environmental Studies
 IDS-1110 Introduction to International Development Studies
 INDS- 1050 Indigenous Peoples of Canada
 POLS-1000 Democracy and Dissent
 POLS-1010 Global Politics
 PSYC-1010 Intro to Psychology I: Foundations
 PSYC-1020 Intro to Psychology II: Individuals and Interaction
 SOCI-1110 Introduction to Sociology

One of the following:
 PSYC-2030 Research Design in Psychology
 PSYC/SOCI-2050 Introduction to Qualitative Research in the Social Sciences
 PSYC/SOCI-4030 Qualitative Inquiry in the Social Sciences
 12 credit hours of courses with a PCTS prefix (excluding Peace Skills courses)
 6 credit hours of Area Courses (see additional notes regarding the major)
 6 credit hours of electives drawn from PCTS-prefix courses, Introduction courses, Area Courses, or Peace Skills courses. A maximum of 3 credit hours of Peace Skills credits can be included in the electives.

General electives:

As required to reach a total of 120 credit hours

Degree Regulations:

1. A course may not be used to satisfy requirements for two areas of the common curriculum or to satisfy requirements for both a major and a minor at the same time. A course may simultaneously fulfill a requirement for an area in the common curriculum and for either a major or a minor.
2. This program requires a minimum of 72 credit hours at the 2000-level or above. Thus, only 48 credit hours of 1000-level courses can count toward this program.
3. This program may include a maximum of 12 credit hours of practical skills courses (e.g., Applied music, music ensemble, theatre ensemble, peace skills, media skills), and a maximum of 9 credit hours of practicum. For students who completed PRAC-1000, this program may include a maximum of 12 credit hours of practicum provided that the practicum and practical skills does not exceed 21 credit hours.
4. A student must earn a minimum grade of C in PCTS-1110 to declare a major in this field.

Additional notes regarding the major:

1. The list of Peace Skills workshops identifies examples of workshops that may be available to students. Students should consult with the Program Chair for assistance in choosing workshops.
2. The practicum must relate to the major in PCTS. Completion of PRAC-3710 Peace and Conflict Transformation Studies Intensive Practicum, fulfills this requirement. Other options for the fulfillment of this requirement are also available. For more details, see the Director of Practica.
3. Peace and Conflict Transformation area courses:
 ANTH-1610 Cultural Anthropology
 BTS-2230 Biblical Perspectives on Peace and Justice
 BTS-2720 Theologies of the Global South
 BTS-2750 Introduction to Christian Ethics
 BTS-2780 Political Theology
 BTS-3370 Pastoral Care and Counselling
 BUSI/PSYC-2020 Organizational Behaviour
 BUSI-2030 Management and Organizational Theory
 BUSI/POLS-2500 Social Entrepreneurship
 BUSI/PSYC-3000 Organizational Leadership
 BUSI-3300 Not-for-Profit Management
 COMM-2010 Digital Video Storytelling
 COMM-3020 Group Communication and Creative Process
 COMM-3030 Public Relations
 ENGL-3800 Reading Culture
 ENGL-4200 Revenge
 ENVS/IDS/GEOG-3010 Environment, Society, and Resilience
 HIST/INDS-2040 History of Indigenous Peoples of Canada
 HIST-2060 Religion and Conflict in Historical Perspective
 IDS-2110 Participatory Local Development
 IDS-2171 Crisis, Humanitarian Aid, and Disaster Recovery
 IDS-3111 An Analysis of Development Aid Policy
 IDS/ENVS/SOCI-3521 Study of Simple Living
 IDS-4130 Mennonite Community and Development
 IDS-4140 Religion and Development
 MATH-3050 Dynamical Chaos Theory
 PHIL-2020 Postmodern Philosophy
 POLS-2120 Peace and Conflict in World Politics
 POLS-2200 Human Rights and Dignity
 POLS-2300 Canadian Political Issues
 POLS/SOCI/PHIL-2600 Social and Political Philosophy
 POLS/COMM/SOCI-3000 Politics, Society, and Mass Media
 PSYC-2110 Social Relationships and Behaviour
 PSYC-2400 Counselling Theories
 PSYC/SWRK-2410 Counselling Techniques
 PSYC/SOCI-2700 Interpersonal Communication
 SOCI/POLS/SWRK-2000 Social Welfare or SWRK/POLS-2010 Welfare in Canada: Origins and Current Challenges
 SOCI-2020 Communities and Organizations

SOCI-2030 Inter-cultural Theory and Practice
 SOCI-2060 Sociology of Gender

18.2. Peace and Conflict Transformation Studies Major, Three-year B.A.

Graduation Requirements:

90 credit hours fulfilling the program requirements as specified below

A minimum grade point average of 2.0 (C) in the courses presented for the major

A passing grade in all courses presented for graduation and a minimum grade point average of 2.0 (C) in 90 credit hours

Residency Requirements:

30 credit hours within the degree, including 12 credit hours of the last 30 credit hours in the degree program

9 credit hours of the Ways of Knowing II and Theology requirements

24 credit hours of the major requirements

Common Curriculum Requirements:

INTD-1000 Ways of Knowing I

Theology—6 credit hours

Humanities—3 credit hours

Social Science—3 credit hours

Science—6 credit hours

Practicum—6 credit hours

Anabaptist—3 credit hours

Indigenous—3 credit hours

Making—3 credit hours

Ways of Knowing II—6 credit hours

Academic writing requirement

Major Requirements:

Major Requirements

A minimum of 36 credit hours

PCTS-1110 Introduction to Peace and Conflict Transformation

PCTS-3100 Models for Peace and Conflict Transformation

PCTS-3120 Cultures of Violence, Cultures of Peace
 Peace Skills courses—3 credit hours

Two of the following:

ANTH-1610 Cultural Anthropology

ENVS/GEOG-1030 Introduction to Environmental Studies

IDS-1110 Introduction to International Development Studies

INDS- 1050 Indigenous Peoples of Canada

POLS-1000 Democracy and Dissent

POLS-1010 Global Politics

PSYC-1010 Intro to Psychology I: Foundations

PSYC-1020 Intro to Psychology II: Individuals and Interaction

SOCI-1110 Introduction to Sociology

9 credit hours of courses with a PCTS prefix (excluding Peace Skills courses)

6 credit hours of Area Courses (see additional notes regarding the major)

3 credit hours of electives drawn from PCTS-prefix courses, Introduction courses, Area Courses, or Peace Skills courses. A maximum of 3 credit hours of Peace Skills credits can be included in the electives.

General electives:

As required to reach a total of 90 credit hours

Degree Regulations:

1. A course may not be used to satisfy requirements for two areas of the common curriculum or to satisfy requirements for both a major and a minor at the same time. A course may simultaneously fulfill a requirement for an area in the common curriculum and for either a major or a minor.
2. This program requires a minimum of 42 credit hours at the 2000-level or above. Thus, only 48 credit hours of 1000-level courses can count toward this program.
3. This program may include a maximum of 9 credit hours of practical skills courses (e.g., Applied music, music ensemble, theatre ensemble, peace skills, media skills), and a maximum of 9 credit hours of practicum. For students who completed PRAC-1000, this program may include a maximum of 12 credit hours of practicum provided that the practicum and practical skills do not exceed 18 credit hours.
4. A student must earn a minimum grade of C in PCTS-1110 to declare a major in this field.

Additional notes regarding the major:

1. The list of Peace Skills workshops identifies examples of workshops that may be available to students. Students should consult with the Program Chair for assistance in choosing workshops.
2. The practicum must relate to the major in PCTS. Completion of PRAC-3710 Peace and Conflict Transformation Studies Intensive Practicum, fulfills this requirement. Other options for the fulfillment of this requirement are also available. For more details, see the Director of Practica.
3. Peace and Conflict Transformation area courses:
 ANTH-1610 Cultural Anthropology
 BTS-2230 Biblical Perspectives on Peace and Justice
 BTS-2720 Theologies of the Global South
 BTS-2750 Introduction to Christian Ethics
 BTS-2780 Political Theology
 BTS-3370 Pastoral Care and Counselling
 BUSI/PSYC-2020 Organizational Behaviour
 BUSI-2030 Management and Organizational Theory
 BUSI/POLS-2500 Social Entrepreneurship
 BUSI/PSYC-3000 Organizational Leadership
 BUSI-3300 Not-for-Profit Management
 COMM-2010 Digital Video Storytelling
 COMM-3020 Group Communication and Creative Process

COMM-3030 Public Relations
 ENGL-3800 Reading Culture
 ENGL-4200 Revenge
 ENV5/IDS/GEOG-3010 Environment, Society, and Resilience
 HIST/INDS-2040 History of Indigenous Peoples of Canada
 HIST-2060 Religion and Conflict in Historical Perspective
 IDS-2110 Participatory Local Development
 IDS-2171 Crisis, Humanitarian Aid, and Disaster Recovery
 IDS-3111 An Analysis of Development Aid Policy
 IDS/ENV5/SOCI-3521 Study of Simple Living
 IDS-4130 Mennonite Community and Development
 IDS-4140 Religion and Development
 MATH-3050 Dynamical Chaos Theory
 PHIL-2020 Postmodern Philosophy
 POLS/SOCI/PHIL-2600 Social and Political Philosophy
 POLS-2120 Peace and Conflict in World Politics
 POLS-2200 Human Rights and Dignity
 POLS-2300 Canadian Political Issues
 POLS/COMM/SOCI-3000 Politics, Society, and Mass Media
 PSYC-2110 Social Relationships and Behaviour
 PSYC-2400 Counselling Theories
 PSYC/SWRK-2410 Counselling Techniques
 PSYC/SOCI-2700 Interpersonal Communication
 SOCI/POLS/SWRK-2000 Social Welfare or SWRK/POLS-2010 Welfare in Canada: Origins and Current Challenges
 SOCI-2020 Communities and Organizations
 SOCI-2030 Inter-cultural Theory and Practice
 SOCI-2060 Sociology of Gender

18.3. Peace and Conflict Transformation Studies Minor, Four- and Three-year B.A.

Requirements:

A minimum of 18 credit hours
 A minimum of 12 credit hours in residence
 PCTS-1110 Introduction to Peace and Conflict Transformation
 15 credit hours of courses with a PCTS prefix, with a maximum of 3 credit hours in Peace Skills courses.

19. Philosophy, Majors and Minor within the Bachelor of Arts

Program Chair: Chris Huebner, Ph.D.

Philosophy, in its traditional sense, is understood as the love of wisdom. In its modern form, philosophy is a search for general theoretical explanations in an attempt to answer certain basic questions: what is real? (Metaphysics); what can I know? (Epistemology); what should I do? (Ethics). Philosophy at CMU, while it explores aspects related to each of these questions, also involves the ongoing task of rethinking the very idea of philosophy itself. In particular, it investigates the philosopher's desire for general explanations, and seeks instead to explore philosophies as ways of life. Of special interest is how all of this relates to that peculiar way of life called church. Such an enquiry will approach philosophy historically and contextually rather than as a series of answers to abstract theoretical questions, which suggests that philosophy is best understood in its more traditional sense as the love of wisdom.

Studies in Philosophy will equip students with skills essential for many pursuits, including careers in post-secondary education, law, government, policy making, and administration.

19.1. Philosophy Major, Four-year B.A.

Graduation Requirements:

120 credit hours fulfilling the program requirements as specified below
 A minimum grade point average of 2.0 (C) in the courses presented for the major
 A passing grade in all courses presented for graduation and a minimum grade point average of 2.0 (C) in 120 credit hours

Residency Requirements:

60 credit hours within the degree, including 12 credit hours of the last 30 credit hours in the degree program
 9 credit hours of the Ways of Knowing II and Theology requirements
 24 credit hours of the major requirements

Common Curriculum Requirements:

INTD-1000 Ways of Knowing I
 Theology—6 credit hours
 Humanities—3 credit hours
 Social Science—3 credit hours
 Science—6 credit hours
 Practicum—6 credit hours
 Anabaptist—3 credit hours
 Indigenous—3 credit hours
 Making—3 credit hours
 Ways of Knowing II—6 credit hours
 Academic writing requirement

Major Requirements:

- A minimum of 48 credit hours
- A minimum of 15 credit hours at the 3000-level or higher
- PHIL-1000 The Task of Philosophy I: The Question of Reality
- PHIL-1010 The Task of Philosophy II: The Question of Knowledge
- Philosophy electives—42 credit hours

General electives:

- As required to reach a total of 120 credit hours

Degree Regulations:

1. A course may not be used to satisfy requirements for two areas of the common curriculum or to satisfy requirements for both a major and a minor at the same time. A course may simultaneously fulfill a requirement for an area in the common curriculum and for either a major or a minor.
2. This program requires a minimum of 72 credit hours at the 2000-level or above. Thus, only 48 credit hours of 1000-level courses can count toward this program.
3. This program may include a maximum of 12 credit hours of practical skills courses (e.g., applied music, music ensemble, theatre ensemble, peace skills, media skills), and a maximum of 9 credit hours of practicum.
4. A student must earn a minimum grade of C in PHIL-1000 and PHIL-1010 to declare a major in this field.

19.2. Philosophy Major, Three-year B.A.

Graduation Requirements:

- 90 credit hours fulfilling the program requirements as specified below
- A minimum grade point average of 2.0 (C) in the courses presented for the major
- A passing grade in all courses presented for graduation and a minimum grade point average of 2.0 (C) in 90 credit hours

Residency Requirements:

- 30 credit hours within the degree, including 12 credit hours of the last 30 credit hours in the degree program
- 9 credit hours of the Ways of Knowing II and Theology requirements
- 18 credit hours of the major requirements

Common Curriculum Requirements:

- INTD-1000 Ways of Knowing I Theology—6 credit hours
- Humanities—3 credit hours
- Social Science—3 credit hours
- Science—6 credit hours
- Practicum—6 credit hours
- Anabaptist—3 credit hours
- Indigenous—3 credit hours
- Making—3 credit hours

- Ways of Knowing II—6 credit hours
- Academic writing requirement

Major Requirements:

- A minimum of 30 credit hours
- A minimum of 6 credit hours at the 3000-level or higher
- PHIL-1000 The Task of Philosophy I: The Question of Reality
- PHIL-1010 The Task of Philosophy II: The Question of Knowledge
- Philosophy electives—24 credit hours

General electives:

- As required to reach a total of 90 credit hours

Degree Regulations:

1. A course may not be used to satisfy requirements for two areas of the common curriculum or to satisfy requirements for both a major and a minor at the same time. A course may simultaneously fulfill a requirement for an area in the common curriculum and for either a major or a minor.
2. This program requires a minimum of 42 credit hours at the 2000-level or above. Thus, only 48 credit hours of 1000-level courses can count toward this program.
3. This program may include a maximum of 9 credit hours of practical skills courses (e.g., applied music, music ensemble, theatre ensemble, peace skills, media skills), and a maximum of 9 credit hours of practicum.
4. A student must earn a minimum grade of C in PHIL-1000 and PHIL-1010 to declare a major in this field.

19.3. Philosophy Minor, Four- or Three-year B.A.

Requirements:

- A minimum 18 credit hours
- A minimum of 12 credit hours in residence
- PHIL-1000 The Task of Philosophy I: The Question of Reality
- PHIL-1010 The Task of Philosophy II: The Question of Knowledge
- Philosophy Electives—12 credit hours, including 6 credit hours at the 2000-level or above

20. Political Studies, Majors and Minor within the Bachelor of Arts

Program Chair: James Magnus-Johnston, M.Phil.

Political Studies at CMU addresses power and inequalities among people, communities, and states. Students examine obstacles to fostering God's Kingdom on earth. They explore how the state, other institutions, roles and relationships, technologies, bodies of knowledge, and practices of culture and citizenship facilitate or compromise the goals of justice, peace, and human dignity. A close study of the classic texts, concepts, methodologies, and assumptions of Political Studies provides a basis for further inquiry. With this foundation, critical insights and alternative approaches from within and beyond the discipline can be fruitfully assessed.

Political Studies prepares students for careers, leadership, advocacy, and management in such fields as research, social work, law, business, public administration, international development, foreign affairs, community organizing, and journalism.

20.1. Political Studies Major, Four-year B.A.

Graduation Requirements:

120 credit hours fulfilling the program requirements as specified below

A minimum grade point average of 2.0 (C) in the courses presented for the major

A passing grade in all courses presented for graduation and a minimum grade point average of 2.0 (C) in 120 credit hours

Residency Requirements:

60 credit hours within the degree, including 12 credit hours of the last 30 credit hours in the degree program

9 credit hours of the Ways of Knowing II and Theology requirements

24 credit hours of the major requirements

Common Curriculum Requirements:

INTD-1000 Ways of Knowing I

Theology—6 credit hours

Humanities—3 credit hours

Social Science—3 credit hours

Science—6 credit hours

Practicum—6 credit hours

Anabaptist—3 credit hours

Indigenous—3 credit hours

Making—3 credit hours

Ways of Knowing II—6 credit hours

Academic writing requirement

Major Requirements:

A minimum of 48 credit hours

A minimum of 15 credit hours at the 3000-level or higher, including 6 credit hours at the 4000-level.

POLS-1000 Democracy and Dissent

POLS-1010 Global Politics

POLS/SOCI/PHIL-2600 Social & Political Philosophy

Area courses: 24 credit hours, including at least 3 credit hours in each of four of the following areas:

World Politics

Comparative Politics of the South

Comparative Politics of the North

Gender and Identity Politics

Political Theory and Methodology

Political Studies electives: 15 credit hours

General electives:

As required to reach a total of 120 credit hours

Degree Regulations:

1. A course may not be used to satisfy requirements for two areas of the common curriculum or to satisfy requirements for both a major and a minor at the same time. A course may simultaneously fulfill a requirement for an area in the common curriculum and for either a major or a minor.
2. This program requires a minimum of 72 credit hours at the 2000-level or above. Thus, only 48 credit hours of 1000-level courses can count toward this program.
3. This program may include a maximum of 12 credit hours of practical skills courses (e.g., applied music, music ensemble, theatre ensemble, peace skills, media skills), and a maximum of 9 credit hours of practicum.
4. A student must earn a minimum grade of C in POLS-1000 and POLS-1010 to declare a major in this field.

Additional notes regarding the major:

1. Students in this program are encouraged to complete a practicum relevant to Political Studies.
2. In order to enhance its interdisciplinary nature, this major may include up to 12 credit hours from the following lists of courses from outside Political Studies. Several of these courses have prerequisites that students must fulfill.

World Politics:

ANTH-1610 Cultural Anthropology

BTS-3720 Peace and War in Christian History

HIST-1000 History of the West in Global Context I

HIST-1010 History of the West in Global Context II

HIST-1020 History in the Making

HIST-2060 Religion and Conflict in Historical Perspective

PCTS-2810 History and Strategies of Non-violence

PCTS-2820 Aggression, Violence, and War in a Social-Scientific Perspective

Comparative Politics of the South (Development):

ECON-2010/IDS-2011 Economics of Development

IDS-1110 Introduction to International Development Studies

IDS-2110 Participatory Local Development

IDS-2171 Crisis, Humanitarian Aid, and Disaster Recovery
 IDS-2183 African Development Issues
 IDS-2184 Asia/Pacific Development Issues
 IDS-2185 Latin American/Caribbean Development Issues
 IDS-3111 An Analysis of Development Aid Policy

Comparative Politics of the North:

HIST-2020 History of Colonial Canada
 HIST-2030 History of the Canadian Nation since 1867
 HIST/INDS-2040 History of Indigenous Peoples of Canada
 IDS-2350 Indigenous People and the Industrial State
 PCTS-2221 Restorative Justice
 PCTS-2421 Legal Systems and Alternative Dispute Resolution
 PCTS/IDS-2443 Conflict and Development Issues in Indigenous Communities
 SOCI/POLS/SWRK-2000 Social Welfare or SWRK/POLS-2010 Welfare in Canada: Origins and Current Challenges

Gender and Identity Politics:

BTS/SOCI-2920 Gender, Sexuality, and Theology
 PCTS-3242 Women and Peacemaking

Political Theory and Methodology:

BTS-2780 Political Theology
 BTS-2800 Theology of Peace and Justice
 BTS-3450 Theologies of Power
 COMM-3030 Public Relations
 ECON-2410 History of Economic Thought—Micro-economics
 IDS/PCTS-3920 Action Research Methods
 MATH-1000 Basic Statistical Analysis
 PCTS-1110 Introduction to Peace and Conflict Transformation
 PCTS-3120 Cultures of Violence, Cultures of Peace
 PCTS/PHIL-3800 Whose Violence? Which Peace?
 PCTS-3850 Just War Traditions
 PHIL-1000 The Task of Philosophy I: The Question of Reality
 PHIL-1010 The Task of Philosophy II: The Question of Knowledge
 PHIL-2020 Postmodern Philosophy

20.2. Political Studies Major, Three-year B.A.

Graduation Requirements:

- 90 credit hours fulfilling the program requirements as specified below
- A minimum grade point average of 2.0 (C) in the courses presented for the major
- A passing grade in all courses presented for graduation and a minimum grade point average of 2.0 (C) in 90 credit hours

Residency Requirements:

- 30 credit hours within the degree, including 12 credit hours of the last 30 credit hours in the degree program
- 9 credit hours of the Ways of Knowing II and Theology requirements
- 18 credit hours of the major requirements

Common Curriculum Requirements:

- INTD-1000 Ways of Knowing I Theology—6 credit hours
- Humanities—3 credit hours
- Social Science—3 credit hours
- Science—6 credit hours
- Practicum—6 credit hours
- Anabaptist—3 credit hours
- Indigenous—3 credit hours
- Making—3 credit hours
- Ways of Knowing II—6 credit hours
- Academic writing requirement

Major Requirements:

- A minimum of 30 credit hours
- A minimum of 9 credit hours at the 3000-level or higher.
- POLS-1000 Democracy and Dissent
- POLS-1010 Global Politics
- POLS/SOCI/PHIL-2600 Social & Political Philosophy
- Area courses: 3 credit hours in each of four of the following areas:
 - World Politics
 - Comparative Politics of the South
 - Comparative Politics of the North
 - Gender and Identity Politics
 - Political Theory and Methodology
- Political Studies electives: 9 credit hours

General electives:

- As required to reach a total of 90 credit hours

Degree Regulations:

1. A course may not be used to satisfy requirements for two areas of the common curriculum or to satisfy requirements for both a major and a minor at the same time. A course may simultaneously fulfill a requirement for an area in the common curriculum and for either a major or a minor.
2. This program requires a minimum of 42 credit hours at the 2000-level or above. Thus, only 48 credit hours of 1000-level courses can count toward this program.
3. This program may include a maximum of 9 credit hours of practical skills courses (e.g., applied music, music ensemble, theatre ensemble, peace skills, media skills), and a maximum of 9 credit hours of practicum.
4. A student must earn a minimum grade of C in POLS-1000 and POLS-1010 to declare a major in this field.

Additional notes regarding the major:

1. Students in this major are encouraged to complete a practicum relevant to Political Studies.
2. In order to enhance its interdisciplinary nature, this major may include up to 9 credit hours from the following lists of courses from outside Political Studies. Several of these courses have prerequisites that students must fulfill.

World Politics:

ANTH-1610 Cultural Anthropology
 BTS-3720 Peace and War in Christian History
 HIST-1000 History of the West in Global Context I
 HIST-1010 History of the West in Global Context II
 HIST-1020 History in the Making
 HIST-2060 Religion and Conflict in Historical Perspective
 PCTS-2810 History and Strategies of Non-Violence
 PCTS-2820 Aggression, Violence, and War in a Social-Scientific Perspective

Comparative Politics of the South (Development):

ECON-2010/IDS-2011 Economics of Development
 IDS-1110 Introduction to International Development Studies
 IDS-2110 Participatory Local Development
 IDS-2171 Crisis, Humanitarian Aid, and Disaster Recovery
 IDS-2183 African Development Issues
 IDS-2184 Asia/Pacific Development Issues
 IDS-2185 Latin American/Caribbean Development Issues
 IDS-3111 An Analysis of Development Aid Policy

Comparative Politics of the North:

HIST-2020 History of Colonial Canada
 HIST-2030 History of the Canadian Nation since 1867
 HIST/INDS-2040 History of Indigenous Peoples of Canada
 IDS-2350 Indigenous People and the Industrial State
 PCTS-2221 Restorative Justice
 PCTS-2421 Legal Systems and Alternative Dispute Resolution
 PCTS/IDS-2443 Conflict and Development Issues in Indigenous Communities
 SOCI/POLS/SWRK-2000 Social Welfare or SWRK/POLS-2010 Welfare in Canada: Origins and Current Challenges

Gender and Identity Politics:

BTS/SOCI-2920 Gender, Sexuality, and Theology
 PCTS-3242 Women and Peacemaking

Political Theory and Methodology:

BTS-2780 Political Theology
 BTS-2800 Theology of Peace and Justice
 BTS-3450 Theologies of Power
 COMM-3030 Public Relations
 ECON-2410 History of Economic Thought—Micro-economics

IDS/PCTS-3920 Action Research Methods
 MATH-1000 Basic Statistical Analysis
 PCTS-1110 Introduction to Peace and Conflict Transformation
 PCTS-3120 Cultures of Violence, Cultures of Peace
 PCTS/PHIL-3800 Whose Violence? Which Peace?
 PCTS-3850 Just War Traditions
 PHIL-1000 The Task of Philosophy I: The Question of Reality
 PHIL-1010 The Task of Philosophy II: The Question of Knowledge
 PHIL-2020 Postmodern Philosophy

20.3. Political Studies Minor, Four- and Three-year B.A.

Requirements:

A minimum of 18 credit hours
 A minimum of 12 credit hours in residence
 A minimum of 12 credit hours at the 2000-level or higher
 POLS-1000 Democracy and Dissent
 POLS-1010 Global Politics
 A minimum of 3 credit hours from three of the following areas:
 World Politics
 Comparative Politics of the South
 Comparative Politics of the North
 Gender and Identity Politics
 Political Theory

Note: All courses must be Political Studies courses, i.e., course with a prefix of POLS.

21. Psychology, Majors and Minor within the Bachelor of Arts

Program Chair: Delmar Epp, Ph.D.

Students of Psychology are invited to explore many facets of human experience, from development, learning, and memory to social interactions and the physiological underpinnings of these phenomena. Study in Psychology offers a more thorough understanding of oneself and others. At CMU, the Psychology program offers the explicit opportunity to consider critically various points of contact between psychology and faith. Skills useful in counselling, teaching, business, ministry, or higher-level study will be fostered.

21.1. Psychology Major, Four-year B.A.

Graduation Requirements:

- 120 credit hours fulfilling the program requirements as specified below
- A minimum grade point average of 2.0 (C) in the courses presented for the major
- A passing grade in all courses presented for graduation and a minimum grade point average of 2.0 (C) in 120 credit hours

Residency Requirements:

- 60 credit hours within the degree, including 12 credit hours of the last 30 credit hours in the degree program
- 9 credit hours of the Ways of Knowing II and Theology requirements
- 30 credit hours of the major requirements

Common Curriculum Requirements:

- INTD-1000 Ways of Knowing I Theology—6 credit hours
- Humanities—3 credit hours
- Social Science—3 credit hours
- Science—6 credit hours
- Practicum—6 credit hours
- Anabaptist—3 credit hours
- Indigenous—3 credit hours
- Making—3 credit hours
- Ways of Knowing II—6 credit hours
- Academic writing requirement

Major Requirements:

- A minimum of 48 credit hours
- A minimum of 9 credit hours at the 3000-level or higher
- PSYC-1010 Introduction to Psychology I: Foundations
- PSYC-1020 Introduction to Psychology II: Individuals and Interactions
- PSYC-2030 Research Design in Psychology
- PSYC-2040 Research Analysis in Psychology

Area courses—3 credit hours from each of the following areas:

- Brain and Cognition
- Social processes
- Development
- Health Psychology

Psychology electives—24 credit hours

General electives:

As required to reach a total of 120 credit hours

Degree Regulations:

1. A course may not be used to satisfy requirements for two areas of the common curriculum or to satisfy requirements for both a major and a minor at the same time. A course may simultaneously fulfill a requirement for an area in the common curriculum and for either a major or a minor.
2. This program requires a minimum of 72 credit hours at the 2000-level or above. Thus, only 48 credit hours of 1000-level courses can count toward this program.
3. This program may include a maximum of 12 credit hours of practical skills courses (e.g., applied music, music ensemble, theatre ensemble, peace skills, media skills), and a maximum of 9 credit hours of practicum.
4. A student must earn a minimum grade of C in PSYC-1010 and PSYC-1020 to declare a major in this field.

Additional notes regarding the major:

1. Normally students will take PSYC-2030 and PSYC-2040 during the second year of the program.
2. Students must consult with the Program Chair in psychology when choosing courses to fulfill the requirements for area courses.
3. Students are encouraged to select courses in biology (anatomy or physiology), mathematics, or computer science to meet the science requirement of the B.A.
4. Students are encouraged to complete 6 credit hours of social sciences in addition to the courses in this major.

21.2. Psychology Major, Three-year B.A.

Graduation Requirements:

- 90 credit hours fulfilling the program requirements as specified below
- A minimum grade point average of 2.0 (C) in the courses presented for the major
- A passing grade in all courses presented for graduation and a minimum grade point average of 2.0 (C) in 90 credit hours

Residency Requirements:

- 30 credit hours within the degree, including 12 credit hours of the last 30 credit hours in the degree program
- 9 credit hours of the Ways of Knowing II and Theology requirements
- 18 credit hours of the major requirements

Common Curriculum Requirements:

INTD-1000 Ways of Knowing I
Theology—6 credit hours
Humanities—3 credit hours
Social Science—3 credit hours
Science—6 credit hours
Practicum—6 credit hours
Anabaptist—3 credit hours
Indigenous—3 credit hours
Making—3 credit hours
Ways of Knowing II—6 credit hours
Academic writing requirement

Major Requirements:

A minimum of 30 credit hours
PSYC-1010 Introduction to Psychology I: Foundations
PSYC-1020 Introduction to Psychology II: Individuals
and Interactions
PSYC-2030 Research Design in Psychology
PSYC-2040 Research Analysis in Psychology
Area courses—3 credit hours from three of the
following areas:
Brain and Cognition
Social processes
Development
Health Psychology
Psychology electives—9 credit hours

General electives:

As required to reach a total of 90 credit hours

Degree Regulations:

1. A course may not be used to satisfy requirements for two areas of the common curriculum or to satisfy requirements for both a major and a minor at the same time. A course may simultaneously fulfill a requirement for an area in the common curriculum and for either a major or a minor.
2. This program requires a minimum of 42 credit hours at the 2000-level or above. Thus, only 48 credit hours of 1000-level courses can count toward this program.
3. This program may include a maximum of 9 credit hours of practical skills courses (e.g., applied music, music ensemble, theatre ensemble, peace skills, media skills), and a maximum of 9 credit hours of practicum.
4. A student must earn a minimum grade of C in PSYC-1010 and PSYC-1020 to declare a major in this field.

Additional notes regarding the major:

1. Normally students will take PSYC-2030 and PSYC-2040 during the second year of the program.
2. Students must consult with the Program Chair in psychology when choosing courses to fulfill the requirement for area courses.
3. Students are encouraged to select courses in biology (anatomy or physiology), mathematics, or computer science to meet the science requirement of the B.A.

21.3. Psychology Minor, Four-year and Three-year B.A.

Requirements:

A minimum of 18 credit hours
A minimum of 12 credit hours in residence
PSYC-1010 Introduction to Psychology I: Foundations
PSYC-1020 Introduction to Psychology II: Individuals
and Interactions
Area courses—3 credit hours from two of the
following areas:
Brain and Cognition
Social processes
Development
Health Psychology
Psychology electives—6 credit hours

22. Social Science, Majors, Concentrations, and Minors within the Bachelor of Arts

Program Advisor: Delmar Epp, Ph.D.

The Social Science major is an interdisciplinary major, available in either the four-year or the three-year Bachelor of Arts. Students may choose to include one of the following concentrations within either the four- or the three-year major:

- Counselling Studies
- Intercultural Studies
- Social Service

Alternatively, students may complete a minor in any of the three areas listed above, to present with majors other than the interdisciplinary Social Science majors.

22.1. Social Science Major, Four-year B.A.

Graduation Requirements:

- 120 credit hours fulfilling the program requirements as specified below
- A minimum grade point average of 2.0 (C) in the courses presented for the major
- A passing grade in all courses presented for graduation and a minimum grade point average of 2.0 (C) in 120 credit hours

Residency Requirements:

- 60 credit hours within the degree, including 12 credit hours of the last 30 credit hours in the degree program
- 9 credit hours of the Ways of Knowing II and Theology requirements
- 30 credit hours of the major requirements

Common Curriculum Requirements:

- INTD-1000 Ways of Knowing I Theology—6 credit hours
- Humanities—3 credit hours
- Social Science—3 credit hours
- Science—6 credit hours
- Practicum—6 credit hours
- Anabaptist—3 credit hours
- Indigenous—3 credit hours
- Making—3 credit hours
- Ways of Knowing II—6 credit hours
- Academic writing requirement

Major Requirements:

- A minimum of 48 credit hours
- A minimum of 30 credit hours at the 2000-level or above, including 12 credit hours at the 3000-level or above
- 12 credit hours from the following:
 - ANTH-1610 Cultural Anthropology
 - ECON-1000 Introduction to Macro-economics

- ECON-1010 Introduction to Micro-economics
- ENVS/GEOG-1030 Introduction to Environmental Studies
- GEOG-1010 Introduction to Human Geography
- HIST-1000 History of the West in Global Context I
- HIST-1010 History of the West in Global Context II
- HIST-1020 History in the Making
- IDS-1110 Introduction to International Development Studies
- PCTS-1110 Introduction to Peace and Conflict Transformation
- POLS-1000 Democracy and Dissent
- POLS-1010 Global Politics
- PSYC-1010 Introduction to Psychology I: Foundations
- PSYC-1020 Introduction to Psychology II: Individuals and Interactions
- SOCI-1110 Introduction to Sociology
- Social Science electives— 36 credit hours, including 6 credit hours in each of two subject fields

General electives:

- As required to reach a total of 120 credit hours

Degree Regulations:

1. A course may not be used to satisfy requirements for two areas of the common curriculum or to satisfy requirements for both a major and a minor at the same time. A course may simultaneously fulfill a requirement for an area in the common curriculum and for either a major or a minor.
2. This program requires a minimum of 72 credit hours at the 2000-level or above. Thus, only 48 credit hours of 1000-level courses can count toward this program.
3. This program may include a maximum of 12 credit hours of practical skills courses (e.g., applied music, music ensemble, theatre ensemble, peace skills, media skills), and a maximum of 9 credit hours of practicum.
4. A student must earn a minimum grade of C in 6 credit hours of introductory Social Science to declare a major in this field.

Additional note regarding the major:

Social science electives include all courses that CMU offers in the fields of Anthropology, Economics, Geography, History, Indigenous Studies, International Development Studies, History, Peace and Conflict Transformation Studies, Political Studies, Psychology, and Sociology.

22.2. Social Science Major, Three-year B.A.

Graduation Requirements:

- 90 credit hours fulfilling the program requirements as specified below
- A minimum grade point average of 2.0 (C) in the courses presented for the major
- A passing grade in all courses presented for graduation and a minimum grade point average of 2.0 (C) in 90 credit hours

Residency Requirements:

- 30 credit hours within the degree, including 12 credit hours of the last 30 credit hours in the degree program
- 9 credit hours of the Ways of Knowing II and Theology requirements
- 24 credit hours of the major requirements

Common Curriculum Requirements:

- INTD-1000 Ways of Knowing I Theology—6 credit hours
- Humanities—3 credit hours
- Social Science—3 credit hours
- Science—6 credit hours
- Practicum—6 credit hours
- Anabaptist—3 credit hours
- Indigenous—3 credit hours
- Making—3 credit hours
- Ways of Knowing II—6 credit hours
- Academic writing requirement

Major Requirements:

- A minimum of 36 credit hours
- A minimum of 18 credit hours at the 2000-level or above, including 6 credit hours at the 3000-level or above
- 12 credit hours from the following:
 - ANTH-1610 Cultural Anthropology
 - ECON-1000 Introduction to Macro-economics
 - ECON-1010 Introduction to Micro-economics
 - ENVS/GEOG-1030 Introduction to Environmental Studies
 - GEOG-1010 Introduction to Human Geography
 - HIST-1000 History of the West in Global Context I
 - HIST-1010 History of the West in Global Context II
 - HIST-1020 History in the Making
 - IDS-1110 Introduction to International Development Studies
 - PCTS-1110 Introduction to Peace and Conflict Transformation
 - POLS-1000 Democracy and Dissent
 - POLS-1010 Global Politics
 - PSYC-1010 Introduction to Psychology I: Foundations
 - PSYC-1020 Introduction to Psychology II: Individuals and Interactions
 - SOCI-1110 Introduction to Sociology
- Social Science electives— 24 credit hours, including 6 credit hours in each of two subject fields.

General electives:

- As required to reach a total of 90 credit hours

Degree Regulations:

1. A course may not be used to satisfy requirements for two areas of the common curriculum or to satisfy requirements for both a major and a minor at the same time. A course may simultaneously fulfill a requirement

for an area in the common curriculum and for either a major or a minor.

2. This program requires a minimum of 42 credit hours at the 2000-level or above. Thus, only 48 credit hours of 1000-level courses can count toward this program.
3. This program may include a maximum of 9 credit hours of practical skills courses (e.g., applied music, music ensemble, theatre ensemble, peace skills, media skills), and a maximum of 9 credit hours of practicum.
4. A student must earn a minimum grade of C in 6 credit hours of introductory Social Science to declare a major in this field.

Additional note regarding the major:

Social science electives include all courses that CMU offers in the fields of Anthropology, Economics, Geography, History, Indigenous Studies, International Development Studies, Peace and Conflict Transformation Studies, Political Studies, Psychology, and Sociology.

22.3. Counselling Studies, Concentration within the Social Science Major, or Minor within the B.A.

Our culture invites an individual focus, emphasizing individual efforts and successes. Though we were intended to experience life within relationship, we are not necessarily trained or practiced in developing or maintaining healthy relationships. Within the counselling concentration, students will develop skills that foster personal and relational health—empathic listening and understanding, together with communication skills that will be of benefit in the workplace and in any mentoring or pastoral role. Students will also learn about techniques and theoretical frameworks employed in various forms of therapeutic practice, including clinical and pastoral settings. Those considering further professional study in counselling or psychotherapy will find opportunity to discern their interest and aptitudes for these career directions.

22.3.1. Counselling Studies, Concentration within the Social Science Major, Four-year B.A.

Graduation Requirements:

- 120 credit hours fulfilling the program requirements as specified below
- A minimum grade point average of 2.0 (C) in the courses presented for the major
- A passing grade in all courses presented for graduation and a minimum grade point average of 2.0 (C) in 120 credit hours

Residency Requirements:

- 60 credit hours within the degree, including 12 credit hours of the last 30 credit hours in the degree program

9 credit hours of the Ways of Knowing II and Theology requirements
30 credit hours of the major requirements

Common Curriculum Requirements:

INTD-1000 Ways of Knowing I
Theology—6 credit hours
Humanities—3 credit hours
Social Science—3 credit hours
Science—6 credit hours
Practicum—6 credit hours
Anabaptist—3 credit hours
Indigenous—3 credit hours
Making—3 credit hours
Ways of Knowing II—6 credit hours
Academic writing requirement

Major and concentration Requirements:

A minimum of 48 credit hours
A minimum of 30 credit hours at the 2000-level or above, including 12 credit hours at the 3000-level or above
12 credit hours as follows:
PSYC-1010 Introduction to Psychology I:
Foundations
PSYC-1020 Introduction to Psychology II:
Individuals and Interactions
Plus 6 credit hours from:
HIST-1000 History of the West in Global Context I
HIST-1010 History of the West in Global Context II
HIST-1020 History in the Making
IDS-1110 Introduction to International Development Studies
PCTS-1110 Introduction to Peace and Conflict Transformation
POLS-1000 Democracy and Dissent
POLS-1010 Global Politics
SOC-1110 Introduction to Sociology

A concentration of 18 credit hours as follows:

PSYC-2400 Counselling Theories
PSYC/SWRK-2410 Counselling Techniques
PSYC/SOCI-2700 Interpersonal Communication
PSYC-3400 Abnormal Psychology
6 credit hours from the following:
BTS-3370 Pastoral Care and Counselling
PSYC-2100 Social Cognition and Influence
PSYC-2110 Social Relationships and Behaviour
PSYC-2200 Developmental Psychology—
Childhood
PSYC-2210 Developmental Psychology—
Adolescence
PSYC-2220 Developmental Psychology—
Adulthood
PSYC-3800 Psychology and Christianity
Social science electives—18 credit hours

General electives:

As required to reach a total of 120 credit hours

Degree Regulations:

1. A course may not be used to satisfy requirements for two areas of the common curriculum or to satisfy requirements for both a major and a minor at the same time. A course may simultaneously fulfill a requirement for an area in the common curriculum and for either a major or a minor.
2. This program requires a minimum of 72 credit hours at the 2000-level or above. Thus, only 48 credit hours of 1000-level courses can count toward this program.
3. This program may include a maximum of 12 credit hours of practical skills courses (e.g., Applied music, music ensemble, theatre ensemble, peace skills, media skills), and a maximum of 9 credit hours of practicum. For students who completed PRAC-1000, this program may include a maximum of 12 credit hours of practicum provided that the practicum and practical skills does not exceed 21 credit hours.
4. A student must earn a minimum grade of C in 6 credit hours of introductory Social Science to declare a major in this field.

Additional notes regarding the major and concentration:

1. Social science electives include all courses that CMU offers in the fields of Anthropology, Economics, Geography, History, Indigenous Studies, International Development Studies, History, Peace and Conflict Transformation Studies, Political Studies, Psychology, and Sociology.
2. Students who choose this major and concentration must complete a practicum relevant to Counselling Studies.

22.3.2. Counselling Studies, Concentration within the Social Science Major, Three-year B.A.

Graduation Requirements:

90 credit hours fulfilling the program requirements as specified below
A minimum grade point average of 2.0 (C) in the courses presented for the major
A passing grade in all courses presented for graduation and a minimum grade point average of 2.0 (C) in 90 credit hours

Residency Requirements:

30 credit hours within the degree, including 12 credit hours of the last 30 credit hours in the degree program
9 credit hours of the Ways of Knowing II and Theology requirements
24 credit hours of the major requirements

Common Curriculum Requirements:

INTD-1000 Ways of Knowing I
Theology—6 credit hours
Humanities—3 credit hours

Social Science—3 credit hours
 Science—6 credit hours
 Practicum—6 credit hours
 Anabaptist—3 credit hours
 Indigenous—3 credit hours
 Making—3 credit hours
 Ways of Knowing II—6 credit hours
 Academic writing requirement

Major and concentration Requirements:

A minimum of 36 credit hours
 A minimum of 18 credit hours at the 2000-level or above, including 6 credit hours at the 3000-level or above
 12 credit hours selected from:
 PSYC-1010 Introduction to Psychology I: Foundations
 PSYC-1020 Introduction to Psychology II: Individuals and Interactions
 Plus 6 credit hours from:
 HIST-1000 History of the West in Global Context I
 HIST-1010 History of the West in Global Context II
 HIST-1020 History in the Making
 IDS-1110 Introduction to International Development Studies
 PCTS-1110 Introduction to Peace and Conflict Transformation
 POLS-1000 Democracy and Dissent
 POLS-1010 Global Politics
 SOCI-1110 Introduction to Sociology
 A concentration of 18 credit hours as follows:
 PSYC-2400 Counselling Theories
 PSYC/SWRK-2410 Counselling Techniques
 PSYC/SOCI-2700 Interpersonal Communication
 PSYC-3400 Abnormal Psychology
 6 credit hours from the following:
 BTS-3370 Pastoral Care and Counselling
 PSYC-2100 Social Cognition and Influence
 PSYC-2110 Social Relationships and Behaviour
 PSYC-2200 Developmental Psychology—Childhood
 PSYC-2210 Developmental Psychology—Adolescence
 PSYC-2220 Developmental Psychology—Adulthood
 PSYC-3800 Psychology and Christianity
 Social science electives—6 credit hours

General electives:

As required to reach a total of 90 credit hours

Degree Regulations:

1. A course may not be used to satisfy requirements for two areas of the common curriculum or to satisfy requirements for both a major and a minor at the same time. A course may simultaneously fulfill a requirement

for an area in the common curriculum and for either a major or a minor.

2. This program requires a minimum of 42 credit hours at the 2000-level or above. Thus, only 48 credit hours of 1000-level courses can count toward this program.
3. This program may include a maximum of 9 credit hours of practical skills courses (e.g., Applied music, music ensemble, theatre ensemble, peace skills, media skills), and a maximum of 9 credit hours of practicum. For students who completed PRAC-1000, this program may include a maximum of 12 credit hours of practicum provided that the practicum and practical skills do not exceed 18 credit hours.
4. A student must earn a minimum grade of C in 6 credit hours of introductory Social Science to declare a major in this field.

Additional notes regarding the major and concentration:

1. Social science electives include all courses that CMU offers in the fields of Anthropology, Economics, Geography, History, Indigenous Studies, International Development Studies, History, Peace and Conflict Transformation Studies, Political Studies, Psychology, and Sociology.
2. Students who choose this major and concentration must complete a practicum relevant to Counselling Studies.

22.3.3. Counselling Studies, Minor within the Four-year or the Three-year B.A.

Requirements:

A minimum of 18 credit hours
 A minimum of 12 credit hours in residence
 PSYC-1010 Introduction to Psychology I: Foundations
 PSYC-1020 Introduction to Psychology II: Individuals and Interactions
 PSYC-2400 Counselling Theories
 PSYC/SWRK-2410 Counselling Techniques
 At least 6 credit hours from:
 BTS-3370 Pastoral Care and Counselling
 PSYC-2100 Social Cognition and Influence
 PSYC-2110 Social Relationships and Behaviour
 PSYC-2200 Developmental Psychology—Childhood
 PSYC-2210 Developmental Psychology—Adolescence
 PSYC-2220 Developmental Psychology—Adulthood
 PSYC/SOCI-2700 Interpersonal Communication
 PSYC-3400 Abnormal Psychology
 PSYC-3800 Psychology and Christianity

22.4. Intercultural Studies, Concentration within the Social Science Major, and Minor within the B.A.

Culture shapes identity and meaning; it is the astonishing substance of both social continuity and change. All of our

social experience, including the patterns of our ideas and creative expression, communications, relationships, and institutions over history, constitutes the substance of culture. Intercultural Studies explore the interface between cultures—what happens when people or elements of different cultures meet, collide or conflict. In a world of travel, immigration, globalization, international violence, population displacement, and fusion cultures, Intercultural Studies is taking on new significance. It provides an interdisciplinary context for critical engagement and competency enhancement across the social sciences. This concentration is particularly relevant for those considering or returning to overseas contexts, those anticipating work or further study in the Social Sciences, journalism, formal and informal education, peacemaking, Sociology, Anthropology, and Communications.

22.4.1. Intercultural Studies, Concentration within the Social Science Major, Four-year B.A.

Graduation Requirements:

120 credit hours fulfilling the program requirements as specified below

A minimum grade point average of 2.0 (C) in the courses presented for the major

A passing grade in all courses presented for graduation and a minimum grade point average of 2.0 (C) in 120 credit hours

Residency Requirements:

60 credit hours within the degree, including 12 credit hours of the last 30 credit hours in the degree program

9 credit hours of the Ways of Knowing II and Theology requirements

30 credit hours of the major requirements

Common Curriculum Requirements:

INTD-1000 Ways of Knowing I

Theology—6 credit hours

Humanities—3 credit hours

Social Science—3 credit hours

Science—6 credit hours

Practicum—6 credit hours

Anabaptist—3 credit hours

Indigenous—3 credit hours

Making—3 credit hours

Ways of Knowing II—6 credit hours

Academic writing requirement

Major and concentration Requirements:

A minimum of 48 credit hours

A minimum of 30 credit hours at the 2000-level or above, including 12 credit hours at the 3000-level or above

12 credit hours as follows:

ANTH-1610 Cultural Anthropology

9 credit hours from the following:

GEOG-1010 Introduction to Human

Geography

HIST-1000 History of the West in Global

Context I

HIST-1010 History of the West in Global Context II

HIST-1020 History in the Making

IDS-1110 Introduction to International Development Studies

PCTS-1110 Introduction to Peace and Conflict Transformation

POLS-1000 Democracy and Dissent

POLS-1010 Global Politics

PSYC-1010 Introduction to Psychology I: Foundations

PSYC-1020 Introduction to Psychology II: Individuals and Interactions

SOCI-1110 Introduction to Sociology

A concentration of 18 credit hours as follows:

PSYC/SOCI-2700 Interpersonal Communication

SOCI-2030 Inter-cultural Theory and Practice

12 credit hours from the following, including at least 6 credit hours from Group A:

Group A

HIST-2020 History of Colonial Canada

HIST-2030 History of the Canadian Nation Since 1867

HIST/INDS-2040 History of Indigenous Peoples of Canada

HIST-2060 Religion and Conflict in Historical Perspective

HIST/IDS-3020 History of Globalization

IDS-2110 Participatory Local Development

IDS-2171 Crisis, Humanitarian Aid, and Disaster Recovery

IDS-2183 African Development Issues

IDS-2184 Asia/Pacific Development Issues

IDS-2185 Latin American/Caribbean Development Issues

IDS-3160 Cultural Perspectives on Global Processes

PCTS-2221 Restorative Justice

PCTS-3100 Models for Peace and Conflict Transformation

PCTS-3120 Cultures of Violence, Cultures of Peace

PCTS/PHIL-3800 Whose Violence? Which Peace?

POLS-2120 Peace and Conflict in World Politics

POLS-2200 Human Rights and Dignity

POLS-2400 Comparative Politics of Development: Africa

SOCI-2060 Sociology of Gender

Group B

BTS-2720 Theologies of the Global South
 BTS-3230 Biblical Interpretation Across Cultures
 BTS-3710 Theology of Mission
 BTS/HIST-4180 Jews and Christians in Greco-Roman Society
 ENGL-3070 World Literature in English
 MUSC-3250 Topics in Music and Culture
 RLG-1700 Religious Traditions of the World I
 RLG-1710 Religious Traditions of the World II
 Social science electives—18 credit hours

Ancillary requirement:

Modern language—6 credit hours

General electives:

As required to reach a total of 120 credit hours

Degree Regulations:

1. A course may not be used to satisfy requirements for two areas of the common curriculum or to satisfy requirements for both a major and a minor at the same time. A course may simultaneously fulfill a requirement for an area in the common curriculum and for either a major or a minor.
2. This program requires a minimum of 72 credit hours at the 2000-level or above. Thus, only 48 credit hours of 1000-level courses can count toward this program.
3. This program may include a maximum of 12 credit hours of practical skills courses (e.g., Applied music, music ensemble, theatre ensemble, peace skills, media skills), and a maximum of 9 credit hours of practicum. For students who completed PRAC-1000, this program may include a maximum of 12 credit hours of practicum provided that the practicum and practical skills do not exceed 21 credit hours.
4. A student must earn a minimum grade of C in 6 credit hours of introductory Social Science to declare a major in this field.

Additional notes regarding the major and concentration:

1. Social science electives include all courses that CMU offers in the fields of Anthropology, Economics, Geography, History, Indigenous Studies, International Development Studies, History, Peace and Conflict Transformation Studies, Political Studies, Psychology, and Sociology.
2. Students who choose this major and concentration must complete a practicum relevant to Intercultural Studies.

22.4.2. Intercultural Studies, Concentration within the Social Science Major, Three-year B.A.

Graduation Requirements:

90 credit hours fulfilling the program requirements as specified below
 A minimum grade point average of 2.0 (C) in the courses presented for the major

A passing grade in all courses presented for graduation and a minimum grade point average of 2.0 (C) in 90 credit hours

Residency Requirements:

30 credit hours within the degree, including 12 credit hours of the last 30 credit hours in the degree program
 9 credit hours of the Ways of Knowing II and Theology requirements
 24 credit hours of the major requirements

Common Curriculum Requirements:

INTD-1000 Ways of Knowing I Theology—6 credit hours
 Humanities—3 credit hours
 Social Science—3 credit hours
 Science—6 credit hours
 Practicum—6 credit hours
 Anabaptist—3 credit hours
 Indigenous—3 credit hours
 Making—3 credit hours
 Ways of Knowing II—6 credit hours
 Academic writing requirement

Major and concentration Requirements:

A minimum of 36 credit hours
 A minimum of 18 credit hours at the 2000-level or above, including 6 credit hours at the 3000-level or above
 12 credit hours as follows:
 ANTH-1610 Cultural Anthropology
 9 credit hours from the following:
 GEOG-1010 Introduction to Human Geography
 HIST-1000 History of the West in Global Context I
 HIST-1010 History of the West in Global Context II
 HIST-1020 History in the Making
 IDS-1110 Introduction to International Development Studies
 PCTS-1110 Introduction to Peace and Conflict Transformation
 POLS-1000 Democracy and Dissent
 POLS-1010 Global Politics
 PSYC-1010 Introduction to Psychology I: Foundations
 PSYC-1020 Introduction to Psychology II: Individuals and Interactions
 SOCI-1110 Introduction to Sociology
 A concentration of 18 credit hours as follows:
 PSYC/SOCI-2700 Interpersonal Communication
 SOCI-2030 Inter-cultural Theory and Practice
 12 credit hours from the following, including at least 6 credit hours from Group A:
Group A
 HIST-2020 History of Colonial Canada

HIST-2030 History of the Canadian Nation Since 1867
 HIST/INDS-2040 History of Indigenous Peoples of Canada
 HIST-2060 Religion and Conflict in Historical Perspective
 HIST/IDS-3020 History of Globalization
 IDS-2110 Participatory Local Development
 IDS-2171 Crisis, Humanitarian Aid, and Disaster Recovery
 IDS-2183 African Development Issues
 IDS-2184 Asia/Pacific Development Issues
 IDS-2185 Latin American/Caribbean Development Issues
 IDS-3160 Cultural Perspectives on Global Processes
 PCTS-2221 Restorative Justice
 PCTS-3100 Models for Peace and Conflict Transformation
 PCTS-3120 Cultures of Violence, Cultures of Peace
 PCTS/PHIL-3800 Whose Violence? Which Peace?
 POLS-2120 Peace and Conflict in World Politics
 POLS-2200 Human Rights and Dignity
 POLS-2400 Comparative Politics of Development: Africa
 SOCI-2060 Sociology of Gender

Group B

BTS-2720 Theologies of the Global South
 BTS-3230 Biblical Interpretation Across Cultures
 BTS-3710 Theology of Mission
 BTS/HIST-4180 Jews and Christians in Greco-Roman Society
 ENGL-3070 World Literature in English
 MUSC-3250 Topics in Music and Culture
 RLGN-1700 Religious Traditions of the World I
 RLGN-1710 Religious Traditions of the World II

Social science electives—6 credit hours

Ancillary requirement

Modern language—6 credit hours

General electives:

As required to reach a total of 90 credit hours

Degree Regulations:

1. A course may not be used to satisfy requirements for two areas of the common curriculum or to satisfy requirements for both a major and a minor at the same time. A course may simultaneously fulfill a requirement for an area in the common curriculum and for either a major or a minor.
2. This program requires a minimum of 42 credit hours at the 2000-level or above. Thus, only 48 credit hours of 1000-level courses can count toward this program.

3. This program may include a maximum of 9 credit hours of practical skills courses (e.g., Applied music, music ensemble, theatre ensemble, peace skills, media skills), and a maximum of 9 credit hours of practicum. For students who completed PRAC-1000, this program may include a maximum of 12 credit hours of practicum provided that the practicum and practical skills do not exceed 18 credit hours.
4. A student must earn a minimum grade of C in 6 credit hours of introductory Social Science to declare a major in this field.

Additional notes regarding the major and concentration:

1. Social science electives include all courses that CMU offers in the fields of Anthropology, Economics, Geography, History, Indigenous Studies, International Development Studies, History, Peace and Conflict Transformation Studies, Political Studies, Psychology, and Sociology.
2. Students who choose this major and concentration must complete a practicum relevant to Intercultural Studies.

22.4.3. Intercultural Studies, Minor within the Four-year or the Three-year B.A.

Requirements:

A minimum of 18 credit hours

A minimum of 12 credit hours in residence

PSYC/SOCI-2700 Interpersonal Communication

SOCI-2030 Inter-cultural Theory and Practice

3 credit hours of the following:

ANTH-1610 Cultural Anthropology

IDS-1110 Introduction to International Development Studies

9 credit hours selected from the following, including

at least 3 credit hours from Group A:

Group A

HIST-2030 History of the Canadian Nation Since 1867

HIST/INDS-2040 History of Indigenous Peoples of Canada

IDS-2110 Participatory Local Development

IDS-2171 Crisis, Humanitarian Aid, and Disaster Recovery

IDS-2183 African Development Issues

IDS-2184 Asia/Pacific Development Issues

IDS-2185 Latin American/Caribbean Development Issues

IDS-3160 Cultural Perspectives on Global Processes

PCTS-2221 Restorative Justice

PCTS-3100 Models for Peace and Conflict Transformation

PCTS/PHIL-3800 Whose Violence? Which Peace?

POLS-2120 Peace and Conflict in World Politics

POLS-2200 Human Rights and Dignity

POLS-2400 Comparative Politics of Development: Africa

SOCI/POLS/SWRK-2000 Social Welfare or
SWRK/POLS-2010 Welfare in Canada: Origins
and Current Challenges
SOCI-2060 Sociology of Gender

Group B

BTS-2720 Theologies of the Global South
BTS-3230 Biblical Interpretation Across Cultures
BTS-3710 Theology of Mission
ENGL-3070 World Literature in English
RLGN-1700 Religious Traditions of the World I
RLGN-1710 Religious Traditions of the World II

22.5. Social Service, Concentration within the Social Science Major, and Minor within the B.A.

This program of study engages the practices and dynamics that best foster human dignity, conviviality and strong communities. Extended through the public sector, not-for-profit and social welfare organizations of civil society, social services are key instruments for achieving greater inclusion, participation, self-determination, care, justice, and advocacy. Studies in this area afford insight into the effective delivery of services, the challenges associated with social change and frontline work, and the theoretical foundations that critically inform social service provision. This interdisciplinary concentration prepares students for professional programs in the social services, health care and cognate fields, and for voluntary service in related areas. It also provides an excellent focus for those wishing to draw together an interdisciplinary Social Science degree with a view to keeping doors open for advanced study or employment in the Social Sciences broadly.

22.5.1. Social Service, Concentration within the Social Science Major, Four-year B.A.

Graduation Requirements:

120 credit hours fulfilling the program requirements as specified below

A minimum grade point average of 2.0 (C) in the courses presented for the major

A passing grade in all courses presented for graduation and a minimum grade point average of 2.0 (C) in 120 credit hours

Residency Requirements:

60 credit hours within the degree, including 12 credit hours of the last 30 credit hours in the degree program

9 credit hours of the Ways of Knowing II and Theology requirements

30 credit hours of the major requirements

Common Curriculum Requirements:

INTD-1000 Ways of Knowing I
Theology—6 credit hours
Humanities—3 credit hours

Social Science—3 credit hours
Science—6 credit hours
Practicum—6 credit hours
Anabaptist—3 credit hours
Indigenous—3 credit hours
Making—3 credit hours
Ways of Knowing II—6 credit hours
Academic writing requirement

Major and concentration Requirements:

A minimum of 48 credit hours

A minimum of 30 credit hours at the 2000-level or above, including 12 credit hours at the 3000-level or above

12 credit hours as follows:

SOCI-1110 Introduction to Sociology

9 credit hours from:

ANTH-1610 Cultural Anthropology

IDS-1110 Introduction to International Development Studies

PCTS-1110 Introduction to Peace and Conflict Transformation

POLS-1000 Democracy and Dissent

POLS-1010 Global Politics

PSYC-1010 Introduction to Psychology I: Foundations

PSYC-1020 Introduction to Psychology II: Individuals and Interactions

A concentration of 18 credit hours as follows:

PSYC/SOCI-2700 Interpersonal Communication

SOCI/POLS/SWRK-2000 Social Welfare or
SWRK/POLS-2010 Welfare in Canada: Origins and Current Challenges

12 credit hours from the following:

BTS-2310 Issues in Youth Ministry

BUSI/PSYC-2020 Organizational Behaviour

BUSI-2030 Management and Organizational Theory

IDS/PCTS-2000 The Project Cycle

IDS-2110 Participatory Local Development

IDS/PCTS-4920 Program Planning in Development and Conflict Resolution

PCTS-3100 Models for Peace and Conflict Transformation

POLS-2200 Human Rights and Dignity

PSYC-2110 Social Relationships and Behaviour

PSYC-2210 Developmental Psychology—Adolescence

PSYC-2220 Developmental Psychology—Adulthood

PSYC-2400 Counselling Theories

PSYC/SWRK-2410 Counselling Techniques

SOCI-2020 Communities and Organizations

SOCI-2060 Sociology of Gender

Social science electives—18 credit hours

General electives:

As required to reach a total of 120 credit hours

Degree Regulations:

1. A course may not be used to satisfy requirements for two areas of the common curriculum or to satisfy requirements for both a major and a minor at the same time. A course may simultaneously fulfill a requirement for an area in the common curriculum and for either a major or a minor.
2. This program requires a minimum of 72 credit hours at the 2000-level or above. Thus, only 48 credit hours of 1000-level courses can count toward this program.
3. This program may include a maximum of 12 credit hours of practical skills courses (e.g., Applied music, music ensemble, theatre ensemble, peace skills, media skills), and a maximum of 9 credit hours of practicum. For students who completed PRAC-1000, this program may include a maximum of 12 credit hours of practicum provided that the practicum and practical skills do not exceed 21 credit hours.
4. A student must earn a minimum grade of C in 6 credit hours of introductory Social Science to declare a major in this field.

Additional notes regarding the major and concentration:

1. Social science electives include all courses that CMU offers in the fields of Anthropology, Economics, Geography, History, Indigenous Studies, International Development Studies, History, Peace and Conflict Transformation Studies, Political Studies, Psychology, and Sociology.
2. Students who choose this major and concentration must complete a practicum relevant to Social Service.

22.5.2. Social Service, Concentration within the Social Science Major, Three-year B.A.

Graduation Requirements:

- 90 credit hours fulfilling the program requirements as specified below
- A minimum grade point average of 2.0 (C) in the courses presented for the major
- A passing grade in all courses presented for graduation and a minimum grade point average of 2.0 (C) in 90 credit hours

Residency Requirements:

- 30 credit hours within the degree, including 12 credit hours of the last 30 credit hours in the degree program
- 9 credit hours of the Ways of Knowing II and Theology requirements
- 24 credit hours of the major requirements

Common Curriculum Requirements:

- INTD-1000 Ways of Knowing I Theology—6 credit hours
- Humanities—3 credit hours
- Social Science—3 credit hours
- Science—6 credit hours
- Practicum—6 credit hours
- Anabaptist—3 credit hours
- Indigenous—3 credit hours

- Making—3 credit hours
- Ways of Knowing II—6 credit hours
- Academic writing requirement

Major and concentration Requirements:

- A minimum of 36 credit hours
- A minimum of 18 credit hours at the 2000-level or above, including 6 credit hours at the 3000-level or above

12 credit hours as follows:

SOCI-1110 Introduction to Sociology

9 credit hours from:

ANTH-1610 Cultural Anthropology

IDS-1110 Introduction to International Development Studies

PCTS-1110 Introduction to Peace and Conflict Transformation

POLS-1000 Democracy and Dissent

POLS-1010 Global Politics

PSYC-1010 Introduction to Psychology I: Foundations

PSYC-1020 Introduction to Psychology II: Individuals and Interactions

A concentration of 18 credit hours as follows:

PSYC/SOCI-2700 Interpersonal Communication

SOCI/POLS/SWRK-2000 Social Welfare or

SWRK/POLS-2010 Welfare in Canada: Origins and Current Challenges

9 credit hours from the following:

BTS-2310 Issues in Youth Ministry

BUSI/PSYC-2020 Organizational Behaviour

BUSI-2030 Management and Organizational Theory

IDS/PCTS-2000 The Project Cycle

IDS-2110 Participatory Local Development

IDS/PCTS-4920 Program Planning in Development and Conflict Resolution

PCTS-3100 Models for Peace and Conflict Transformation

POLS-2200 Human Rights and Dignity

PSYC-2110 Social Relationships and Behaviour

PSYC-2210 Developmental Psychology—Adolescence

PSYC-2220 Developmental Psychology—Adulthood

PSYC-2400 Counselling Theories

PSYC/SWRK-2410 Counselling Techniques

SOCI-2020 Communities and Organizations

SOCI-2060 Sociology of Gender

Social science electives—6 credit hours

General electives:

- As required to reach a total of 90 credit hours

Degree Regulations:

1. A course may not be used to satisfy requirements for two areas of the common curriculum or to satisfy requirements for both a major and a minor at the same time. A course may simultaneously fulfill a requirement

for an area in the common curriculum and for either a major or a minor.

2. This program requires a minimum of 42 credit hours at the 2000-level or above. Thus, only 48 credit hours of 1000-level courses can count toward this program.
3. This program may include a maximum of 9 credit hours of practical skills courses (e.g., Applied music, music ensemble, theatre ensemble, peace skills, media skills), and a maximum of 9 credit hours of practicum. For students who completed PRAC-1000, this program may include a maximum of 12 credit hours of practicum provided that the practicum and practical skills do not exceed 18 credit hours.
4. A student must earn a minimum grade of C in 6 credit hours of introductory Social Science to declare a major in this field.

Additional notes regarding the major and concentration:

1. Social science electives include all courses that CMU offers in the fields of Anthropology, Economics, Geography, History, Indigenous Studies, International Development Studies, History, Peace and Conflict Transformation Studies, Political Studies, Psychology, and Sociology.
2. Students who choose this major and concentration must complete a practicum relevant to Social Service.

22.5.3. Social Service, Minor within the Four-year or the Three-year B.A.

Requirements:

A minimum of 18 credit hours

A minimum of 12 credit hours in residence

SOCI-1110 Introduction to Sociology

SOCI/POLS/SWRK-2000 Social Welfare or SWRK/POLS-2010 Welfare in Canada: Origins and Current Challenges

12 credit hours from:

BUSI/PSYC-2020 Organizational Behaviour

BUSI-2030 Management and Organizational Theory

GEOG-1010 Introduction to Human Geography

IDS-1110 Introduction to International Development Studies

IDS/PCTS-2000 The Project Cycle

IDS-2110 Participatory Local Development

IDS/PCTS-4920 Program Planning in Development and Conflict Resolution

PCTS-1110 Introduction to Peace and Conflict Transformation

PCTS-3100 Models for Peace and Conflict Transformation

POLS-1000 Democracy and Dissent

POLS-1010 Global Politics

POLS-2200 Human Rights and Dignity

POLS-2300 Canadian Political Issues

POLS-3500 Gender and Politics

PSYC-1010 Introduction to Psychology I: Foundations

PSYC-1020 Introduction to Psychology II: Individuals and Interactions

PSYC-2110 Social Relationships and Behaviour

PSYC-2210 Developmental Psychology—Adolescence

PSYC-2220 Developmental Psychology—Adulthood

PSYC-2400 Counselling Theories

PSYC/SWRK-2410 Counselling Techniques

PSYC/SOCI-2700 Interpersonal Communication

SOCI-2020 Communities and Organizations

SOCI-2060 Sociology of Gender

23. Bachelor of Social Work, Four-year

Program Chair: Alex Sawatsky, Ph.D.

The Bachelor of Social Work requirements reflect our commitments to social Justice, community, and the environment. The program covers Clinical Skills, Theory, Policy, Research, and Ethics.

The B.S.W. holds pre-accreditation status with the Canadian Association for Social Work Education (CASWE-ACFTS).

Admission Requirements:

27 credit hours of university-level studies with a C+ average

A minimum grade of C in each course presented for admission

The first 27 credit hours must include the following:
SWRK-1000 Exploring Social Work Practice with a minimum grade of C+ (fall 2024 intake: SWRK-1000 is recommended. Must be completed within the first semester of the program.)

PSYC-1010 Introduction to Psychology

PSYC-1010 Introduction to Psychology I: Foundations

PSYC-1020 Introduction to Psychology II: Individuals and Interaction

INDS-1050 Indigenous Peoples of Canada or
HIST/INDS-2040 History of Indigenous Peoples of Canada

For a September start date, 21 credit hours must be completed by April 30 and final transcript submitted by May 30. The required 27 credit hours, including all required courses, must be completed by August 1 and final transcript submitted by August 15.

Graduation Requirements:

120 credit hours fulfilling the program requirements as specified below

A passing grade in all courses presented for graduation and a minimum grade point average of 2.0 (C) in 120 credit hours

A minimum grade of C+ in all Social Work courses (SWRK prefix) presented for graduation

Residency Requirements:

60 credit hours within the degree, including 12 credit hours of the last 30 credit hours in the degree program

9 credit hours of the Ways of Knowing II and Theology requirements

51 credit hours of the Social Work requirements

Common Curriculum Requirements:

INTD-1000 Ways of Knowing I

Theology—6 credit hours

Humanities—3 credit hours

Social Science—3 credit hours

Science—6 credit hours

Anabaptist—3 credit hours

Indigenous—3 credit hours

Making—3 credit hours

Ways of Knowing II—6 credit hours

Academic writing requirement

Social Work Requirements:

SWRK-1000 Exploring Social Work Practice

SOCI/POLS/SWRK-2000 Social Welfare or SWRK/POLS-2010 Welfare in Canada: Origins and Current Challenges

PSYC/SWRK-2410 Counselling Techniques or SWRK-2420 Listening to and Supporting Others

SWRK-2200 Decolonizing Human Behaviour in the Social Environment I

SWRK-2730 Research Methods in Social Work or PSYC-2030 Research Design in Psychology

SWRK-3200 Decolonizing Human Behaviour in the Social Environment II

SWRK-3210 Indigenous People and Social Work Practice

SWRK-3400 Critical Praxis and Anti-Oppressive Social Work Practice for Groups, Organizations and Communities

SWRK/PSYC-3610 Trauma Informed Social Work or SWRK/PSYC-3600 Trauma and Resilience

SWRK-3800 Holistic Ethical Practice

SWRK-3900 Social Work Field Practicum I

SWRK-3910 Social Work Field Seminar I

SWRK-4000 Social Work Today

SWRK-4400 Family Foundations

SWRK-4900 Social Work Field Practicum II

SWRK-4910 Social Work Field Seminar II

12 credit hours from the following:

PCTS-2221 Restorative Justice/SWRK-2221 Social Work and Restorative Justice

PCTS-3120/SWRK-3120 Cultures of Violence, Cultures of Peace

SWRK-3220 Criminology/Victimology and Social Work Practice

SWRK-3300 Environmental Justice and Social Work Practice

SWRK-3410 Social Work Practice: Theories for Practice with Individuals

SWRK-3420 Gerontological Social Work Practice

SWRK-3430/PSYC-3430 Theories of Addiction, Models of Care

SWRK-3440 Disability, Madness, and Social Work

SWRK-3450 2SLGBTQIA+ and Social Work Practice

SWRK-3460 Immigration, Refugees, and

Newcomers

SWRK-4010 Gender, Patriarchy, and the Indian Act: How a Legal Framework has Impacted Indigenous Identities

SWRK-4410 Engaging the World

Ancillary Requirements:

- A minimum of 18 credit hours
 - BIOL-1010 The Evolutionary and Ecological Revolution or BIOL/GEOG/IDS-2010 Introduction to Global Health
 - ENVS/GEOG-1030 Introduction to Environmental Studies
 - INDS-1050 Indigenous Peoples of Canada or HIST/INDS-2040 History of Indigenous Peoples of Canada
 - PSYC-1010 Introduction to Psychology I: Foundations
 - PSYC-1020 Introduction to Psychology II: Individuals and Interactions
 - One of:
 - PCTS-2262 Conflict, Faith, and Community
 - PCTS/IDS-2443 Conflict and Development Issues in Indigenous Communities
 - SOCI-2020 Communities and Organizations
 - ENVS/PCTS-2620 Ecological Peacebuilding

Breadth Requirements:

- Electives outside of Social Work as required to reach a total of 120 credit hours

Degree Regulations:

1. A course may not be used to satisfy requirements for two areas of the common curriculum. A course may simultaneously fulfill a requirement for an area in the common curriculum and a Social Work or ancillary requirement.
2. A minimum grade of C+ is required in all Social Work courses (SWRK prefix). Students will normally be permitted to repeat a given course only once and may not repeat more than three Social Work courses in the entire program. See the Bachelor of Social Work Academic Standing Policy for further details.
3. The Bachelor of Social Work Professional Readiness and Suitability Policy is to ensure students in the program demonstrate attitudes, values, and conduct that are consistent with the Canadian Association of Social Workers' (CASWE) Codes of Ethics and the Manitoba College of Social Workers' (MCSW) Standards of Practice during classroom participation, in written assignments, presentations, and field contexts. See the full policy for further details.
4. The maximum time for completion of the Bachelor of Social Work is 10 years from date of the start of courses within the Bachelor of Social Work program. Any approved leaves of absence are counted within the 10 years.

24. Sociology, Minor within the Bachelor of Arts

Program Advisor: Coordinator of Academic Advising

Sociology is the systematic study of human society. Topics covered include culture, socialization, groups and organizations, social processes, community, social stratification, social change, and major institutions such as religious, economic, educational, or health care institutions, and the family. The sociological perspective will be illustrated by analyzing Canadian society in the context of the global community. At CMU, students are challenged to think about how their faith and beliefs are shaped by society, and about how their faith and beliefs have the potential to shape society. Knowledge of sociology helps students understand themselves, others, and the systems within which they work and live.

Requirements:

- A minimum of 18 credit hours
- A minimum of 6 credit hours in residence
- SOCI-1110 Introduction to Sociology
- Sociology electives—at least 15 credit hours at the 2000-level or above

25. Bachelor of Arts, General, Three-year

Program Advisor: Coordinator of Academic Advising

The Bachelor of Arts (General, Three-Year) provides maximum flexibility for students who wish to pursue studies across the disciplines. Its flexibility allows students to meet entrance requirements to certain professional degree programs.

Graduation Requirements:

90 credit hours fulfilling the program requirements as specified below

A passing grade in all courses presented for graduation and a minimum grade point average of 2.0 (C) in 90 credit hours

Residency Requirements:

30 credit hours within the degree, including 12 credit hours of the last 30 credit hours in the degree program

9 credit hours of the Ways of Knowing II and Theology requirements

12 credit hours from the two required subject fields

Common Curriculum Requirements:

INTD-1000 Ways of Knowing I

Theology—6 credit hours

Humanities—3 credit hours

Social Science—3 credit hours

Science—6 credit hours

Practicum—6 credit hours

Anabaptist—3 credit hours

Indigenous—3 credit hours

Making—3 credit hours

Ways of Knowing II—6 credit hours

Academic writing requirement

Subject Field Requirements:

A minimum of 30 credit hours drawn from two subject fields other than Biblical and Theological Studies, including a minimum of 12 credit hours from each of the two subject fields.

A minimum of 12 credit hours at the 2000-level or above

General electives:

As required to reach a total of 90 credit hours.

Degree Regulations:

1. A course may not be used to satisfy requirements for two areas of the common curriculum or to satisfy requirements for both a major and a minor at the same time. A course may simultaneously fulfill a requirement for an area in the common curriculum and for either a major or a minor.

2. This program requires a minimum of 42 credit hours at the 2000-level or above. Thus, only 48 credit hours of 1000-level courses can count toward this program.

3. This program may include a maximum of 9 credit hours of practical skills courses (e.g., applied music, music ensemble, theatre ensemble, peace skills, media skills), and a maximum of 9 credit hours of practicum.

4. The student will work in consultation with the Program Chair to choose appropriate subject fields to meet educational/vocational objectives.

26. General Major, Three-year B.Sc.

Program Chair: Tim Rogalsky, Ph.D.

Admission Requirements

Track 1- Direct from High School

Must meet CMU's regular admission requirements, plus a minimum grade of 70% in three of the following grade 12 subjects: biology, chemistry, applied or pre-calculus mathematics, physics.

Track 2 – Advanced Entry

30 credit hours of university with a minimum GPA of 2.5(C+), including a minimum GPA of 2.5 (C+) in 12 credit hours of science courses, excluding BIOL-1350, BIOL-1361, BIOL-1371, and the former BIOL-1360 and BIOL-1370.

Graduation Requirements:

90 credit hours fulfilling the program requirements as specified below

A minimum grade point average of 2.0 (C) in the courses presented for the major

A passing grade in all courses presented for graduation and a minimum grade point average of 2.0 (C) in 90 credit hours

Residency Requirements:

30 credit hours within the degree, including 12 credit hours of the last 30 credit hours in the degree program

9 credit hours of the Ways of Knowing II and Theology requirements

18 credit hours of the science requirements

Common Curriculum Requirements:

INTD-1000 Ways of Knowing I

Theology—6 credit hours

Humanities—3 credit hours

Social Science—3 credit hours

Science—6 credit hours

Practicum—6 credit hours

Anabaptist—3 credit hours

Indigenous—3 credit hours

Making—3 credit hours

Ways of Knowing II—6 credit hours

Academic writing requirement

Science Requirements:

Minimum of 42 credit hours

Minimum of 6 credit hours from three of five subject fields: Biology, Chemistry, Computer Science, Mathematics, and Physics, from the following:

BIOL-1010 The Evolutionary and Ecological Revolution

BIOL-1020 The Genetic Revolution

BIOL-1310 Cells and Energy

BIOL-1320 Diversity of Life

CHEM-1010 Structure and Modelling in Chemistry

CHEM-1020 Physical Chemistry

COMP-1030 Introduction to Computer Science I

COMP-1040 Introduction to Computer Science II

MATH-1000 Basic Statistical Analysis

MATH-1020 Introduction to Calculus

MATH-1030 Calculus II

Math-1040 Elements of Discrete Mathematics or

MATH-2000 Discrete Mathematics

PHYS-1010 Physics I: Mechanics of Movement

PHYS-1020 Physics II: Oscillations and Waves

Minimum 24 credit hours of Biology (excluding BIOL-

1350, BIOL-1361, BIOL-1371, and the former BIOL-

1360 and BIOL-1370), Chemistry, Computer Science,

Mathematics, and Physics, including 18 credit hours

at the 2000-level or above, and 6 credit hours at the

3000-level or above.

General Electives:

As required to reach a total of 90 credit hours.

Degree Regulations:

1. A course may not be used to satisfy requirements of two areas of the common curriculum. A course may simultaneously fulfill a requirement for an area in the common curriculum and a science requirement.
2. This program requires a minimum of 42 credit hours at the 2000-level or above. Thus, only 48 credit hours of 1000-level courses can count toward this program.
3. This program may include a maximum of 9 credit hours of practical skills courses (e.g., applied music, music ensemble, theatre ensemble, peace skills), and a maximum of 9 credit hours of practicum.
4. A student must earn a minimum GPA of 2.5 (C+) in 12 credit hours of science courses, excluding BIOL-1350, BIOL-1361, BIOL-1371, and the former BIOL-1360 and BIOL-1370 to continue in the program.

27. Certificate

Program Advisor: Coordinator of Academic Advising

27.1. Certificate in General Studies, One-Year

Requirements: A minimum of 24 credit hours, including 3 credit hours in Biblical and Theological Studies.

Regulations:

1. All courses toward the certificate must be taken in residence. Transfer credits cannot contribute to a certificate program.
2. A student may earn a certificate over a one-year period of full-time study, or over several years of part-time study.
3. The student must achieve a minimum GPA of 2.0.
4. The student normally makes application for the certificate at the beginning of the semester after which the student hopes to receive it.

Course Descriptions

Introductory Explanations

Course Numbering

The course numbers follow the format ABCD-1234, as illustrated by the following two examples:

BTS-2000 Christianity: A (Very) Short Introduction
 MUSC-1000 Music Theory I

The ABCD prefix indicates the subject field of the course. It is an alphabetic code of three or four characters. In the examples above, BTS in the first course number indicates that it belongs to the Biblical and Theological Studies field, and the MUSC in the second indicates that the course belongs to Music. The table below provides the codes for the various subject fields.

Each course in any particular subject field has its own distinctive four-digit number, EFGH in the format shown above. Of these four digits, the first indicates the level of a course. A 1000-level course is an introductory course. A 2000-level course may have prerequisites. If none are specified, the course is available to first-year students. Other courses are designated as 3000- or 4000-level courses, indicating that they are advanced courses and have prerequisites.

Course Offerings in a Particular Academic Session

The following section contains a complete list of courses approved by the CMU Senate for its curriculum. In any given academic year, CMU will offer a selection of courses from this list. CMU will offer its courses in a rotation so as to enable students to fulfill the requirements of their degree programs.

Independent Studies Courses

When a student wishes to study a topic not covered by CMU's regular courses or by courses available elsewhere in Winnipeg, the student may request an independent studies course, if the student has completed at least 60 credit hours and has a minimum cumulative GPA of 3.0 and a minimum GPA of 3.5 in the major. To confirm eligibility and to begin the process of making a request, students should see the Registrar.

The independent studies courses in the following course list have a value 3 credit hours. In special circumstances, students may request a 6 credit-hour course.

Prerequisites and Corequisites

Often a course is specified as a prerequisite within the description of another course, meaning that the course so specified must be taken before enrolling in the course for which it is a prerequisite. Sometimes a corequisite is

specified, meaning that the student must enrol in both the corequisite course and the course for which it is a corequisite during the same semester.

Most courses at the 3000-level or higher have prerequisites. Normally, they are available only to students who have completed at least 30 credit hours of university-level studies, including introductory course work in the subject field of the course under consideration.

Subject Field Codes

Subject Fields	Codes
Academic Writing	ACWR
Anthropology	ANTH
Biblical and Theological Studies	BTS
Biology	BIOL
Business and Organizational Administration	BUSI
Chemistry	CHEM
Communications and Media	COMM
Computer Science	COMP
Economics	ECON
English	ENGL
Environmental Studies	ENVS
Geography	GEOG
History	HIST
Indigenous Studies	INDS
Interdisciplinary Studies	INTD
International Development Studies	IDS
Languages	LANG
Mathematics	MATH
Music	MUSC
Music Therapy	MUTH
Peace and Conflict Transformation Studies	PCTS
Philosophy	PHIL
Physical Education	PHED
Physics	PHYS
Political Studies	POLS
Practicum	PRAC
Psychology	PSYC
Religion	RLGN
Social Work	SWRK
Sociology	SOCI

Courses Presented by Subject Field

Academic Writing

ACWR-1010 Writing for Academic Purposes (3.0 credit hours) This course is designed to equip students with essential skills for writing in an academic context. Students will learn a variety of forms commonly required, including in particular book reviews and research essays. *Students who have earned a grade of less than 73% in Grade 12 English must register in ACWR-1010.*

Anthropology

ANTH-1610 Cultural Anthropology (3.0 credit hours) The comparative study of human societies and cultures, including language, economic, and political organization, family and kinship, ritual and belief systems, and cultural stability and change.

ANTH-1620 Human Origins and World Prehistory (3.0 credit hours) An introduction to the study of the biological nature of the human species and its origins, and of the cultural and biological record of the past. Topics to be engaged include biological evolution, the positions of humans within the Order Primates, the human fossil record, the nature of modern human variation, the nature of the archaeological record of the past, and the methods of archaeology.

ANTH-2820 Aggression, Violence, and War in a Social-Scientific Perspective (3.0 credit hours) This course will investigate and assess psychological, sociological, anthropological, and socio-biological perspectives and theories of aggression, violence, and war. Case studies will be used to test the applicability of these theories, and their usefulness for approaching peacebuilding work. *Prerequisite(s): PCTS-1110, PSYC-1020, SOCI-1110, or both ANTH-1610 and ANTH-1620. Cannot be held with the cross-listed course PCTS-2820.*

Biblical and Theological Studies

Biblical and Theological Studies invites students to disciplined, thoughtful reflection on the Bible, on the theological traditions and history of the church, and on the experiences and practices of Christian communities around the world. Students develop skills to apply biblical and theological wisdom to contemporary personal and social issues. Students also discover ways in which they might be transformed as they reflect on how Christian faith and practice can be of service to God and the world. CMU seeks to foster dialogue between this field of inquiry and other academic disciplines, between

the Anabaptist/Mennonite tradition and the diversity of Christian traditions, and between Christian thought and the variety of worldviews. Biblical and Theological Studies will prepare students for their vocation to live as Christians and for various ministries within the church or with church-related organizations.

All degree programs require the completion of at least 6 credit hours of Biblical and Theological Studies. See the COMMON CURRICULUM REQUIREMENTS section of this calendar. Students who wish to major in Biblical and Theological Studies may choose from the following options within a Bachelor of Arts program:

- Four-year Honours
- Four-year
- Three-year

For details regarding the requirements of these programs, see the ACADEMIC PROGRAMS section of this calendar.

Categorization of courses in Biblical and Theological Studies

Each of the following courses may belong to at least one of the five categories:

- Bible
- History of Christianity
- Practical Theology
- Theology
- Thematic

BTS-1110 Biblical Literature and Themes (3.0 credit hours) This introductory course, intended for students familiar with the Bible, provides an overview of the Bible and biblical studies by exploring the content of the biblical story and its major themes; the geographic, cultural, and social contexts out of which the Bible emerged; the different types of literature in the Bible; and various ways of reading and interpreting biblical texts. *Cannot be held with BTS-1120 or BTS-1130.*

BTS-1120 Encountering the Bible (3.0 credit hours) This course introduces first-time readers of the Bible to the overarching story that the Bible tells and to the major characters, events, and themes of this story. The course will also sample scholarly and popular approaches to interpreting biblical texts and discuss ways in which the Bible shapes both Judaism and Christianity. *Cannot be held with BTS-1110 or BTS-1130.*

BTS-1130 Introducing Jesus: An Overview of the Christian Bible (3.0 credit hours) This course provides an overview of the Bible, by starting first with the life and ministry of Jesus, and then looking backward to his heritage (the Old Testament), and then forward to his legacy (the New Testament). The course will explore the various blocks and kinds of biblical writings and their core theological themes, while taking note of diversity within

coherence, and change within continuity. *Cannot be held with BTS-1110 or BTS-1120.*

BTS-2000 Christianity: A (Very) Short Introduction (3.0 credit hours) This course will survey the history, thought, and practice of Christianity, from the period of the early church to the present. *BTS Category: Thematic.*

BTS-2090 Mennonites in Canada and the United States (3.0 credit hours) A study of Mennonite social history in Canada and the United States from the first immigrations in the seventeenth century to the present, with special emphasis on Canada. *BTS Category: History of Christianity. Cannot be held with the cross-listed course HIST-2090.*

BTS-2100 Old Testament Book Study (3.0 credit hours) A study of an Old Testament book, focusing on its theological, historical, and contemporary meaning. *BTS Category: Bible.*

BTS-2110 New Testament Book Study (3.0 credit hours) A study of a New Testament book, focusing on its theological, historical, and contemporary meaning. *BTS Category: Bible.*

BTS-2160 The Psalms (3.0 credit hours) This course seeks to explore the art of biblical poetry, the theological and moral vision of the Psalms, and the function of these poems in the context of life and worship, both in ancient Israel and in contemporary spirituality. *BTS Category: Bible.*

BTS-2170 Wisdom Literature (3.0 credit hours) A study of the books Proverbs, Job, Ecclesiastes, and other wisdom writings, with a focus on the nature of wisdom in ancient Israel, and the theological and ethical concerns of the biblical wisdom tradition. *BTS Category: Bible.*

BTS-2180 The Synoptic Gospels (3.0 credit hours) This course involves a study of the three Synoptic Gospels—Matthew, Mark, and Luke. It includes a treatment of their origins and inter-relationships, as well as an examination of their literary character and their distinctive theological presentations of Jesus. *BTS Category: Bible.*

BTS-2190 Luke-Acts (3.0 credit hours) Luke is distinctive among the four Gospels in that it is the first volume of a two-part composition: Luke-Acts. The course investigates the literary character, social context, and theology of this two-volume composition that tells the story of the emerging church from the beginning of the ministry of Jesus in Galilee to the imprisonment of Paul in Rome. *BTS Category: Bible.*

BTS-2200 Reading the Bible as a Witness to Liberation (3.0 credit hours) An introduction to the Bible as a witness to ways in which God liberates persons and communities from situations of oppression into ways of liberation,

freedom, and transformation. While the various witnesses may sometimes seem cacophonous, the course will allow students to explore liberation as a common theme. Among other things, the course will prepare students to have a better appreciation of the continuities between the two testaments. *BTS Category: Introductory Bible.*

BTS-2230 Biblical Perspectives on Peace and Justice (3.0 credit hours) The biblical writings are rich with images of peace and justice. This course seeks a deeper understanding of these biblical themes in light of the prevalence of violence and conflict in the ancient world and today. *BTS Category: Bible.*

BTS-2240 Encounter and Transformation: Exploring Biblical Spiritualities (3.0 credit hours) The course explores the lived experience of faith and life as that is reflected in the rich diversity of biblical texts. The course focuses on the way knowing, experiencing, and responding to the presence of God is exemplified in and mediated by the Bible. Building on the varieties of spirituality in the Bible, the course also attends to the ways in which the Bible has nurtured the spirituality's of those who have read, studied, and prayed the scriptures. *BTS Category: Bible.*

BTS-2250 Ecotheology (3.0 credit hours) Concepts such as dominion, subjugation, and control are theologically charged concepts that have historically informed Christians' approach to creation. The course will begin with a critical analysis of these concepts. We will then undertake a rereading of the biblical corpus that engenders creative and countercultural ecotheologies of care and kinship that place humans alongside others in creation in mutually belonging ways. We will be in dialogue with contemporary approaches to ecology and creation care, including Indigenous perspectives. *BTS Category: Bible or Theology.*

BTS-2260 Discipleship in the New Testament (3.0 credit hours) A central emphasis in the New Testament writings is discipleship, that is, "following Jesus" (Gospels) or living a new life "in Christ" (Paul). This course explores the various perspectives on discipleship in the New Testament, to understand those perspectives in their historical and literary contexts, and to draw out their implications for followers of Jesus today. *BTS Category: Bible.*

BTS-2295 Topics in Biblical Studies (3.0 credit hours) A study of selected writings and/or themes in the Bible. Possible topics may span the whole Bible or focus on either Old or New Testament. The content of this course will vary from year to year, depending on the needs of students and the interests and availability of instructors. *BTS Category: Bible.*

BTS-2300 Principles and Paradigms in Youth Ministry (3.0 credit hours) Students will evaluate commonly used

youth ministry strategies and identify a paradigm for congregational youth and family ministry that is biblically based, historically informed, developmentally appropriate, and consists of purposefully designed programs that will meet the needs and interests of today's youth. *BTS Category: Practical Theology.*

BTS-2301 Music Ministry and Resources (3.0 credit hours) An introduction to music ministry in the church. Attention will be focused on the function of music in the context of Christian worship. In addition to exploring a variety of worship music styles and resources, attention will also be given to the development of leadership skills for music ministry. *BTS Category: Practical Theology. Cannot be held with the cross-listed course MUSC-2300.*

BTS-2310 Issues in Youth Ministry (3.0 credit hours) The post-modern world creates challenges and opportunities for the church's ministry to youth. Pressures and crises that put youth at risk will be identified and the issues with which many struggle will be explored with a goal of finding ministry responses that can lead to healthy growth and development. *BTS Category: Practical Theology.*

BTS-2311 Hymnology: The History of Congregational Song (3.0 credit hours) A study of the historical development and practice of the various streams of Christian congregational song up to the early twentieth century. Primary attention will be given to the creation of worship music (the sources of texts and tunes), its practice (leadership styles, modes of presentation), and its function in liturgy, proclamation, and education. *BTS Category: Practical Theology. Cannot be held with the cross-listed course MUSC-2310.*

BTS-2330 Marriage and Family in Christian Perspective (3.0 credit hours) A study of the institutions of marriage and family as found in biblical and contemporary contexts. This course will explore the church's ministry to families and include issues of singleness, pre-marriage relationships, gender roles, and family functioning including special dynamics created by adoption, childlessness, divorce, and remarriage. *BTS Category: Practical Theology.*

BTS-2331 Leading Music and Worship (3.0 credit hours) A study of preparing and leading worship, with a primary focus on enabling the congregational voice. Attention will be given to understanding the theological and musical bases for song selection within a variety of worship traditions, as well as the development of practical leadership skills, both spoken and sung. *BTS Category: Practical Theology. Cannot be held with the cross-listed course MUSC-2330.*

BTS-2370 The Art of Worship (3.0 credit hours) This course explores the meaning of worship through an

examination of its practice. It will reflect on the role of preaching, music, prayer, and the dramatic and visual arts in worship. It will introduce the principles and practices of vital worship leadership, and it will provide opportunity to develop basic skills in worship leading and public communication. *BTS Category: Practical Theology.*

BTS-2410 Elementary Biblical Greek I (3.0 credit hours) This course will introduce students to the fundamentals of Koine Greek grammar and vocabulary. Selected prose texts in the New Testament will be read and translated. *Cannot be held with the cross-listed course LANG-2410.*

BTS-2420 Exploring Christian Spirituality (3.0 credit hours) An introductory survey of various traditions and disciplines of Christian spirituality in the context of their historical development and contemporary expression. Students will be challenged to expand the scope of their understanding and practice of Christian spirituality as they engage and process the course material from within the context of their own religious traditions. *BTS Category: Practical Theology.*

BTS-2421 Elementary Biblical Greek II (3.0 credit hours) A continuation of the fundamentals of Koine Greek grammar and vocabulary. Selected prose texts in the New Testament will be read and translated. *Prerequisite(s): BTS-2410 or LANG-2410. Cannot be held with the cross-listed course LANG-2420.*

BTS-2495 Topics in Practical Theology (3.0 credit hours) The content of this course will vary from year to year, depending on the needs of students and the interests and availability of instructors. *BTS Category: Practical Theology.*

BTS-2550 History of Christianity (3.0 credit hours) A survey of the historical developments in Christianity from the early church to the present. Attention will be paid to the manner in which Christianity was influenced by its social setting and at the same time stimulated change in its host culture. *BTS Category: History of Christianity. Cannot be held with the cross-listed course HIST-2550.*

BTS-2560 Anabaptist Beginnings (3.0 credit hours) A study of the history, beliefs, and significance of the sixteenth-century Anabaptist movements. *BTS Category: History of Christianity.*

BTS-2570 Anabaptism: From European to Global Reality (3.0 credit hours) This course explores the evolving character of Anabaptist identity over a 500-year period. The course will begin by giving attention to sixteenth-century origins in Europe and it will follow the ongoing story of how Anabaptist communities evolved over several centuries before becoming a global reality. The course may give attention to selected issues and themes. For the most part, the accent in this course will

be on the Mennonite story. *BTS Category: History of Christianity. Cannot be held with the cross-listed course HIST-2570.*

BTS-2580 Saints, Martyrs, and Heretics: Exploring Theological Lives (3.0 credit hours) Why does the Christian tradition see fit to hold up certain exemplary lives as worthy of special attention? How do churches decide whom to venerate as a saint and whom to condemn as a heretic? Why do martyrs often find themselves torn between the categories of saint and heretic? What sorts of communities are formed by these exercises? This is course is an exercise in theology as biography, focusing on three forms of life that have figured prominently in the Christian tradition. *BTS Category: Theology.*

BTS-2695 Topics in History of Christianity (3.0 credit hours) The content of this course will vary from year to year, depending on the needs of students and the interests and availability of instructors. *BTS Category: History of Christianity.*

BTS-2700 Disability and Difference: Philosophical and Theological Perspectives (3.0 credit hours) The study of physical and mental disability offers the opportunity to discover both the problems and the potential of central philosophical and theological concerns: free will, reason, morality, solidarity, suffering, sin, and salvation, among others. Our goal in this class is to begin to see the indispensability of disability for our own self-understanding. Readings from ancient, modern, and contemporary authors will be included, from a variety of philosophical and theological perspectives, including the perspectives of persons with disabilities. *BTS Category: Theology. Cannot be held with the cross-listed course PHIL-2700.*

BTS-2720 Theologies of the Global South (3.0 credit hours) A study of Christian writers whose orientation is non-Western. Theological works from Asia, Africa, and Latin America will be studied. *BTS Category: Theology.*

BTS-2740 Christianity and Art (3.0 credit hours) The key claims and controversies of the Christian tradition are often thought to be associated primarily with the spoken word or the written text. But the history of Christianity is not limited to the production of creedal confessions and doctrinal statements. From their earliest beginnings, Christians have also been involved in the production of a rich and varied visual culture. This course will explore some of the ways Christians have attempted to reflect on their understanding of the Christian life through the production of painting, sculpture, architecture, and other forms of visual art. It will also provide an opportunity to consider Christianity's complex relationship with images more generally by exploring the debate between those who claim that the production of Christian images can be a profound expression of faith and those who argue that

any production of Christian images is an act of supreme unfaithfulness. *BTS Category: Theology.*

BTS-2750 Introduction to Christian Ethics (3.0 credit hours) A historical survey of Christian ethics from Greek thought to the present. Contemporary themes like liberation theology, peace theology, and feminism will be included. *BTS Category: Theology.*

BTS-2760 The Martyrs Mirror (3.0 credit hours) The *Martyrs Mirror* is arguably the most important book in the Anabaptist tradition. This course will study both the content of this notable book and the historical context in which it came to be. Its relationship both to the wider tradition of Christian martyrdom and to its early-modern contemporaries like Foxe's *Book of Martyrs* will be examined. Questions related to the way it shaped and continues to shape the Anabaptist tradition will also be explored. *BTS Category: History of Christianity and Theology.*

BTS-2780 Political Theology (3.0 credit hours) A study of different approaches to political theology, including medieval and modern political theologies and the new political theology, as exemplified by the theologians Metz, Soelle, and Moltmann. It will also engage those approaches from the standpoint of the radical reformation tradition. *BTS Category: Theology.*

BTS-2800 Theology of Peace and Justice (3.0 credit hours) This course explores selected literature on peace and justice, focusing on responses to conflict, violence, and war from the perspectives of Christian Pacifism and the Just War tradition. *BTS Category: Theology.*

BTS-2895 Topics in Theology (3.0 credit hours) The content of this course will vary from year to year, depending on the needs of students and the interests and availability of instructors. *BTS Category: Theology.*

BTS-2920 Gender, Sexuality, and Theology (3.0 credit hours) An exploration of gender relationships in church and society with a particular attention to how the category (experience of gender) has shaped and influenced society and Christian faith and practices, and conversely, how the Christian faith and society have influenced gender and the embodiment of human sexuality. *BTS Category: Thematic. Cannot be held with the cross-listed course SOCI-2920.*

BTS-2930 Biblical and Theological Studies Tour (3.0 credit hours) A study tour that takes students to international settings to enhance their knowledge and understanding of the Christian church. The course consists of (a) requisite readings, lectures, and research, (b) excursions and presentations led by qualified resource people while touring the study location, and (c) a summative assignment upon return. *Prerequisite(s): 30*

credit hours of university-level studies. *BTS Category: Thematic.*

BTS-2940 Film, Faith, and Popular Culture (3.0 credit hours) This course is a conversation between contemporary movies and Christian faith. It explores how films reflect and shape the worldview, the commitments, and the virtues or vices of society, and how they express a religious or theological vision within popular culture. *BTS Category: Thematic. Cannot be held with the former TFA-2010.*

BTS-2995 Topics in Biblical and Theological Studies (3.0 credit hours) The content of this course will vary from year to year, depending on the needs of students and the interests and availability of instructors. *BTS Category: Thematic.*

BTS-3110 Prophets of Israel (3.0 credit hours) The course explores how the Israelite prophets responded to political, social, and religious crises by offering critical and constructive analysis, by announcing alternative visions of the future, and by calling for a just social order rooted in faithfulness to one God. The course includes reflection on: social scientific perspectives on prophecy; specific prophetic books; stories of individual prophets; and the theological significance of the prophetic literature. *Prerequisite(s): 30 credit hours of university-level studies, including 6 credit hours in Biblical and Theological Studies. BTS Category: Bible.*

BTS-3120 Dante: *The Divine Comedy* (3.0 credit hours) When, at the mid-point of his life, Dante found himself in the midst of a crisis, he turned to the dead to help him find his way. Equal parts literature, poetry, history, politics, philosophy, and theology, this course will follow Dante's epic journey through hell, purgatory, and heaven as recorded in *The Divine Comedy*. *Prerequisite(s): 6 credit hours of introductory English (1010-1050), including one of ENGL-1010, ENGL-1020, or ENGL-1050, or 6 credit hours of 1000- or 2000-level Philosophy. BTS Category: Theology. Cannot be held with the cross-listed courses ENGL-3120 or PHIL-3120.*

BTS-3130 Beginnings: *Genesis to Deuteronomy* (3.0 credit hours) A study of the first five books of the Bible which tell the foundational stories of ancient Israel, and whose narratives and laws shape the identity and mission of the people of God. The course will focus on the content, background, style, and theological vision of the books of Genesis, Exodus, Leviticus, Numbers, and Deuteronomy. *Prerequisite(s): 30 credit hours of university-level studies, including 6 credit hours in Biblical and Theological Studies. BTS Category: Bible.*

BTS-3170 Paul, Apostle to the Gentiles (3.0 credit hours) The course investigates the principal writings of Paul in the New Testament to discover how his thought guided the communities formed by his mission to the

Gentiles. Attention will be given to Paul's sense of call, his central convictions, method of argument, opponents, approach to cultural diversity, and view of the Jewish law. *Prerequisite(s): 30 credit hours of university-level studies, including 6 credit hours in Biblical and Theological Studies. BTS Category: Bible.*

BTS-3220 Apocalypse: Then and Now (3.0 credit hours) With its ferocious multi-headed beasts, evil empires, angelic hosts, and other strange symbolism, apocalyptic literature is a challenge to interpret. This course explores the origins, worldview, and content of apocalyptic texts like Ezekiel 38-39, Daniel, Revelation, Mark 13, and several non-biblical writings, and how these texts portray God defeating earth's evil empires and replacing them with the eternal reign of God. The course will also engage interpreters and movements throughout the ages, including the contemporary 'Left Behind' phenomenon, who have used apocalyptic texts to argue that the End is near. *Prerequisite(s): 30 credit hours of university-level studies, including 6 credit hours in Biblical and Theological Studies. BTS Category: Bible.*

BTS-3240 New Testament Economics (3.0 credit hours) A study of the economic structures, practices, and thinking during the New Testament period, focusing on such themes as wealth, poverty, labour, and possessions. A review of contemporary economic theory and Christian practice will be considered in the light of the historical and biblical exploration. *Prerequisite(s): 30 credit hours of university-level studies, including 6 credit hours in Biblical and Theological Studies. BTS Category: Bible.*

BTS-3246 Biblical Languages for Exegesis (3.0 credit hours) This course introduces students to biblical Hebrew and Greek. It is designed for non-specialists looking for Hebrew and Greek language tools that facilitate study of the biblical text. The goal is to illuminate the characteristics and distinctive features of each language in order to help students evaluate commentaries, engage in advanced linguistic and semantic analysis, and use Bible computer programs and printed research aids. *Prerequisite(s): 30 credit hours of university-level studies, including 6 credit hours in Biblical and Theological Studies. BTS Category: Bible.*

BTS-3260 Plato's *Republic* and Paul's *Romans in Dialogue* (3.0 credit hours) Plato's *Republic* and Paul's *Romans* are both discourses on the concept of justice, encompassing the body politic, the just individual within it, and the entire cosmos. Following an overview of Platonism and Paulinism within their respective Greek and Judeo-Christian traditions, this course will consist of a close reading consecutively of the *Republic* and *Romans* and will conclude with a comparison and dialogue between these two classics and the traditions they represent. *Prerequisite(s): 30 credit hours of university-level studies, including 6 credit hours in Biblical and Theological*

Studies. BTS Category: Bible. Cannot be held with the cross-listed course POLS-3260.

BTS-3280 Feminist Perspectives on Bible and Theology (3.0 credit hours) Recognizing that how we interpret the Bible, do theology, and practice faith is always contextual, this course will explore the critical engagement of Scripture and theology from a feminist perspective. It will survey how feminist discourse has changed over the years; explore contributions of feminist scholars to biblical studies and to understandings of God, church, and spirituality; and acknowledge contributions of womanist theologies and non-Euro-American feminist theologies. Attention will be given to how themes and issues in feminist theology and biblical interpretation intersect with our own lives and how they might contribute to furthering relationships of mutuality, justice, and shalom *Prerequisite(s): 30 credit hours of university-level studies, including 6 credit hours in Biblical and Theological Studies. BTS Category: Bible and Theology.*

BTS-3290 Jesus in John (3.0 credit hours) This course is a study of the literature and theology of the Gospel and Letters of John. It will examine the distinctive portrayal of Jesus in the Johannine writings and the implications of that understanding of Jesus for ancient and contemporary readers. *Prerequisite(s): 30 credit hours of university-level studies, including 6 credit hours in Biblical and Theological Studies. BTS Category: Bible.*

BTS-3295 Topics in Biblical Studies (3.0 credit hours) A study of selected writings and/or themes in the Bible. Possible topics, which may span the whole Bible or focus on either testament, include kingdom of God, worship, law, economics, work and rest, gender, the family, apocalyptic, spirituality, leadership, images of God and humanity, divine sovereignty and human freedom, the people of God and the nations. *Prerequisite(s): 30 credit hours of university-level studies, including 6 credit hours in Biblical and Theological Studies. BTS Category: Bible.*

BTS-3310 Church Renewal and Music in the Twentieth Century (3.0 credit hours) A study of the renewal movements in the twentieth century, studying both their theology and music, including the impact of Vatican II, the charismatic movement, Taizé, Vineyard movement, etc. Attention will also be given to developments in contemporary hymnody. *Prerequisite(s): 30 credit hours of university-level study. BTS Category: Practical Theology. Cannot be held with the cross-listed course MUSC-3310.*

BTS-3340 Ministry Seminar (3.0 credit hours) In this seminar students will engage in theological reflection on the nature of the church's ministry (a broad understanding of the church's ministry will be assumed, from pastoral ministry to missions and outreach ministry to music ministry, etc.). It will explore concepts and characteristics of the ministry of the church and examine related issues such as leadership and authority, gender,

ethics, etc. The seminar will provide opportunity for students to engage in discernment of vocational calling as well as aptitudes and gifts. *Prerequisite(s): 30 credit hours of university-level studies, including 6 credit hours of Biblical and Theological Studies. BTS Category: Practical Theology.*

BTS-3370 Pastoral Care and Counselling (3.0 credit hours) A theoretical and practical examination of the critical areas of pastoral care and counselling for ministry to persons in transition and crisis. Resources, methods, and approaches will give insight into the issues of pastoral care and counselling from a biblical and theological understanding of God and human experience. *Prerequisite(s): 30 credit hours of university-level studies, including 6 credit hours of Biblical and Theological Studies. BTS Category: Practical Theology.*

BTS-3420 Liturgical Arts in Worship (3.0 credit hours) This course will explore the use of litanies, drama, storytelling, music, Scripture, and other oral and visual arts in worship. *Prerequisite(s): 30 credit hours of university-level studies, including 6 credit hours of Biblical and Theological Studies. BTS Category: Practical Theology.*

BTS-3440 Christian Spiritual Formation (3.0 credit hours) A course designed to help students deepen their spiritual formation in the context of their own Christian tradition. To this end students will conduct primary research into their own tradition of Christian spirituality in dialogue with other traditions. Participation in selected spiritual practices and a weekend retreat are expected. *Prerequisite(s): 30 credit hours of university-level studies, including BTS-2420. BTS Category: Practical Theology.*

BTS-3450 Theologies of Power (3.0 credit hours) The course will begin with an historical survey of the understanding of power in the church and society including biblical perspectives on power. Also, this course will reflect on contemporary views of power and powerlessness. It will include a reflection on how power, authority, and accountability function in the church, specifically in leadership. *Prerequisite(s): 30 credit hours of university-level study, including 6 credit hours in Biblical and Theological Studies. BTS Category: Practical Theology and Theology.*

BTS-3495 Topics in Practical Theology (3.0 credit hours) The content of this course will vary from year to year, depending on the needs of students and the interests and availability of instructors. *Prerequisite(s): 30 credit hours of university-level studies, including 6 credit hours of Biblical and Theological Studies. BTS Category: Practical Theology.*

BTS-3520 Sixteenth-Century Reformations (3.0 credit hours) A study of the Reformations of the sixteenth century, including the Lutheran, Reformed, Anglican, Anabaptist, and Roman Catholic reforms within their

social and political contexts. Special attention will be given to the key texts of the various movements.

Prerequisite(s): 30 credit hours of university-level studies, including 6 credit hours in Biblical and Theological Studies. BTS Category: History of Christianity.

BTS-3550 Trans-Atlantic Evangelicalism (3.0 credit hours) In 1647 George Fox spoke of “an inward transformation of heart.” In 1738 Charles Wesley “felt my heart strangely warmed;” and in 1921, Aimee Semple McPherson heard a sermon that, “seemed to pierce like an arrow through my heart.” From hearts so touched and divine warmth came many active in their faith, communities, and in such causes as abolitionism and temperance. Evangelicalism also engaged the mind where science, theology, arts, and culture were explored seriously. In this course we will explore evangelicalism in an international context over the past three centuries and how in its diversity it engaged culture, society, the church, and the individual through the heart and mind. *Prerequisite(s): 30 credit hours of university-level study, including 6 credit hours of 1000- or 2000-level History. BTS Category: History of Christianity. Cannot be held with HIST-3550.*

BTS-3595 Topics in History of Christianity (3.0 credit hours) The content of this course will vary from year to year, depending on the needs of students and the interests and availability of instructors. *Prerequisite(s): 30 credit hours of university-level studies, including 6 credit hours in Biblical and Theological Studies. BTS Category: History of Christianity.*

BTS-3700 The City and the Soul: Encountering Winnipeg Through *The Wire* (3.0 credit hours) This course takes up the longstanding analogy of the city and the soul and explores it in the context of the contemporary city. Through an extended reading of *The Wire*—a critically acclaimed TV drama about the city—it invites students to reflect on what it might mean to pursue the good life in Winnipeg. *Prerequisite(s): 30 credit hours of university-level study, including 6 credit hours of Philosophy. BTS Category: Theology. Cannot be held with the cross-listed courses PHIL-3700 or SOCI-3700.*

BTS-3710 Theology of Mission (3.0 credit hours) A critical survey of the history of Christian mission throughout the world to provide a framework for an understanding of recent developments in the theology of mission. Mennonite contributions to this discourse will receive significant attention. The course will conclude with a consideration of the nature of missionary witness to secular Western society. *Prerequisite(s): 30 credit hours of university-level studies, including 6 credit hours in Biblical and Theological Studies. BTS Category: Theology.*

BTS-3720 Peace and War in Christian History (3.0 credit hours) This course is both an historical survey of the Christian Church’s teaching and practice regarding war

and peace and a theological consideration of various views held in the contemporary church. Of particular interest will be the connection (or not) of Christian discipleship to issues of war and peace. Students will engage Biblical texts, texts from the early church, medieval, Reformation, and Enlightenment periods, and recent sources as a way of confronting contemporary issues surrounding war and peace. *Prerequisite(s): 30 credit hours of university-level studies, including 6 credit hours in Biblical and Theological Studies. BTS Category: Practical Theology and Theology.*

BTS-3740 Social Issues in Christian Perspective (3.0 credit hours) An examination of how the Christian imagination informs and addresses several social issues in today’s world. Students will choose a specific social issue from areas such as medical ethics, business ethics, political ethics, and sexuality. *Prerequisite(s): 30 credit hours of university-level studies, including 6 credit hours in Biblical and Theological Studies. BTS Category: Theology.*

BTS-3750 Shakespeare, Philosophy, and Religion (3.0 credit hours) Taking a cue from the American philosopher Stanley Cavell, this course places the work of Shakespeare into conversation with early modern philosophy and religion. In particular, it will explore the claim that Shakespeare’s tragic and post-tragic plays—*Othello*, *King Lear*, *The Winters Tale*, *The Tempest*—are responding in different ways to the same challenges associated with early modern philosophers such as René Descartes. Finally, it will examine how these issues play out in early modern religious life and thought. *Prerequisite(s): 30 credit hours of university-level studies. BTS Category: Thematic. Cannot be held with the cross-listed course ENGL-3750 or PHIL-3750.*

BTS-3760 Literature and Theology (3.0 credit hours) An interdisciplinary study of literary and doctrinal texts that invites students to experience these sources theologically and imaginatively, doing so in a way that enables the study of various themes such as redemption, forgiveness, love and fidelity to others and to creation. *Prerequisite(s): 30 credit hours of university-level studies, including 6 credit hours in either Biblical and Theological Studies or introductory English (1010-1050), the latter of which must include one of ENGL-1010, ENGL-1020, or ENGL-1050. BTS Category: Theology. Cannot be held with the cross-listed course ENGL-3760.*

BTS-3765 Mennonite Literature and Theology (3.0 credit hours) Writers of Mennonite heritage have found a prominent place in Canadian and American literature, and Mennonite literature, broadly understood to include fiction, poetry, memoir, and literary criticism, has become a recognizable minor literature in North America. This course will provide an opportunity to read and consider theological writings alongside of Mennonite literature produced by writers such as Rudy Wiebe, Julia Kasdorf, Miriam Toews, David Bergen, Dora Dueck, and Di Brandt,

attempting to understand literary style, thematic developments, Mennonite sensibilities embraced or denied and so on. Given the unique opportunity afforded by our location, the course may incorporate presentations by Winnipeg writers. *Prerequisite(s): 30 credit hours of university-level studies, including 6 credit hours in Biblical and Theological Studies. BTS Category: Theology. Cannot be held with the cross-listed course ENGL-3765.*

BTS-3770 Anabaptist-Mennonite Theology (3.0 credit hours) A study of several central beliefs of the Anabaptist-Mennonite faith tradition. Examples are church-world, baptism, pacifism, biblical authority, and discipleship. *Prerequisite(s): 30 credit hours of university-level studies, including 6 credit hours in Biblical and Theological Studies. BTS Category: Theology.*

BTS-3780 Faith and Toleration (3.0 credit hours) This course explores the dynamics of faith and toleration in historical and contemporary perspective within the Christian tradition. The course addresses topics such as the following: violence within Christianity, settler and Indigenous relations, race relations, gender identity and the church, domestic violence, and interreligious relations. An over-arching aim in the course is to interrogate the notion of toleration and to develop theoretical resources that support the work of reconciliation and peace. *Prerequisite(s): 30 credit hours of university-level studies, including 6 credit hours in Biblical and Theological Studies. BTS Category: Theology. Cannot be held with the cross-listed course PCTS-3780.*

BTS-3895 Topics in Theology (3.0 credit hours) The content of this course will vary from year to year, depending on the needs of students and the interests and availability of instructors. *Prerequisite(s): 30 credit hours of university-level studies, including 6 credit hours in Biblical and Theological Studies. BTS Category: Theology.*

BTS-3995 Topics in Biblical and Theological Studies (3.0 credit hours) The content of this course will vary from year to year, depending on the needs of students and the interests and availability of instructors. *Prerequisite(s): 30 credit hours of university-level studies, including 6 credit hours in Biblical and Theological Studies. BTS Category: Thematic.*

BTS-4000 Honours Thesis (6.0 credit hours) *This course is restricted to students completing an honours program in BTS. Eligible students should refer to the Thesis Writing Procedures in the ACADEMIC POLICIES AT SHAFTESBURY CAMPUS section of this calendar.*

BTS-4030 Pentateuch (3.0 credit hours) This course will focus on the first five books of the Hebrew Bible also known as the Torah. We will examine a number of introductory issues (such as composition and background) and give some attention to the Pentateuch's

major themes (creation, people, Exodus, war, covenant, law, sacrificial system, etc.). The course will also survey all five books in order to assess their theological significance both with respect to ancient Israel and the church today. *Prerequisite(s): 60 credit hours of university-level studies, including 9 credit hours of Biblical and Theological Studies. BTS Category: Bible.*

BTS-4040 Old Testament Theology (3.0 credit hours) The primary objective of this course is to articulate the notion of a theological centre and to verify how it is expressed in its various parts. This centre will be used as a principle of integration for the diversity of phenomena attested in the Hebrew Bible, as well as to facilitate the discussion of its theological and pastoral relevance. In addition, we will examine some of the Old Testament's most critical issues such as: creation, covenant, law, war, the sacrificial system, etc. Students will be challenged to develop their hermeneutical skills with regard to the literary specificity of the major sections of the Old Testament (Law, Prophets and Writings). *Prerequisite(s): 60 credit hours of university-level studies, including 9 credit hours of Biblical and Theological Studies. BTS Category: Bible.*

BTS-4100 Biblical Theology (3.0 credit hours) This course explores a variety of topics and trends in biblical theology. The focus could be the whole Bible, the Old Testament, or the New Testament. Topics could include: the central themes that characterize the unity and the diversity of the Bible; a survey of approaches to biblical theology; the relationship of Old Testament and New Testament; the authority of the Bible; exploring recent work in either Old Testament or New Testament theology; and the influence of contemporary intellectual trends on the discipline of biblical theology. *Prerequisite(s): 60 credit hours of university-level studies, including 9 credit hours in Biblical and Theological Studies. BTS Category: Bible.*

BTS-4110 Independent Study in Bible (3.0 credit hours) Reading and research in the field of a student's interest, carried out under the direction of a faculty member. *Prerequisite(s): 60 credit hours of university-level studies, including 9 credit hours in Biblical and Theological Studies. BTS Category: Bible.*

BTS-4120 Readings in Biblical Hebrew (3.0 credit hours) Translation and interpretation of selected Old Testament Hebrew passages. Increasing competence in vocabulary and grammar will be emphasized. *Prerequisite(s): 60 credit hours of university-level studies, including LANG-2320 and 9 credit hours in Biblical and Theological Studies. BTS Category: Bible.*

BTS-4140 Readings in Biblical Greek (3.0 credit hours) Translation and interpretation of selected New Testament Greek passages. Increasing competence in vocabulary

and grammar will be emphasized. *Prerequisite(s): 30 credit hours of university-level studies, including BTS-2421 or LANG-2420 and 9 credit hours in Biblical and Theological Studies. BTS Category: Bible.*

BTS-4180 Jews and Christians in Greco-Roman Society (3.0 credit hours) This course will study the development of Jewish and Christian self-definition during the formative years of the new community of Christians in the Greco-Roman world. The investigation will focus on Jewish religious and social life in the second temple period, the pre-Pauline Jewish Christian community, Paul and the launching of the Gentile world mission, the development of Christologies in the new communities, and the forces that separated the Christian and Jewish communities. *Prerequisite(s): 60 credit hours of university-level studies, including 9 credit hours in Biblical and Theological Studies. BTS Category: Bible. Cannot be held with the cross-listed course HIST-4180.*

BTS-4190 James and the Sermon on the Mount (3.0 credit hours) The Sermon on the Mount and the Epistle of James both envision a way of life for followers of Jesus that is distinctive, demanding, and ultimately life-giving. They address some common themes: wealth and poverty, persecution, law, prayer, and speech ethics, to name a few. At the same time, James and the Sermon on the Mount are also very different, in terms of genre, style, canonical setting, and historical context. The person of Jesus figures very differently in each. This course will be a study of these two influential bodies of writing, with attention to overall literary structure, canonical context, social historical setting, theological themes, and ongoing relevance for Christian faith. *Prerequisite(s): 60 credit hours of university-level studies, including 9 credit hours in Biblical and Theological Studies. BTS Category: Bible.*

BTS-4200 Bible and Emotion (3.0 credit hours) Are there good and bad emotions? Jesus is recorded as weeping in public, getting angry, extending kindness to children, and loving flowers. Similarly, other characters in the Psalms and elsewhere bring positive emotions like happiness and trust and negative emotions like sorrow and anxiety into community life. The course asks if human flourishing today is better enabled in allowing the manifestation of the full range of human emotions in religious and public life. *Prerequisite(s): 60 credit hours of university-level studies, including 9 credit hours in Biblical and Theological Studies. BTS Category: Bible.*

BTS-4295 Topics in Biblical Studies (3.0 credit hours) A study of selected writings and/or themes in the Bible. Possible topics, which may span the whole Bible or focus on either testament, include creation and recreation, covenant and community, law and justice, images of God and humanity, Christology, the theology of Paul, ecclesiology, etc. *Prerequisite(s): 60 credit hours of university-level studies, including 9 credit hours in Biblical and Theological Studies. BTS Category: Bible.*

BTS-4400 The Art of Preaching (3.0 credit hours) This course seeks to cultivate the skills needed to preach effectively by exploring topics like the nature and purpose of preaching, how to move from biblical text to sermon, creative sermon forms, and the power of stories and illustrations. Students will have opportunity to practice basic skills of oral communication and find their own unique preaching voice. *Prerequisite(s): 60 credit hours of university-level studies, including 9 credit hours in Biblical and Theological Studies. BTS Category: Practical Theology.*

BTS-4410 Independent Study in Practical Theology (3.0 credit hours) A study in a specific area of practical theology under the direction of a faculty member. *Prerequisite(s): 60 credit hours of university-level studies, including 9 credit hours of Biblical and Theological Studies. BTS Category: Practical Theology.*

BTS-4420 Christian Worship (3.0 credit hours) This course will include a biblical, historical, and theological examination of worship, as well as focus on issues related to the contemporary practice of worship, including worship in the Anabaptist-Mennonite experience. Practical implications of worship will also be explored such as worship planning, worship leading, and the visual arts in worship. *Prerequisite(s): 60 credit hours of university-level studies, including 9 credit hours of Biblical and Theological Studies. BTS Category: Practical Theology. Cannot be held with the former BTS-3410.*

BTS-4430 Prayer (3.0 credit hours) This course will help students develop their convictions and practices of prayer—both individual and communal—by examining Christian prayer in scripture (including Psalms, the Lord's Prayer, and other New Testament prayers), as well as theology and church history. Students will be given opportunities to experience and respond to various prayer practices individually and in groups. An underlying theme for the course is 'No one prays alone.' *Prerequisite(s): 60 credit hours of university-level studies, including 9 credit hours in Biblical and Theological Studies. BTS Category: Practical Theology.*

BTS-4431 Christian Spirituality (3.0 credit hours). This course introduces students to the study of Christian spirituality by examining diverse traditions of Christian spirituality historically and presently, by considering the scriptural and theological moorings of these traditions, and by engaging in research that studies spiritual life. Through these explorations, students will be invited to consider their own spiritual heritage and ongoing spiritual development. *Prerequisite(s): 60 credit hours of university-level studies, including 9 credit hours in Biblical and Theological Studies. BTS Category: Practical Theology.*

BTS-4435 Anabaptist Spirituality (3.0 credit hours) The spirituality of sixteenth-century Anabaptists has shaped differing Mennonite denominations and inspired other

Christian groups. This course traces key expressions of this 'radical Reformation' spirituality and considers how they are expressed in contemporary Christian contexts. Students will read writings about and by the first Anabaptists, pray Anabaptist prayers, and explore implications of Anabaptist spirituality for the students' own contexts. *Prerequisite(s): 60 credit hours of university-level studies, including 9 credit hours of Biblical and Theological Studies. BTS Category: Practical Theology.*

BTS-4440 Spiritual Formation (3.0 credit hours). This experience-centred course introduces students to practices and perspectives for growing in attentiveness to God's presence in order to be continually formed into Christlikeness by the Holy Spirit. The course helps cultivate spiritual habits that can sustain students in their future ministries within and beyond local congregations. Both individual and communal spiritual formation will be explored. *Prerequisite(s): 60 credit hours of university-level studies, including 9 credit hours in Biblical and Theological Studies. BTS Category: Practical Theology.*

BTS-4450 Practices, Rituals, and the Christian Imagination (3.0 credit hours) The most vital and subtle lessons of the Christian faith and life are conveyed in practices, rituals, and gestures, which are formative and powerful because they are embodied theology that refuses to separate the mind, heart and body. This course will explore central Christian practices such as Baptism, the Eucharist, Weddings & Funerals and consider new and emerging rituals and practices in Christian faith communities. *Prerequisite(s): 60 credit hours of university-level studies, including 9 credit hours of Biblical and Theological Studies. BTS Category: Practical Theology.*

BTS-4460 Faith Formation and Christian Education (3.0 credit hours) "Christians are made, not born..." (Tertullian) This course will examine ministry as a means of nurturing faith, forming disciples, and equipping the saints. It will examine various models of faith formation including Christian/religious education paradigms and personal and communal practices as places for faith formation. The primary focus of the course will be on creating an ecology for growing mature Christians with insights that can be extended to a variety of faith settings including the congregation, camp, Christian schools, or youth ministry. *Prerequisite(s): 60 credit hours of university-level studies, including 9 credit hours of Biblical and Theological Studies. BTS Category: Practical Theology.*

BTS-4470 Moving Beyond Church Walls (3.0 credit hours) This course explores how the mission of God shapes the church's practices of mission. Students will consider the challenges of, and opportunities for, communicating the gospel with words and actions in diverse Canadian contexts. Topics to be considered include the nature of the church; belonging to a witnessing, reconciling community; describing the gospel; and how local, ecumenically diverse

congregations integrate their theology and praxis of mission. *Prerequisite(s): 60 credit hours of university-level studies, including 9 credit hours of Biblical and Theological Studies. BTS Category: Practical Theology.*

BTS-4495 Topics in Practical Theology (3.0 credit hours) A course in a particular area of practical theology. The content of this course will vary and will be announced in time for student registration. *Prerequisite(s): 60 credit hours of university-level studies, including 9 credit hours of Biblical and Theological Studies. BTS Category: Practical Theology.*

BTS-4500 Topics in Mennonite Studies (3.0 credit hours) A topic will be selected for special study. The topic may be defined chronologically, (e.g., Mennonites and economics from sixteenth century to the present), geographically (e.g., Mennonites in Canada, the United States, or Poland and Prussia), or by subject matter (e.g., Anabaptist-Mennonite confessions of faith). *Prerequisite(s): 60 credit hours of university-level studies, including 9 credit hours in Biblical and Theological Studies. BTS Category: History of Christianity.*

BTS-4520 Independent Study in the History of Christianity (3.0 credit hours) Reading and research under the direction of a faculty member. *Prerequisite(s): 60 credit hours of university-level studies, including 9 credit hours in Biblical and Theological Studies. BTS Category: History of Christianity.*

BTS-4595 Topics in the History of Christianity (3.0 credit hours) A study of a selected topic in the history of Christianity. The topic may be defined chronologically, geographically, or by subject matter, and is chosen for its potential to illuminate contemporary developments in the Christian church from an historical perspective in the context of relevant primary documents and recent historiography. *Prerequisite(s): 60 credit hours of university-level studies, including 9 credit hours in Biblical and Theological Studies. BTS Category: History of Christianity.*

BTS-4710 Independent Study in Theology (3.0 credit hours) Readings under the direction of a faculty member in theology. *Prerequisite(s): 60 credit hours of university-level studies, including 9 credit hours in Biblical and Theological Studies. BTS Category: Theology.*

BTS-4720 Contemporary Theological Themes (3.0 credit hours) A seminar in which topics like the following are considered: discipleship, post-modern approaches to theology, ecclesiology, etc. *Prerequisite(s): 60 credit hours of university-level studies, including 9 credit hours in Biblical and Theological Studies. BTS Category: Theology.*

BTS-4730 Theological Ethics (3.0 credit hours) This course will examine the development of Christian ethical reflection within a biblical, theological, liturgical, and

historical framework. Such an approach will provide students the possibility of entering into conversation with various Christian ethical traditions. While this is not primarily a survey course in methods and theories, considerations of what it might mean to shape Christian ethics theologically will expose students to a variety of approaches and specific issues. *Prerequisite(s): 60 credit hours of university-level studies, including 9 credit hours in Biblical and Theological Studies. BTS Category: Theology.*

BTS-4740 Systematic Theology (3.0 credit hours) This course gives attention to the major themes of Christian belief such as revelation and the authority of scripture, God and creation, the nature of humanity, the person and work of Jesus Christ, sin and salvation, the nature of the church and its practices, the Christian life, and eschatology. *Prerequisite(s): 60 credit hours of university-level studies, including 9 credit hours in Biblical and Theological Studies. BTS Category: Theology.*

BTS-4770 Jesus Christ as Cultural Icon: Jesus in Art, Culture, and Theology (3.0 credit hours) Whether one is religious or not, the figure of Jesus Christ looms large and takes various forms in the cultural imagination across the globe. The Christian faith too holds within its traditions a variety of 'pictures' of Jesus through the centuries. This variety is evident in the church's theology, but also in artistic depictions and cultural depictions. This course will look at Jesus through the centuries as manifested in the Christian tradition. *Prerequisite(s): 60 credit hours of university-level studies. BTS Category: Theology.*

BTS-4790 God Through the Centuries (3.0 credit hours) This seminar course is a study of how the church has understood and thought about God. We will read seminal writings across the historical Christian tradition in our attempt to understand theology proper, the doctrine of God. We will pay particular attention to the varied approaches and methods taken in the sources we encounter. *Prerequisite(s): 60 credit hours of university-level studies, including 9 credit hours in Biblical and Theological Studies. BTS Category: Theology.*

BTS-4895 Topics in Theology (3.0 credit hours) The content of this course will vary from year to year, depending on the needs of students and the interests and availability of instructors. *Prerequisite(s): 60 credit hours of university-level studies, including 9 credit hours in Biblical and Theological Studies. BTS Category: Theology.*

Biology

BIOL-1010 The Evolutionary and Ecological Revolution (3.0 credit hours) An introduction to ecology from a historical perspective, starting with the natural philosophers of the 18th century, through Darwin and his contemporaries, to the present day and the role of

ecology in addressing environmental and resource development issues.

BIOL-1020 The Genetic Revolution (3.0 credit hours) A journey through the historical development of our understanding of genes and their role in the development and evolution of living organisms. This course will emphasize the process of scientific discovery, from Mendel's 'heritable factors' to Crick's 'central dogma' of molecular Biology and our ever-growing ability to manipulate genetic information.

BIOL-1310 Cells and Energy (3.0 credit hours) This course will focus on the structure and work of cells as the fundamental units of life. Topics include membranes, the structure and function of organelles including the cytoskeleton, the cell cycle, enzymes, and the central metabolic pathways common to most living organisms. *Prerequisite(s): Biology 40S, Chemistry 40S, and Math 40S (applied or pre-calculus). Corequisite(s): BIOL-1310L (lab). Recommended corequisite(s): BIOL-1010. A lab fee will be applied. Cannot be held with the former BIOL-1331.*

BIOL-1320 Diversity of Life (3.0 credit hours) A survey course of organismal biology, with a focus on phylogenetic relationships between organisms, and form and function of living organisms within the context of their biotic and physical environments. *Prerequisite(s): BIOL-1010 or BIOL-1310. Corequisite(s): BIOL-1320L (lab). A lab fee will be applied. Cannot be held with the former BIOL-1341.*

BIOL-1350 Microbes, Health, and Illness (3.0 credit hours) An introduction to the essential principles of microbiology, with an emphasis on human health. The course covers basic biochemistry and surveys the major types of microbes (bacteria, protists, micro-fungi, and viruses). Building on that foundation, we will examine interactions between humans and pathogens, including the mechanisms of immune system function. Selected diseases will be discussed, as illustrations of general principles in host-microbe interactions.

BIOL-1360 Anatomy of the Human Body (3.0 credit hours) A study of microanatomy and gross anatomy, including changes occurring from conception to old age. *Recommended prerequisite(s): high school biology and chemistry. Corequisite(s): BIOL-1360L (lab). A lab fee will be applied. Cannot be held with BIOL-1361.*

BIOL-1361 Human Anatomy and Physiology I (3.0 credit hours) The first course of a 2-semester comprehensive study of human anatomy and physiology. Interactions between form and function are examined at the cellular, tissue, organ, system, and organismal level. Topics include body plan & organization, homeostasis, cellular biology, histology, integumentary system, skeletal system and articulations, muscular system, nervous system, general and special senses, and

endocrine system. *Recommended prerequisite(s): high school biology. Corequisite(s): BIOL-1361L (lab). A lab fee will be applied. Cannot be held with BIOL-1360.*

BIOL-1370 Physiology of the Human Body (3.0 credit hours) A course on the functions of all anatomical systems of the human body, with homeostatic regulatory mechanisms as foundational themes. *Prerequisite(s): BIOL-1360 or BIOL-1320. Corequisite(s): BIOL-1370L (lab). A lab fee will be applied. Cannot be held with BIOL-1371.*

BIOL-1371 Human Anatomy and Physiology II (3.0 credit hours) The second course of a 2-semester comprehensive study of human anatomy and physiology. Interactions between form and function are examined at the cellular, tissue, organ, system, and organismal level. Topics include cardiovascular system, lymphatic system and immunity, respiratory system, digestive system, urinary system, reproductive system, inheritance, and embryology. *Prerequisite(s): BIOL-1361. Corequisite(s): BIOL-1371L (lab). A lab fee will be applied. Cannot be held with BIOL-1370.*

BIOL-2010 Introduction to Global Health (3.0 credit hours) A survey of global health issues, including infectious and neglected tropical diseases, malnutrition and the nutrition transition, maternal and child health, and environmental health. *Prerequisite(s): 30 credit hours of university-level studies. Cannot be held with the cross-listed courses GEOG-2010 or IDS-2010.*

BIOL-2100 Genetics of Eukaryotes and Bacteria (3.0 credit hours) Mendelian genetics: genetic interactions, linkage, and chromosome mapping. Meiosis and its implications, including chromosomal abnormalities, gene duplications and deletions. Transcription, translation, and the regulation of gene expression. Population genetics and evolution. *Prerequisite(s): BIOL-1020. Recommended prerequisite(s): BIOL-1310 and BIOL-1320. Corequisite(s): BIOL-2100L (lab). A lab fee will be applied.*

BIOL-2200 Microbiology (3.0 credit hours) An introduction to the structure, physiology and genetics of microorganisms and viruses, focusing on bacteria. Laboratory work will cover aseptic technique, methods for growing, identifying and enumerating microbes in cultures and specimens, and introduce students to central topics in bacterial genetics. *Prerequisite(s): BIOL-1310 and BIOL-1320. Corequisite(s): BIOL-2200L (lab). A lab fee will be applied.*

BIOL-2300 Cell Biology (3.0 credit hours) An introduction to cell biology with a focus on eukaryotic cells. Lectures and labs will introduce students to apply microscopy, biochemistry, and molecular genetics to study structure and function at the cellular level of organization. Subjects to be explored include the structure, genesis, and function of biological membranes; the endomembrane system and its role in the post-

translational modification and transport of proteins; cellular communication and signaling; the cytoskeleton; intercellular junctions and the extracellular matrix; and the regulation of the cell cycle. *Prerequisite(s): BIOL-1310. Recommended prerequisite(s): CHEM-1010 and CHEM-1020.*

BIOL-2410 Biology of Invertebrates (3.0 credit hours) Invertebrates comprise most of the described species on this planet and illustrate a breathtaking diversity of life histories—all of which impact other organisms (including humans) in both beneficial and detrimental ways. In this course, we will survey major groups of invertebrates, examining their evolution, ecological roles, behaviour, anatomy, and physiology. *Prerequisite(s): BIOL-1320. Corequisite(s): BIOL-2410L (lab). A lab fee will be applied.*

BIOL-2510 Principles of Ecology (3.0 credit hours) Introduction to the study of ecological systems: energy and nutrient flows in ecosystems, dynamics of plant and animal populations, structure of ecological communities and functioning of ecosystems, and ecological processes that structure biological communities in space and time. *Prerequisite(s): BIOL-1010 or BIOL-1320. Corequisite(s): BIOL-2510L (lab). A lab fee will be applied.*

BIOL-3300 Cancer Biology (3.0 credit hours) This course covers the present understanding of the molecular and cellular mechanisms that regulate cancer progression. It will examine fundamental aspects of morphogenesis including dysregulation of the cell cycle, the role of the cytoskeleton and the extracellular matrix in cancer metastasis, tumor suppressors and cell cycle checkpoints. Students will develop research projects using time lapse movies of normal and cancerous epithelia. *Prerequisite(s): BIOL-1310.*

BIOL-3400 Developmental Biology (3.0 credit hours) This course covers the present understanding of the molecular mechanisms that regulate animal development and their implications for human diseases. It will examine fundamental aspects of morphogenesis including early embryo development, tissue patterning, and growth and regeneration. To do so, vertebrate and invertebrate models are studied. *Prerequisite(s): BIOL-1310, BIOL-1320, and one of BIOL-2100 or BIOL-2300.*

BIOL-3510 Conservation Biology (3.0 credit hours) The focus of this course is on applied aspects of ecology, including conservation of biodiversity, habitat, and natural resources, impacts of disruptions to ecosystems such as introduction of invasive species, habitat destruction and fragmentation, climate change, and urban ecology. Emphasis will be put on using the primary scientific literature to understand concepts. *Prerequisite(s): BIOL-2510. Recommended prerequisite(s): BIOL-2100.*

BIOL-3600 Introduction to Mathematical Biology (3.0 credit hours) Introduction to mathematical biology through the lens of nonlinear difference and differential equations. Features of these systems include stability, periodicity, attractors, bifurcation, fractals, and chaos. Project-based learning and computational analysis will be emphasized throughout, focusing on biological applications including population, harvesting, predator-prey, competition, host-parasite, disease, and epidemic models. *Prerequisite(s): 30 credit hours of university-level studies, including MATH-1030. Corequisite(s): BIOL-2510. Cannot be held with the cross-listed course MATH-3050.*

BIOL-3800 Biophysics (3.0 credit hours) Introduction to mathematical modeling and physics-based approaches used to represent biological systems. Biophysical topics include thermodynamics, random walks and Brownian motion, electrostatics and the structure of biomolecules, nerve impulses, the quantum mechanical nature of vision, continuum mechanics, and transport phenomena. *Prerequisite(s): MATH-1030 and PHYS-1020. Cannot be held with the cross-listed courses MATH-3800 or PHYS-3800.*

BIOL-3950 Topics in Biology (3.0 credit hours) The content of this course will vary from year to year, depending on the needs of students and the interests and availability of instructors.

BIOL-4380 Molecular and Cellular Laboratory Methods (3.0 credit hours) A project-based laboratory course in molecular biological and microscopy-based methods for the analysis of gene expression and organelle function. *Prerequisite(s): BIOL-1020, BIOL-1310, CHEM-2110, and one of BIOL-2100 or BIOL-2200. Cannot be held with the former BIOL-3380.*

BIOL-4580 Quantitative Research Methods in Ecology (3.0 credit hours) This course covers some of the most common research methods from ecology, using as examples species and habitat types common to the region of southern Manitoba. Experimental design, field data collection methods, and data analysis and presentation in ecology will be taught through major group projects. *Prerequisite(s): BIOL-2510 and MATH-1000. Recommended prerequisite(s): BIOL-3510. Cannot be held with the former BIOL-3580.*

BIOL-4990 Senior Seminar in Evolution (3.0 credit hours) In this capstone seminar students will explore the multidisciplinary richness of biology using the theory of evolution as a unifying theme of the course. Through an individual project as well as guest speakers from within and outside the field of biology, students will explore how the theory of evolution, and biology more broadly, has shaped people's imaginations, whether that be in the laboratory, the wider university, the church, or society at large. *Prerequisite(s): 60 credit hours of university-level studies, including 12 credit hours of Biology and 12 credit hours of Chemistry, Physics, and Mathematics combined.*

BIOL-4940 Independent Study in Biology (3.0 credit hours) A study in a specific area of Biology under the direction of a faculty member. *Prerequisite(s): 60 credit hours of university-level studies, including 18 credit hours in Biology.*

Business and Organizational Administration

Students may choose courses in business and organizational administration to fulfill requirements for general electives in any degree program. Students who wish to concentrate in this subject field may choose to complete the Bachelor of Business Administration, or they may choose a major or a minor in business and organizational administration in either the four- or the three-year Bachelor of Arts. For details regarding the requirements of these programs, see the ACADEMIC PROGRAMS section of this calendar.

Note: Due to changes in the accounting profession in Canada, the CA, CMA, and CGA are now Chartered Professional Accountant (CPA). For the current status of accreditation under the CPA, please contact Jerry Buckland, Ph.D. in the Redekop School of Business.

BUSI-1000 Introduction to Business and Organizational Administration (3.0 credit hours) This course introduces various aspects of business and organizational operations and structure. The course covers areas such as business and organizational classifications, financial requirements, basic concepts and techniques, practices, and responsibilities.

BUSI-1010 Personal Financial Capability (3.0 credit hours) This course examines the theory and practice of financial capability with an interdisciplinary and ethical lens. What does it mean to manage one's finances well and how does this affect society and the environment? Is a heavily indebted consumer helping or harming social justice and environmental health? Moreover, why is there a disconnect between what we know about money and what we do? *Cannot be used within a business major or minor.*

BUSI-1750 Business Co-op Term 1 (0 credit hours) This cooperative work placement gives students the opportunity for supervised work experience in one of a variety of workplaces, from not-for-profits to small businesses to corporations to government. This gives students the opportunity to apply academic knowledge to real workplace settings. *Prerequisite(s): Admission to the Bachelor of Business Administration, Cooperative.*

BUSI-2000 Introductory Financial Accounting (3.0 credit hours) Examination of accounting postulates underlying the preparation and presentation of financial

statements. *Prerequisite(s): BUSI-1000. A lab fee will be assessed. CPA-approved preparatory course.*

BUSI-2010 Introductory Managerial Accounting (3.0 credit hours) Role of accounting in creation and application of business information used by decision-makers in the management of enterprise and organizations. *Prerequisite(s): BUSI-2000. Corequisite(s): ECON-1000 or ECON-1010. CPA-approved preparatory course.*

BUSI-2020 Organizational Behaviour (3.0 credit hours) Examination of the impact of human behaviour on the formal and informal organization. Topics include leadership, work groups, organizational conflict, and communications. *Prerequisite(s): BUSI-1000 or PSYC-1020. Cannot be held with the cross-listed course PSYC-2020.*

BUSI-2030 Management and Organizational Theory (3.0 credit hours) Examination of the underlying principles concerning the formation of organizations and their internal management. Emphasis will be on the study and analysis of various theoretical approaches to organizational theory and management.

BUSI-2040 Business and Labour Law (3.0 credit hours) This course introduces the legal environment under which Canadian businesses and organizations operate. As a background, the Canadian constitution, courts and legislative system will be discussed. The second part discusses the legal aspects of the most common forms of businesses and organizations in Canada: sole proprietorships, partnerships, cooperatives, and corporations. Further discussion will include tort and contract law and labour law in Canada. *Prerequisite(s): BUSI-1000, IDS-1110, POLS-1000, or POLS-1010. Cannot be held with the cross-listed course POLS-2040. CPA-approved preparatory course.*

BUSI-2050 Fundamentals of Marketing (3.0 credit hours) Analysis of marketing problems, emphasizing various alternatives available for achieving economic efficiency in the distribution process; public policy with respect to marketing. *Prerequisite(s): BUSI-1000 or COMM-1000.*

BUSI-2070 Business Ethics (3.0 credit hours) Business professionals must not only discover the vision of justice that underlies their business practices, but they also must submit this vision to critical scrutiny. The purpose of this course is to pursue both these aims. We will search for the moral ideals embedded in modern capitalist business practices and we will submit these moral ideals to critical evaluation. The goal is to discover the moral frameworks that can motivate and inform good business today. *Cannot be held with the former PHIL-2070.*

BUSI-2080 Business and Organizational Communications (3.0 credit hours) This course will cover oral and written communications used in business and organizational settings. Topics covered include methods of logic, organization, analysis, presentation, and mechanics of written and oral communication. The course is designed to improve students' writing and public speaking skills. *Prerequisite(s): BUSI-1000, COMM-1000, or IDS-1110. Cannot be held with the cross-listed course COMM-2080.*

BUSI-2500 Social Entrepreneurship (3.0 credit hours) In this course we refer to a range of business classifications that blend social, ecological, and financial value between the public and private sectors. The course identifies unique opportunities for the sector, explores organizational and management issues specific to social enterprises, reviews the history of social enterprise structures, and critically reviews their impacts. We will also consider the value of the entrepreneurial approach, including attitudes towards risk tolerance, experimentation, and problem-solving. *Prerequisite(s): 30 credit hours of university-level studies. Cannot be held with the cross-listed course POLS-2500.*

BUSI-2750 Business Co-op Term 2 (0 credit hours) This cooperative work placement gives students the opportunity for supervised work experience in one of a variety of workplaces, from not-for-profits to small businesses to corporations to government. This gives students the opportunity to apply academic knowledge to real workplace settings. *Prerequisite(s): BUSI-1750.*

BUSI-2950 Topics in Business and Organizational Administration (3.0 credit hours) The content of this course will vary from year to year, depending on the needs of students and the interests and availability of instructors. *Prerequisite(s): To be determined, depending on the topic.*

BUSI-3000 Organizational Leadership (3.0 credit hours) Examination of the theory and practice of leadership and decision-making in organizations. Topics include trait, behavioural and situational models of organizational leadership, leadership as power and influence, and processes involved in the decision making of individuals and groups, large and small, formal and informal. Attention will also be given to development of skills in leadership. *Prerequisite(s): 30 credit hours of university-level courses. Cannot be held with the cross-listed course PSYC-3000.*

BUSI-3010 Intermediate Accounting: Assets (3.0 credit hours) This course concentrates on policies and practice related to the measurement and recording of an organization's assets and the asset side of an organization's balance sheet. *Prerequisite(s): BUSI-2000. CPA-approved preparatory course.*

BUSI-3020 Intermediate Accounting: Liabilities and Equities (3.0 credit hours) This course concentrates on policies and practice related to the measurement and recording of a shareholder's or organization's equity, liabilities, and the equity side of an organization's balance sheet. *Prerequisite(s): BUSI-2000. CPA-approved preparatory course.*

BUSI-3040 Quantitative Methods in Business and Organizational Administration (3.0 credit hours) This course covers multiple regression analysis, forecasting, time series and linear programming as they are applied to organizational decision making. The course also discusses the application of these topics to management science techniques and models. *Prerequisite(s): MATH-1000. Cannot be held with the cross-listed course MATH-3041. CPA-approved preparatory course.*

BUSI-3050 Management Information Systems (3.0 credit hours) This course focuses on managing information as a valuable business and organizational resource. It examines the role and applications of information technology in managing operations as well as the effects of information technology on organization structure and workers. *Prerequisite(s): MATH-1000. Cannot be held with the cross-listed course COMP-3050. CPA-approved preparatory course.*

BUSI-3060 Operations Management (3.0 credit hours) The decision-making role of the operations manager in transforming inputs into desired outputs is the primary focus of this course. The major activities of designing, scheduling, operating, and controlling the production system will be examined. *Prerequisite(s): BUSI-2000.*

BUSI-3070 Taxation (3.0 credit hours) This course deals with the applications of federal and provincial income tax regulations and their impact on corporations, businesses, and individuals. Problems, issues, and planning associated with the Income Tax Act are examined. The computation of taxable income and taxes payable by individuals, corporations, partnerships, and trusts are also studied. *Prerequisite(s): BUSI-2010.*

BUSI-3080 Intermediate Managerial Accounting (3.0 credit hours) This case-based course concentrates on organizational planning, financial control, and cost specifications needed to determine income and cost requirements for policy and non-routine decision-making. *Prerequisite(s): BUSI-2010 and MATH-1000. CPA-approved preparatory course.*

BUSI-3090 Business Data Analytics Technology (3.0 credit hours) This course equips students with the skills to utilize Microsoft's suite of data analytics tools for business financial decision-making. It begins with a refresher on PivotTables, followed by in-depth instruction on Power Query, Power Pivot, and Power BI Desktop. Students will

learn to extract financial data from diverse sources, transform it into actionable insights, perform thorough analysis, and effectively communicate their findings clearly and concisely using tables and charts. *Prerequisite(s): MATH-1000. CPA-approved preparatory course.*

BUSI-3100 Financial Management (3.0 credit hours) This course focuses on the role of the financial manager of a business or an organization. Topics to be covered include financial analysis and forecasting, and the management of cash, accounts receivable, inventories, and liabilities needed to manage the organization's operations. *Prerequisite(s): BUSI-2000, BUSI-2010, and MATH-1000. CPA-approved preparatory course.*

BUSI-3200 Human Resource Management (3.0 credit hours) A practical study into how organizational leadership, structure, and behaviour influences how organizations obtain, maintain, and retain human resources that are essential to achieve their objectives. *Prerequisite(s): BUSI-2020 or PSYC-2020.*

BUSI-3300 Not-for-Profit Management (3.0 credit hours) This course explores the unique challenges inherent in managing not-for-profit organizations. Topics will include mission, governance, marketing, volunteerism, fundraising, stakeholder services, impact of technology, and the internationalization issues faced by not-for-profit organizations. *Prerequisite(s): BUSI-2020, IDS-1110, PSYC-2020, or both BUSI-2030 and BUSI-1000.*

BUSI-3400 Entrepreneurship and Small Business Management (3.0 credit hours) This course considers the nature of entrepreneurship and the distinctive challenges of starting and managing a small business. Topics to be considered include financial planning, marketing, operations, management, and human resources. *Prerequisite(s): BUSI-1000 and BUSI-2050.*

BUSI-3500 International Business (3.0 credit hours) This course examines how global economic, political, and cultural factors affect the strategies of companies involved in international business and trade. Topics include: globalization and international business strategy, free trade and regional economic integration, currencies and foreign exchange rates, exporting and foreign direct investment, international management and organizational structure, political and cultural differences in national markets. *Prerequisite(s): 60 credit hours of university-level studies.*

BUSI-3750 Business Co-op Term 3 (0 credit hours) This cooperative work placement gives students the opportunity for supervised work experience in one of a variety of workplaces, from not-for-profits to small businesses to corporations to government. This gives

students the opportunity to apply academic knowledge to real workplace settings. *Prerequisite(s): BUSI-2750.*

BUSI-3760 Business Co-op Term 4 (0 credit hours) This cooperative work placement gives students the opportunity for supervised work experience in one of a variety of workplaces, from not-for-profits to small businesses to corporations to government. This gives students the opportunity to apply academic knowledge to real workplace settings. *Prerequisite(s): BUSI-3750.*

BUSI-3950 Topics in Business and Organizational Administration (3.0 credit hours) The content of this course will vary from year to year, depending on the needs of students and the interests and availability of instructors. *Prerequisite(s): to be determined, depending on the topic.*

BUSI-4000 Christianity and the Marketplace (3.0 credit hours) Christian businesspeople often face challenges in harmonizing their faith commitments and business practices. This course brings together theology, ethics, and law to study Christian decision-making in a business environment. Through case studies of common business dilemmas, students will begin to develop the wisdom to address these dilemmas in ways that account for both faith and business considerations. *Prerequisite(s): BUSI-2040, BUSI-2070, PHIL-2070, or POLS-2040, and at least one of the following: BTS-2230, BTS-2250, BTS-2750, BTS-2800, BTS-3110, BTS-3240, or BTS-3450.*

BUSI-4001 Thesis in Business and Organizational Administration (6.0 credit hours) *This course is restricted to students completing the Bachelor of Arts, four-year major in Business and Organizational Administration. Eligible students should refer to the Thesis Writing Procedures in the ACADEMIC POLICIES AT SHAFTESBURY CAMPUS section of this calendar.*

BUSI-4010 Strategic Management (3.0 credit hours) This case-based course takes the perspective of the general manager with responsibility for the overall organization, rather than that of a functional specialist. Topics include the nature of strategy and its function for an organization; the characteristics of effective strategy; and how strategy forms and evolves in relation to an organization's environment, competition, capabilities and the values and ambitions of its leadership. *Prerequisite(s): BUSI-2000, BUSI-2030, BUSI-2050, and BUSI-2020 or PSYC-2020. CPA-approved preparatory course.*

BUSI-4020 Business and Organizational Policy (3.0 credit hours) This course synthesizes the principles of management with emphasis on the formation of decisions and policies. Its purpose is to enable the student to draw on analytical tools and information to understand comprehensive business problems. *Prerequisite(s): 9 credit hours of business courses at the 3000*

level or higher, including BUSI-4010. CPA-approved preparatory course.

BUSI/IDS-4030 International Microfinance (3.0 credit hours) This course investigates the emerging field of microfinance—the provision of small loans and financial services to the poor—and its impact on addressing poverty in developing countries. Students will develop an understanding of a range of topics in the field, including the role of credit in microenterprises, lending models, sustainability, and best practice for microfinance institutions (MFIs), microsavings and insurance programs, cultural and social factors. The course offers a unique mix of theory and practice as students will have the opportunity to work on projects relating to current issues with microfinance programs in various regions of the world. *Prerequisite(s): 60 credit hours of university-level studies, including BUSI-1000 or IDS-2110.*

BUSI-4040 Economic Development and Microfinance Study Tour (3.0 credit hours) This study tour offers experience-based learning opportunities for students to see first-hand how international development impacts individuals and communities in underdeveloped regions around the world. The trip is offered in conjunction with BUSI/IDS-4030 International Microfinance and focuses on aspects of economic development and microfinance—the provision of small loans and financial services to the poor. Activities include: visiting partner organizations and NGOs in various countries, meeting microenterprise loan recipients and observing their group meetings, interacting with local community and church leaders to learn about the cultural and social context in each country. *Prerequisite(s): BUSI-4030 or IDS-4030. Cannot be held with the cross-listed course IDS-4040.*

BUSI-4050 Business in the European Union (3.0 credit hours) This course explores the business and political environment in Europe and the impact of European integration in a regional and global context. Topics include: history and development of the EU, political institutions, economic integration and the single European market, monetary union and the Euro currency, trade and foreign policy, Canada-EU relations, political and cultural contexts in Europe, enlargement and expansion to Eastern Europe. *Prerequisite(s): 60 credit hours of university-level studies, including BUSI-3500. Cannot be held with the cross-listed course POLS-4050.*

BUSI-4060 Business in Europe Study Tour (3.0 credit hours) This travel study offers experience-based learning opportunities for students to see first-hand how economic and political forces of integration and change are influencing businesses, communities, and citizens across Europe. Activities include: visits to the EU Council, Commission and Parliament in Brussels; briefings at the European Central Bank in Frankfurt; visits to global financial institutions in London, UK; meetings with Canada-EU diplomatic and trade officials; visits to various

businesses, manufacturing plants, churches and community development projects in Central and Eastern Europe. Tentative dates: late April to mid-May.

Prerequisite(s): BUSI-4050 or POLS-4050. Cannot be held with the cross-listed course POLS-4060.

BUSI-4070 Advanced Financial Accounting (3.0 credit hours) This course familiarizes students with current advanced accounting concepts and theories. The major focus will be the fundamentals and advanced topics related to corporate consolidations. In addition, the course examines the complex accounting and upcoming issues involved in both foreign subsidiaries and foreign currency translation. *Prerequisite(s): BUSI-3010 and BUSI-3020.*

BUSI-4080 Advanced Managerial Accounting (3.0 credit hours) Students learn to perform analyses to support managerial decisions, to design and implement effective management control systems, and to develop an awareness of the moral responsibilities of management accountants. Topics include management accounting and management decisions; relevant information and complications in short-run decisions; capital budgeting; contemporary approaches to product costing; activity-based management; agency theory; responsibility accounting and transfer pricing; and ethical considerations. *Prerequisite(s): BUSI-3080.*

BUSI-4090 Audit and Control (3.0 credit hours) This course familiarizes students with basic concepts and theories, the auditor decision making process, the legal environment of auditing in Canada, the nature and sources of audit evidence and the internal control process. *Prerequisite(s): BUSI-3010 and BUSI-3020.*

BUSI-4240 Workplace Conflict Resolution Systems Design (3.0 credit hours) The course is designed to develop an understanding of the nature and causes of conflict in the workplace and the implementation of conflict resolution systems within the organization. Areas of study include systems design related to the organizational culture, context, and structure. It examines past and current conflict resolution systems, structures that are necessary to support conflict management systems, and emerging trends in workplace dispute systems design. The course then studies organizational advantages and disadvantages of investing in dispute systems design. *Prerequisite(s): BUSI-3240 or PCTS-3240. Cannot be held with the cross-listed course PCTS-4240.*

BUSI-4750 Business Co-op Term 5 (0 credit hours) This cooperative work placement gives students the opportunity for supervised work experience in one of a variety of workplaces, from not-for-profits to small businesses to corporations to government. This gives students the opportunity to apply academic knowledge to real workplace settings. *Prerequisite(s): BUSI-3760.*

BUSI-4760 Business Co-op Term 6 (0 credit hours) This cooperative work placement gives students the opportunity for supervised work experience in one of a variety of workplaces, from not-for-profits to small businesses to corporations to government. This gives students the opportunity to apply academic knowledge to real workplace settings. *Prerequisite(s): BUSI-4750.*

BUSI-4950 Topics in Business and Organizational Administration (3.0 credit hours) The content of this course will vary from year to year, depending on the needs of students and the interests and availability of instructors. *Prerequisite(s): To be determined, depending on the topic.*

Chemistry

CHEM-1010 Structure and Modelling in Chemistry (3.0 credit hours) An introduction to atomic and molecular structures, chemical bonding, chemical reactivity, to the bulk properties of matter, and the descriptive chemistry of the elements. *Prerequisite(s): Applied Mathematics 40S or Pre-calculus Mathematics 40S, and Chemistry 40S (or equivalents).* *Corequisite(s): CHEM-1010L (lab).* A lab fee will be applied.

CHEM-1020 Physical Chemistry (3.0 credit hours) An introduction to topics including thermochemistry, chemical thermodynamics, and chemical kinetics. *Prerequisite(s): CHEM-1010.* *Corequisite(s): CHEM-1020L (lab).* A lab fee will be applied.

CHEM-2010 Organic Chemistry I: Structure and Function (3.0 credit hours) An introduction to the concepts of organic reactivity and bonding in organic molecules. Preparation and properties of functionalized organic molecules. *Prerequisite(s): CHEM-1020.* *Corequisite(s): CHEM-2010L (lab).* A lab fee will be applied.

CHEM-2020 Organic Chemistry II: Reactivity and Synthesis (3.0 credit hours) An introduction to the concepts of organic reactivity and bonding in organic molecules. Preparation and properties of functionalized organic molecules. *Prerequisite(s): CHEM-2010.* *Corequisite(s): CHEM-2020L (lab).* A lab fee will be applied.

CHEM-2110 Biochemistry I: Biomolecules and Metabolic Energy (3.0 credit hours) This course is an introduction to the structure and function of biomolecules, including proteins, carbohydrates, nucleic acids, and lipids. This course also explores the mechanisms and kinetics of enzyme-catalyzed reactions and bioenergetics. *Prerequisite(s): BIOL-1320 and CHEM-1020.* *Corequisite(s): CHEM-2110L (lab).* A lab fee will be applied.

CHEM-3110 Biochemistry II: Catabolism, Synthesis, and Metabolic Pathways (3.0 credit hours) An

introduction to the basic metabolic pathways in living cells, including the production and use of metabolic energy; the degradation and synthesis of biomolecules; the synthesis of DNA, RNA, and proteins; and the regulation and integration of these processes.

Prerequisite(s): CHEM-2010 and CHEM-2110. Corequisite(s): CHEM-3110L (lab). A lab fee will be applied.

Communications and Media

Studies in communications and media can prepare students for careers in journalism, marketing, or public relations. Students desiring to enhance their communication capacities and skills-base for future work, service, or study will also derive great benefit from studies in this field. Students will develop knowledge of the practices of organizational communication. They will increase their understanding and mastery of effective communication across cultures. In addition, they will analyze mass media and specialized or alternative media, investigating the political, social, cultural, and economic roles of each. Students will also apply their skills in writing, editing, design, broadcasting, and new technologies.

Students may choose courses in communications and media to fulfill requirements for general electives in any degree program. Students who wish to concentrate in this subject field may choose a major or a minor in communications and media in either the four- or the three-year Bachelor of Arts. For details regarding the requirements of these programs, see the ACADEMIC PROGRAMS section of this calendar.

COMM-1000 Introduction to Communications and Media (3.0 credit hours) This course introduces students to mass communications and media with a focus on Canada. The course will investigate topics such as how media shapes our understanding of ourselves and our society, the ethics of public communication, and the industry structures that govern how we tell stories. The course includes a creative production component. *A studio fee will be applied.*

COMM-1015 Media Skills: Introduction to Digital Production (3.0 credit hours) This media skills course introduces students to the core concepts and tools involved in digital media production. Students will be introduced to field equipment, hardware and software production tools in audio, music production, photography, video, livestreaming, and graphic design. Digital asset management and workflows will also be investigated. Students will work with field equipment, use studio spaces, and explore their creativity. The course is an excellent survey of the vocabulary and processes of digital media production. *A studio fee will be applied.*

COMM-2000 New Media (3.0 credit hours) This course investigates the user-experience, theory, and current trends in the field of New Media. The course's core interests are in identifying and understanding the principles of New Media design and experience, and in applying these principles to the analysis of New Media artefacts and environments. The course will enhance the capacity of students to understand, design, and assess current and future developments in emergent digital media. *Prerequisite(s): 24 credit hours of university-level study.*

COMM-2010 Digital Video Storytelling (3.0 credit hours) This is an introductory course in film-style production in the medium of digital video. Instruction will include all the elements of production, including scriptwriting, storyboarding, videography, sound, lighting, and editing. A core interest of the course is to understand the technical and aesthetic language of images in motion. Students work in creative, collaborative teams to produce several short video pieces. *Prerequisite(s): COMM-1000 and COMM-1015. A studio fee will be applied.*

COMM-2015, 3015, 4015 Media Skills (3.0 credit hours) These workshops offer technical training in various aspects of applied media production. They are often linked to the production of specific internal or external projects. A student may enrol multiple times in workshops designed as production team experiences, provided the student takes on a unique role in the team each time. Some workshops require that students be available for particular events. *Prerequisite(s): COMM-1015. A studio fee will be applied.*

COMM-2020 Oral Communication (3.0 credit hours) This course covers the theory and practice of formal and informal speeches, presentations, interviews, meetings, and other forms of oral communication. The course is designed to enhance public speaking ability and seeks to develop skills in the use of microphones, visual aids, and body language for engaging small and large audiences.

COMM-2040 Audio Engineering and Production Techniques (3.0 credit hours) An introduction to the techniques and technologies of audio recording production. The primary focus is recording in a studio environment. Remote location recording, live sound, multi-media production and broadcasting also are covered. A practical component includes recording music ensembles, voiceovers, and assisting in an audio production. *Prerequisite(s): COMM-1015. A studio fee will be applied.*

COMM-2050 Graphic Design (3.0 credit hours) A study of the creative use of the elements and principles of design as applied to the problems of graphic communication, and of the use of symbols, pictographs,

writing and letter forms. *Prerequisite(s): COMM-1000 and COMM-1015. A studio fee will be applied.*

COMM-2060 Journalism: Principles and Practice (3.0 credit hours) This course studies the principles and practices of journalism that can be applied to all media. Students examine the nature and role of the media, evaluate the news processes, consider the role of reporters, and learn basic journalism practices, including how to conduct an interview, how to write various kinds of articles, and how to do research for journalism. *Prerequisite(s): 24 credit hours of university-level study. A studio fee will be applied.*

COMM-2080 Business and Organizational Communications (3.0 credit hours) This course will cover oral and written communications used in business and organizational settings. Topics covered include methods of logic, organization, analysis, presentation, and mechanics of written and oral communication. The course is designed to improve students' writing and public speaking skills. *Prerequisite(s): BUSI-1000, COMM-1000 or IDS-1110. Cannot be held with the cross-listed course BUSI-2080.*

COMM-2115, 3115, 4115 Media Skills (1.0 credit hour) These workshops offer technical training in various aspects of applied media production. They are often linked to the production of specific internal or external projects. A student may enrol multiple times in workshops designed as production team experiences, provided the student takes on a unique role in the team each time. Some workshops require that students be available for particular events. *Prerequisite(s): COMM-1015. A studio fee will be applied.*

COMM-2116, 3116, 4116 Media Skills (2.0 credit hours) These workshops offer technical training in various aspects of applied media production. They are often linked to the production of specific internal or external projects. A student may enrol multiple times in workshops designed as production team experiences, provided the student takes on a unique role in the team each time. Some workshops require that students be available for particular events. *Prerequisite(s): COMM-1015. A studio fee will be applied.*

COMM-2117 Media Skills: Live Audio and Video Streaming (3.0 credit hours) This course is a media production workshop that equips students with the skills in two aspects of live event production: sound systems and videostreaming. Students will learn to set up and operate sound and multi-camera videostreaming equipment. At the end of the course, students should be able to plan and implement basic sound and livestreaming events and know how to operate various systems at CMU. This is a production team experience that requires availability for athletics and other public events on campus *Prerequisite(s): COMM-1015. A studio fee*

will be applied. Cannot be held with the former course of the same name.

COMM-2118 Media Skills: Radio Team (3.0 credit hours) This course is an applied media experience focused on broadcast radio production. The course will include training modules on particular aspects of radio production including interviewing skills, story development, studio voice tracking, audio editing and mixing. Students will work collaboratively on radio episodes that are heard on stations in Manitoba and distributed online. *Prerequisite(s): COMM-1015. A studio fee will be applied.*

COMM-2900 Music and Film (3.0 credit hours) This course offers an introduction to music and film for movie fans as well as those interested in visual media and music production. Within multimedia texts, sounds and visuals co-produce meaning, with music shaping how we see and images influencing how we listen. This course aims to illuminate these meaning-making processes, situating them in dynamic social and cultural contexts. Over the semester this course will explore historic and contemporary films from around the globe, along with different forms of media technologies such as the microphone, radio, and DVD. *Cannot be held with the cross-listed course MUSC-2900*

COMM-2950 Topics in Communications and Media (3.0 credit hours) The content of this course will vary from year to year, depending on the needs of students and the interests and availability of instructors. *Prerequisite(s): To be determined, depending on the topic.*

COMM-3000 Politics, Society, and Mass Media (3.0 credit hours) This course examines the relationship between the mass communications media and the political and social processes in which they operate, investigating the state of research on mass media, the role of media in creating and shaping political awareness, and in influencing human behaviour and values. Examples of topics which may be covered are: media ownership and organization patterns, media in the electoral process, the media in developing nations, the media and globalization, propaganda, media freedom and public opinion. *Prerequisite(s): 30 credit hours of university-level studies, including 6 credit hours in social science. Cannot be held with the cross-listed courses POLS-3000 or SOCI-3000.*

COMM-3010 Theories of Communication in Everyday Life (3.0 credit hours) This course analyzes the character and significance of theory in communication and media studies. Various domains of everyday communication such as interpersonal, group, cross-cultural and mass media will be investigated through classical and contemporary communication theory. *Prerequisite(s): 30 credit hours of university-level studies, including COMM-1000.*

COMM-3011 Music Production (3.0 credit hours) This course is an entry point for developing a skill set to serve the creative process of composition. These skills include planning and pre-production, composing, recording, editing, and mixing original musical compositions. Topics covered include: recording and editing audio; acoustics; using effects (reverb, EQ, compression etc.); scoring for film, live theatre and video games; mixing and finalizing music tracks; the business of music production. *Prerequisite(s): MUSC-1010. Cannot be held with the cross-listed course MUSC-3010.*

COMM-3015 Media Workshop (3.0 credit hours) This workshop is an applied media production experience focused primarily on media storytelling. Production teams will be mentored and supervised by CMU faculty and staff. The workshop will include focused training modules for particular aspects of media production. It will assist students in quality portfolio development. Students will work cooperatively on projects, which will normally be determined in consultation with the Communications and Marketing Department at CMU. The course may occasionally be offered as an intensive skills-building weekend workshop. The workshop may include a media production tour. *Prerequisite(s): COMM-2015 or both COMM-2115 and COMM-2116. A studio fee will be applied.*

COMM-3020 Group Communication and Creative Process (3.0 credit hours) This course surveys the theory and practice of communication within small groups in various contexts, exploring topics such as: roles; leadership and participation; brainstorming and idea assessment; group formation and team building; conflict; and problem solving and decision-making. Students will develop understanding and skills applicable in secondary groups such as work and activity groups, committees, boards, and media production teams, *Prerequisite(s): 30 credit hours of university-level studies.*

COMM-3030 Public Relations (3.0 credit hours) This course examines the principles and practices of communication between corporate, public, and not-for-profit organizations and their various constituencies. It includes the study of public opinion research, communication campaigns, media relations, consumer identity, and representational ethics. Students learn basic skills, including: assessing needs; designing, planning and evaluating communication strategies; writing news releases and planning news conferences. *Prerequisite(s): 30 credit hours of university-level studies, including one of BUSI-1000, COMM-1000, PCTS-1110, POLS-1000, or POLS-1010.*

COMM-3050 Advanced Graphic Design (3.0 credit hours) This course is a further study of the principles of design, notably as they work together in visual communication strategy. Student projects and exploration will include corporate identities, editorial and publication design, web page layout, and grid systems.

Other topics include history and theory of visual culture, use of photography and illustration, and a continuation of the study of typography. *Prerequisite(s): COMM-2050. A studio fee will be applied.*

COMM-3060 Advanced Journalism: Video and Multimedia (3.0 credit hours) This course extends introductory journalistic reporting and writing skills and responds to the evolving media landscape. Journalists are increasingly required to have proficiency in developing multimedia stories across platforms such as video, audio, information graphics, and photo slideshows. The course will focus on story research, planning, and delivery, with an emphasis on video storytelling. Principles of media law and ethics critical to the journalistic craft will also be elaborated. Students work towards distribution in local and regional news outlets. *Prerequisite(s): 30 credit hours of university-level studies, including COMM-1015 and COMM-2060. A studio fee will be applied.*

COMM-3500 Journalism and Peacebuilding (3.0 credit hours) There is evidence daily of the power of media to fuel or mitigate conflict in our world. This course investigates what is possible when journalism practice is informed by nonviolent responses to conflict. The course draws from a growing scholarly and practitioner-based dialogue that is known as peace journalism. A series of case studies will investigate theoretical models and strategies of peace journalism practice. The aim of the course is to elaborate and exemplify peace journalism, conflict-sensitive reporting, participatory journalism and related issues. *Prerequisite(s): 30 credit hours of university-level studies, including one of COMM-1000, COMM-2060, or PCTS-1110. Cannot be held with the cross-listed course PCTS-3500.*

COMM-3800 Christianity and the Mass Media (3.0 credit hours) This course will investigate the relationship between Christian faith and the mass media through a series of case studies. It will explore two key questions. First, how do the faith convictions of the producer, host, or interviewer shape creative mass media (e.g., TV, radio) production? And second, how has mainstream media reported and portrayed Christian faith? The course will focus largely on current practices. *Prerequisite(s): 30 credit hours of university-level studies, including COMM-1000.*

COMM-3950 Topics in Communications and Media (3.0 credit hours) The content of this course will vary from year to year, depending on the needs of students and the interests and availability of instructors. *Prerequisite(s): 30 credit hours of university-level studies, including COMM-1000.*

COMM-4000 Thesis in Communications and Media (6.0 credit hours) *This course is restricted to students completing the Bachelor of Arts, four-year major in Communications and Media. Eligible students should refer to the Thesis*

Writing Procedures in the ACADEMIC POLICIES AT SHAFTESBURY CAMPUS section of this calendar.

COMM-4940 Independent Study in Communications and Media (3.0 credit hours) A study in a specific area of Communications and Media under the direction of a faculty member. *Prerequisite(s): 60 credit hours of university-level studies, including COMM-1000.*

Computer Science

COMP-1010 Computer Applications and Concepts (3.0 credit hours) Introduces students to information technology, computers, and networks—their history, principles of operation, and a set of basic software applications. The focus is less on specific skills than on foundational concepts that will help students become informed and effective users and critics of information technology. *Corequisite(s): COMP-1010L (lab). A lab fee will be applied. Prior computer experience is helpful, but not required.*

COMP-1030 Introduction to Computer Science I (3.0 credit hours) This course introduces fundamental programming skills and ideas. The Python programming language is used to apply concepts of problem solving, basic data structures, and procedural and functional abstraction. Course work includes a large number of small programming projects with larger projects in the second semester. Object-oriented programming techniques such as modularity and encapsulation will be emphasized. *Corequisite(s): COMP-1030L (lab). A lab fee will be applied.*

COMP-1040 Introduction to Computer Science II (3.0 credit hours) This course continues introducing fundamental programming skills and ideas. The Python programming language is used to apply concepts of problem solving, basic data structures, and procedural and functional abstraction. Course work includes a number of larger programming projects. Object-oriented programming techniques such as modularity and encapsulation will be emphasized. *Prerequisite(s): COMP-1030. Corequisite(s): COMP-1030L (lab). A lab fee will be applied.*

COMP-2010 Computer Implications: Social and Ethical (3.0 credit hours) An examination of ethical, social, and legal issues in the application of computers and information technology; the history and future of computers; intellectual property, civil liberties, and privacy; risks and liabilities of technology. *Prerequisite(s): 30 credit hours of university-level studies.*

COMP-3050 Management Information Systems (3.0 credit hours) This course focuses on managing information as a valuable business and organizational resource. It examines the role and applications of information technology in managing operations as well

as the effects of information technology on organization structure and workers. *Prerequisite(s): MATH-1000. Cannot be held with the cross-listed course BUSI-3050. CPA-approved preparatory course.*

Economics

Economics is the inquiry into how societies organize themselves to provide for the material needs and wants of their members. Throughout most of human history, societies provided for the material needs of their members by hunting and gathering. The modern market economy is a relatively new development. Studies in economics at CMU focus on assessing the strengths and weaknesses of the modern market economy to provide for the material needs and wants of the world, and also inquire how Christians should participate in that economy. Studies in economics prepare students for careers in business, financial services, government, and international organizations.

Students may choose courses in economics to fulfill requirements for social sciences or general electives in any degree program. Students who wish to concentrate in this subject field may choose a minor in economics. For details regarding the requirements of a minor, see the ACADEMIC PROGRAMS section of this calendar.

ECON-1000 Introduction to Macro-economics (3.0 credit hours) An analysis of contemporary economic institutions and the application of macro-economic theory to current economic problems. The course will consider economic theories of the determination of national income, governmental monetary and fiscal policy, the role of money and the banking system, international trade, and the determination of foreign exchange rates. *Prerequisite(s): ECON-1010. CPA-approved preparatory course.*

ECON-1010 Introduction to Micro-economics (3.0 credit hours) An analysis of contemporary economic institutions and the application of micro-economic theory to current economic problems. The course will consider economic theories of production, consumption and exchange, price determination, and the role of competition. *CPA-approved preparatory course.*

ECON-2010 Economics of Development (3.0 credit hours) This course introduces neoclassical and alternative economic theories relevant to understanding various aspects of development: (i) national aspects, including theories of growth, inequality, labour, and the role of the state; (ii) international aspects, including theories of finance, international financial institutions, trade and globalization; and (iii) sub-national aspects of development, including theories of growth linkages, micro-credit, and community economic development.

Prerequisite(s): IDS-1110 or both ECON-1000 and ECON-1010. Cannot be held with the cross-listed course IDS-2011.

ECON-2400 History of Economic Thought: Macroeconomics (3.0 credit hours) An examination of the development of economic theory from ancient times until the present. This course will deal with theories of money, interest, and banking, focusing on the period from the mid-eighteenth to the early twentieth century. *Prerequisite(s): ECON-1000.*

ECON-2410 History of Economic Thought: Microeconomics (3.0 credit hours) An examination of the development of economic theory from ancient times until the present. This course will deal with theories of private property, exchange, value, and distribution, focusing on the period from the mid-eighteenth to the early twentieth century. *Prerequisite(s): ECON-1010.*

ECON-2420 Ecological Economics (3.0 credit hours) Ecological economics is not merely the study of economics, but a broad, non-technical, and transdisciplinary study of the relationship between humans and the biosphere. Using a long view of history, this course incorporates ideas from across the social and natural sciences to enrich and challenge traditional economic concepts. Topics include the co-evolution of political, economic, and energy systems, the origins of money and inequality, the present scale of ecological decline (including, but not limited to climate change), proposed solutions and barriers to their implementation. *Prerequisite(s): 30 credit hours of university-level studies. Cannot be held with the cross-listed courses IDS-2420 or POLS-2420.*

ECON-2950 Topics in Economics (3.0 credit hours) The content of this course will vary from year to year, depending on the needs of students and the interests and availability of instructors. *Prerequisite(s): ECON-1000 or ECON-1010.*

ECON-4940 Independent Study in Economics (3.0 credit hours) A study in a specific area of economics under the direction of a faculty member. *Prerequisite(s): 60 credit hours of university-level studies, including ECON-1000, ECON 1010, and an additional 9 credit hours in Economics.*

English

Through the study of English literature, students learn to interpret texts, to communicate their interpretations effectively, and, in creative writing courses, to develop their own literary art. The study and creation of imaginative literature makes a unique contribution to the examined Christian life by teaching sensitivity to metaphor and narrative, necessary means by which we conceive of God and ourselves. Studies in English prepare

students for careers demanding excellent communication and critical thinking skills, including journalism, media, business, law, publishing, church ministry, and teaching.

Students may choose courses in English to fulfill requirements for humanities or general electives in any degree program. Students who wish to concentrate in this subject field may choose a major or a minor, either in the four- or the three-year Bachelor of Arts. For details regarding the requirements of these programs, see the ACADEMIC PROGRAMS section of this calendar.

ENGL-1010 English Literature: Prose Fiction (3.0 credit hours) This course will examine narrative, focusing on the genres of the novel and the short story, drawing upon a broad range of historical and contemporary literature from around the world, with an emphasis on the twentieth century. It will examine the complex relationship between form and content, reflecting on how words make meaning.

ENGL-1020 English Literature: Poetry and Drama (3.0 credit hours) This course will examine the genres of the play, the narrative poem, and the lyrical poem, drawing upon a broad range of historical and contemporary literature from around the world, with an emphasis on the twentieth century. It will examine the complex relationship between form and content, reflecting on how words make meaning.

ENGL-1030 Classical Literature: Homeric Gods and Heroes (3.0 credit hours) A study of three epic poems, Homer's *Iliad* and *Odyssey*, and Virgil's *Aeneid*, that resonate with timeless human concerns: civility and war, duty and friendship, freedom and slavery, migration and land, to name a few. Knowing these poems gives insight into both the literary tradition as well as current popular culture.

ENGL-1040 English Literature: Narrative Film (3.0 credit hours) An introduction to reading the cinema, with an emphasis on the appreciation and analysis of narrative film. This course will concentrate on the canon of influential North American and European films in the past century. Students will acquire a vocabulary of film criticism, with attention to genres, themes, and key theories. While we will consider film as entertainment and industry, our primary goal will be to examine significant films as works of art.

ENGL-1050 English Literature Topics (3.0 credit hours) This course will take up a particular topic, chosen by the instructor, drawing on works from across genres (minimally poetry, drama, and prose fiction). It will allow exploration of the chosen topic and will also set up the question of generic particularity, developing generic awareness by asking "what difference does it make that this is a poem/play/story?"

ENGL-1510 Introduction to Theatre (3.0 credit hours) A study of the components of theatrical performance and the rehearsal process; an introduction to the basics of acting. Includes performance assignments.

ENGL-1531, 2531, 3531 Theatre Ensemble (1.0 credit hour) An auditioned ensemble that will prepare and present a play which focuses on themes of peace and justice, or scriptural/sacred stories. It will explore table work, vocal technique, theories of movement and space, dramaturgy, and new play development. The ensemble will also focus on political theatre as a tool to affect social change. The ensemble will rehearse and perform a production for tour in Winnipeg and surrounding area. *Prerequisite(s): A successful audition.*

ENGL-1532, 2532, 3532 Theatre Workshop (2.0 credit hours) Study and performance of a dramatic production. *Prerequisite(s): Admission will be based on an audition for an acting role or an interview for a place in the production and technical design team.*

ENGL-2030 Medieval Literature (3.0 credit hours) This survey course studies the English literature of the Middle Ages, from its early development in Old English, or Anglo-Saxon, to the flourishing of poetry and drama in Middle English. It emphasizes the relationship between literature and its historical contexts, studying works such as *Beowulf* and *The Canterbury Tales* as well as mystical writings and morality and mystery plays. *Prerequisite(s): 6 credit hours of introductory English (1010-1050), including one of ENGL-1010, ENGL-1020, or ENGL-1050.*

ENGL-2040 Renaissance Literature (3.0 credit hours) This survey course studies the literature of the English Renaissance, from the sixteenth to the mid-seventeenth century. It emphasizes the relationship between literature and its historical contexts, studying playwrights such as Shakespeare, Marlowe, and Jonson and poets such as the Sidneys, Donne, Herbert, and Milton. *Prerequisite(s): 6 credit hours of introductory English (1010-1050), including one of ENGL-1010, ENGL-1020, or ENGL-1050.*

ENGL-2050 Restoration and Eighteenth-Century Literature (3.0 credit hours) This survey course studies Restoration and Eighteenth-Century English literature. It emphasizes the relationship between literature and its historical contexts, studying authors such as Dryden, Bunyan, Behn, Swift, Pope, Burney, and Gay. *Prerequisite(s): 6 credit hours of introductory English (1010-1050), including one of ENGL-1010, ENGL-1020, or ENGL-1050.*

ENGL-2060 Romantic and Victorian Literature (3.0 credit hours) This survey course studies literature of the nineteenth century, principally British, and includes poetry, drama, non-fiction, and fiction. It emphasizes the relationship between literature and its historical contexts, studying authors such as Wordsworth, Keats, the Shelleys,

Tennyson, George Eliot, Newman, Ruskin, the Pre-Raphaelites, and Wilde. *Prerequisite(s): 6 credit hours of introductory English (1010-1050), including one of ENGL-1010, ENGL-1020, or ENGL-1050.*

ENGL-2070 Modernist Literature (3.0 credit hours) This survey course studies literature of the twentieth century, including poetry, drama, non-fiction, and fiction. The course emphasizes the relationship between literature and its historical contexts, studying authors such as Conrad, Woolf, Joyce, Yeats, Auden, T.S. Eliot, and Hemingway. The emphasis is on British modernism of the first half of the century, but the course may also consider other national literatures, as well as literary movements after modernism. *Prerequisite(s): 6 credit hours of introductory English (1010-1050), including one of ENGL-1010, ENGL-1020, or ENGL-1050.*

ENGL-2400 Creative Writing: Non-fiction (3.0 credit hours) This is a workshop-based course in non-fiction writing. Students will study models of accomplished writing and will produce a number of short pieces ranging from the autobiographic to the journalistic. Students will be expected, in addition to other work, to read and comment upon each other's work. This is not a remedial writing course. *Prerequisite(s): 6 credit hours of introductory English (1010-1050), including one of ENGL-1010, ENGL-1020, or ENGL-1050.*

ENGL-2410 Creative Writing: Short Fiction (3.0 credit hours) This is a workshop-based course in writing short fiction. Students will be expected, in addition to other work, to read and comment upon each other's work. *Prerequisite(s): ENGL-1010 or ENGL-1050.*

ENGL-2420 Creative Writing: Poetry (3.0 credit hours) This is a workshop-based course in writing poetry. Students will be expected, in addition to other work, to read and comment upon each other's work. *Prerequisite(s): ENGL-1020 or ENGL-1050.*

ENGL-2450 The Digital Word (3.0 credit hours) From personal texting to massive databases, electronic text is everywhere. But how does both the act of writing and text itself change in an electronic medium? This course considers the question in both practice and theory. Students will learn the basics of textual encoding (using a mark-up language such as XML) and digital tools for studying texts, and will also consider digital culture more broadly, with a focus on literature as it is either remediated into digital forms or 'born digital.' *Prerequisite(s): 6 credit hours of introductory English (1010-1050), including one of ENGL-1010, ENGL-1020, or ENGL-1050.*

ENGL-2520 Introduction to Literature for Theatre (3.0 credit hours) A study of plays both as literature and as

texts for stage presentation. The course provides an introduction to script analysis.

ENGL-2600 Asian and Asian North American Literature (3.0 credit hours) This course is designed to introduce students to some of the fascinating new writing coming out of the Asian diaspora in Canada and the U.S., and contemporary writing in translation from China and other parts of Asia. Through various genres such as the novel, memoir, graphic novel, drama, and poetry, we will look at the continuing shift of cultural values and identities in the Asian and Asian North American world of literature. *Prerequisite(s): 6 credits of Introductory English (1010-1050), including one of ENGL-1010, ENGL-1020, or ENGL-1050.*

ENGL-2950 Topics in English (3.0 credit hours) The content of this course will vary from year to year, depending on the needs of students and the interests and availability of instructors. *Prerequisite(s): 6 credit hours of introductory English (1010-1050), including one of ENGL-1010, ENGL-1020, or ENGL-1050.*

ENGL-3000 The History of the Book (3.0 credit hours) This course examines the book as a material and a conceptual object. It focuses on the development of writing technologies from stone tablets through the paper book and to electronic texts, asking centrally about the material history of the literature we read as well as our ideas about knowledge itself. *Prerequisite(s): 6 credit hours of introductory English (1010-1050), including one of ENGL-1010, ENGL-1020, or ENGL-1050.*

ENGL-3010 Shakespeare (3.0 credit hours) This course studies the dramas of William Shakespeare and asks both what they would have meant to their original audiences and why they remain popular today, four centuries later. Plays will include histories, comedies, tragedies, and romances. *Prerequisite(s): 6 credit hours of introductory English (1010-1050), including one of ENGL-1010, ENGL-1020, or ENGL-1050.*

ENGL-3011 Existentialism: Dostoevsky, Kierkegaard, and Nietzsche (3.0 credit hours) This course will examine select writings of authors who are described as 'existentialist.' Possible authors to be studied include: Kierkegaard, Dostoevsky, Nietzsche, Weil, Camus, and de Beauvoir. Broadly speaking, an author can be classified as 'existentialist' if their primary concern is to discern the truth of the human person beyond the concepts and categories supplied by the natural, social, psychological, and moral sciences. We will evaluate the authors' critiques of these various frameworks as well as the forms of individual and social life they advocate in place of them. *Prerequisite(s): 30 credit hours of university-level study. Cannot be held with the cross-listed course PHIL-3010.*

ENGL-3020 Studies in Sixteenth-Century Literature (3.0 credit hours) This course will consider the literature of the sixteenth century, with a particular focus. The focus may be on a particular topic or a particular author or group of authors. *Prerequisite(s): 6 credit hours of introductory English (1010-1050), including one of ENGL-1010, ENGL-1020, or ENGL-1050.*

ENGL-3030 Studies in Seventeenth-Century Literature (3.0 credit hours) This course will consider the literature of the seventeenth century, with a particular focus. The focus may be on a particular topic or a particular author or group of authors. *Prerequisite(s): 6 credit hours of introductory English (1010-1050), including one of ENGL-1010, ENGL-1020, or ENGL-1050.*

ENGL-3040 Nineteenth-Century Novel (3.0 credit hours) This course is a study of the emergence of the novel as one of the dominant literary forms. We will investigate historical and theoretical contexts, research theories of the rise of the novel, and examine various styles such as comedy, realism, romance, and early examples of modernism. The reading list will emphasize influential British novels but may include North American and European titles. Authors may include Scott, Austen, Bronte, Dickens, James, George Eliot, Hardy, Conrad, Twain, Hawthorne, Dostoyevsky, and Flaubert. *Prerequisite(s): 6 credit hours of introductory English (1010-1050), including one of ENGL-1010, ENGL-1020, or ENGL-1050.*

ENGL-3050 The Novel Since 1900 (3.0 credit hours) The novel survived a rapid series of transformations in the past century, including the declaration of "the death of the novel," and remains a dominant form. Each version of this course will offer a survey of influential novels or focus on a national tradition or topic. Trends to be examined include modernism, postmodernism, and magic realism. Theoretical and cultural contexts will be studied, but the primary goal of the course is detailed study of individual novels. *Prerequisite(s): 6 credit hours of introductory English (1010-1050), including one of ENGL-1010, ENGL-1020, or ENGL-1050.*

ENGL-3060 Canadian Literature (3.0 credit hours) Students will investigate Canadian poetry, fiction, drama, and non-fiction and consider the political and historical issues involved in the creation of 'Can Lit.' The focus will vary and may include regional, Indigenous, Francophone, or Pre-Confederation voices. Major authors may include Stephen Leacock, Mordecai Richler, Margaret Atwood, Guy Vanderhaeghe, Rudy Wiebe, Michael Ondaatje, Robert Kroetsch, Michel Tremblay, P.K. Page, and Thomas King. *Prerequisite(s): 6 credit hours of introductory English (1010-1050), including one of ENGL-1010, ENGL-1020, or ENGL-1050.*

ENGL-3070 World Literature in English (3.0 credit hours) Some of the most exciting and challenging writing

of the past decades belongs to the literatures of former British colonies. This course will consider the complex relationship between Indigenous and colonist literary traditions and the development of national voices within the colonial structures of language and genre. Individual instructors will focus the course, usually on a particular place or topic. *Prerequisite(s): 6 credit hours of introductory English (1010-1050), including one of ENGL-1010, ENGL-1020, or ENGL-1050.*

ENGL-3080 Mennonite Literature (3.0 credit hours) This course deals with literature that substantively engages the broad Mennonite experience, particularly in North America. It will primarily deal with recent Canadian and U.S. authors who write out of personal experience of Mennonite community, though not necessarily autobiographically. Texts will be studied in the context of Mennonite histories, cultures, and theologies. *Prerequisite(s): 6 credit hours of introductory English (1010-1050), including one of ENGL-1010, ENGL-1020, or ENGL-1050.*

ENGL-3090 Studies in Medieval Literature (3.0 credit hours) This course will consider the literature of the Middle Ages, with a particular focus. This focus may be on a particular topic or a particular author or group of authors. *Prerequisite(s): 6 credit hours of introductory English (1010-1050), including one of ENGL-1010, ENGL-1020, or ENGL-1050.*

ENGL-3091 Songwriting: Words and Music Together (3.0 credit hours) Songs are an ancient mode of expression and historically a powerful force expressing and motivating public opinion, persisting today as one of the most popular art forms. This course for non-majors as well as majors examines songs in a variety of genres and languages, by composers from many cultures and of diverse identities. We will analyze how these songs work, learn simple forms and harmonic progressions, and finally write songs and learn basic studio recording techniques. *Prerequisite(s): 30 credit hours of university-level study. A studio fee will be applied. Cannot be held with the cross-listed course MUSC-3090.*

ENGL-3100 Short Fiction (3.0 credit hours) This course will consider the short story and novella, from their origins (Aesop, Chaucer, Boccaccio, Grimm) through the flood of short fiction written from the mid-nineteenth century on, and on to present examples. The course will look at influential British, American, and Canadian short fiction (from Poe to Munro) and at works in translation from around the world, including examples of realism, romanticism, modernism, fantasy, detective fiction, etc. *Prerequisite(s): 6 credit hours of introductory English (1010-1050), including one of ENGL-1010, ENGL-1020, or ENGL-1050.*

ENGL-3110 Milton (3.0 credit hours) This course examines the work of John Milton with particular

emphasis on his epic poem *Paradise Lost*, and on other selections from his poetry and prose. *Prerequisite(s): 6 credit hours of introductory English (1010-1050), including one of ENGL-1010, ENGL-1020, or ENGL-1050.*

ENGL-3120 Dante: *The Divine Comedy* (3.0 credit hours) When, at the mid-point of his life, Dante found himself in the midst of a crisis, he turned to the dead to help him find his way. Equal parts literature, poetry, history, politics, philosophy, and theology, this course will follow Dante's epic journey through hell, purgatory, and heaven as recorded in *the Divine Comedy*. *Prerequisite(s): 6 credit hours of introductory English (1010-1050), including one of ENGL-1010, ENGL-1020, or ENGL-1050, or 6 credit hours of 1000- or 2000-level Philosophy. Cannot be held with the cross-listed courses BTS-3120 or PHIL-3120.*

ENGL-3430 Literary Non-Fiction (3.0 credit hours) This course will focus on the personal essay, a vital literary form that allows the writer informal and candid reflection on self and on social, political, and spiritual issues. We will study examples from ancient times to the present day and include memoirs, polemics, and comic essays. Our reading list will feature such famous essayists as Augustine, Montaigne, Lamb, Woolf, and Orwell. The focus will be on short essays, but influential book-length non-fiction works will also be included. *Prerequisite(s): 6 credit hours of introductory English (1010-1050), including one of ENGL-1010, ENGL-1020, or ENGL-1050.*

ENGL-3750 Shakespeare, Philosophy, and Religion (3.0 credit hours) Taking a cue from the American philosopher Stanley Cavell, this course places the work of Shakespeare into conversation with early modern philosophy and religion. In particular, it will explore the claim that Shakespeare's tragic and post-tragic plays—*Othello, King Lear, The Winters Tale, The Tempest*—are responding in different ways to the same challenges associated with early modern philosophers such as René Descartes. Finally, it will examine how these issues play out in early modern religious life and thought. *Prerequisite(s): 30 credit hours of university-level studies. Cannot be held with the cross-listed courses BTS-3750 or PHIL-3750.*

ENGL-3760 Literature and Theology (3.0 credit hours) An interdisciplinary study of literary and doctrinal texts that invites students to experience these sources theologically and imaginatively, doing so in a way that enables the study of various themes such as redemption, forgiveness, love, and fidelity to others and to creation. *Prerequisite(s): 30 credit hours of university-level studies, including 6 credit hours in either Biblical and Theological Studies or introductory English (1010-1050), the latter of which must include one of ENGL-1010, ENGL-1020, or ENGL-1050. Cannot be held with the cross-listed course BTS-3760.*

ENGL-3765 Mennonite Literature and Theology (3.0 credit hours) Writers of Mennonite heritage have found a

prominent place in Canadian and American literature, and Mennonite literature, broadly understood to include fiction, poetry, memoir, and literary criticism, has become a recognizable minor literature in North America. This course will provide an opportunity to read and consider theological writings alongside of Mennonite literature produced by writers such as Rudy Wiebe, Julia Kasdorf, Miriam Toews, David Bergen, Dora Dueck, and Di Brandt, attempting to understand literary style, thematic developments, Mennonite sensibilities embraced or denied, and so on. Given the unique opportunity afforded by our location, the course may incorporate presentations by Winnipeg writers. *Prerequisite(s): 30 credit hours of university-level studies, including 6 credit hours in Biblical and Theological Studies. Cannot be held with the cross-listed course BTS-3765.*

ENGL-3800 Reading Culture (3.0 credit hours) An extension of the practices involved in reading written texts, this course includes the exploration and analysis of other cultural forms such as film, TV programming, and visual graphics, including photographs and advertising that participate in the cultural production of meaning. Attention will be given to theories of how meaning is constructed and exchanged. *Prerequisite(s): 6 credit hours of introductory English (1010-1050), including one of ENGL-1010, ENGL-1020, or ENGL-1050.*

ENGL-3900 Major Authors (3.0 credit hours) This course will take up the work of a single author (or a combination of authors) with an aim to understanding the body of work of that author. Choice of author and of approach will be made annually. *Prerequisite(s): 6 credit hours of introductory English (1010-1050), including one of ENGL-1010, ENGL-1020, or ENGL-1050.*

ENGL-3910 Literary Genres (3.0 credit hours) This course will examine representative works from a chosen genre, such as chivalric romance, Petrarchan love poetry, detective fiction, or science fiction. Choice of genre will be made annually. *Prerequisite(s): 6 credit hours of introductory English (1010-1050), including one of ENGL-1010, ENGL-1020, or ENGL-1050.*

ENGL-3920 Children's Literature (3.0 credit hours) Our current conception of childhood as a particular phase of personhood arguably dates from the Romantic era, when the notion of childhood as a time of innocence, play, and imagination began to replace the perception that children merely had to be instructed in adult responsibility. This course will study a number of significant literary works for young people produced during the past 150 years. Picture books, alphabet primers, children's verse, works of the late Victorian 'Golden Age,' fantasy, fairy tales, and social problem novels are among the genres to be considered. Along the way we will consider questions about literacy, independence, adventure, creativity, gender, difference

and diversity, and moral education. *Prerequisite(s): 6 credit hours of introductory English (1010-1050), including one of ENGL-1010, ENGL-1020, or ENGL-1050.*

ENGL-3950 Topics in English (3.0 credit hours) The content of this course will vary from year to year, depending on the needs of students and the interests and availability of instructors. *Prerequisite(s): 6 credit hours of introductory English (1010-1050), including one of ENGL-1010, ENGL-1020, or ENGL-1050.*

ENGL-4000 Senior Thesis in English (6.0 credit hours) *This course is restricted to students completing the Bachelor of Arts, four-year major in English. Eligible students should refer to the Thesis Writing Procedures in the ACADEMIC POLICIES AT SHAFTESBURY CAMPUS section of this calendar.*

ENGL-4200 Revenge (3.0 credit hours) This course will explore the cultural and theological meanings of revenge through a range of literary forms including drama, narrative, poetry, and film, beginning with the tradition of the revenge tragedy. Why do so many revenge stories end in cataclysm? Out of what does the desire for revenge arise? Is the desire for revenge an endless response to injustice? What is forgiveness, and how might it interrupt the desire for revenge? *Prerequisite(s): 30 credit hours of university-level studies, including 6 credit hours in either Biblical and Theological Studies or introductory English (1010-1050), the latter of which must include one of ENGL-1010, ENGL-1020, or ENGL-1050.*

ENGL-4800 Literary Theory (3.0 credit hours) Students will be introduced to some of the many methods used to interpret literary material and helped to develop a theoretically informed approach to literature. Perspectives will include psychoanalytic theory, Marxism, feminism, New Criticism, reader-response criticism, New Historicism, postmodernist theory, and postcolonial theory. Students will develop greater self-consciousness about critical practice, the ability to ask new and different questions of texts, and the ability to cope with the complex vocabulary of modern criticism. *Prerequisite(s): 6 credit hours of introductory English (1010-1050), including one of ENGL-1010, ENGL-1020, or ENGL-1050.*

ENGL-4940 Independent Study in English (3.0 credit hours) A study in a specific area of English under the direction of a faculty member. *Prerequisite(s): 60 credit hours of university-level studies, including 6 credit hours of introductory English (1010-1050), including one of ENGL-1010, ENGL-1020, or ENGL-1050, and additional 9 credit hours in English.*

ENGL-4950 Topics in English (3.0 credit hours) The content of this course will vary from year to year, depending on the needs of students and the interests and availability of instructors. *Prerequisite(s): 6 credit hours*

of introductory English (1010-1050), including one of ENGL-1010, ENGL-1020, or ENGL-1050.

Environmental Studies

The Environmental Studies major at CMU equips students with interdisciplinary knowledge and skills to address pressing environmental challenges. Rooted in our Anabaptist tradition, the program spans natural sciences, social sciences, and humanities, emphasizing peace and justice in environmental contexts. Students engage in courses ranging from ecological peacebuilding to conservation biology to sustainable food systems, supported by a robust practicum experience.

This program prepares graduates for impactful careers in environmental policy, conservation, and sustainable development, fostering a deep understanding of the ecological and social dimensions of environmental issues. Graduates emerge ready to lead and serve in efforts toward ecological stewardship and community resilience.

Students may choose courses in environmental studies to fulfill requirements for social sciences or general electives in any degree program. Students who wish to concentrate in this subject field may choose a major in environmental studies within the four-year Bachelor of Arts. For details regarding the requirements of these programs, see the ACADEMIC PROGRAMS section of this calendar.

ENVS-1030 Introduction to Environmental Studies (3.0 credit hours) This course is a study of interactions between humans and the environment: the natural systems and resources upon which human activity depends, the environmental problems that have resulted from human activity, and the efforts being made toward environmental sustainability. Environmental problems such as air and water pollution, climate change, soil degradation and deforestation, energy sustainability, and biodiversity are introduced with an interdisciplinary perspective, using both Canadian and global examples. *Cannot be held with the cross-listed course GEOG-1030.*

ENVS-2620 Ecological Peacebuilding (3.0 credit hours) This course will explore the role of the ecology in peacebuilding, focusing on relationships between environmental insecurity and conflict, ecological integrity and justice, and on the politics, theory, and skills of ecological peacebuilding. Drawing upon a broad range of historical and contemporary case studies, students will be encouraged to apply these insights as part of the learning process. *Prerequisite(s): PCTS-1110. Cannot be held with the cross-listed course PCTS-2620.*

ENVS-3010 Environment, Society, and Resilience (3.0 credit hours) The course will help students analyze principles of sustainability, resilience, and complexity

associated with energy, matter, and ecosystem functioning, within the context of social values, human technology, and politics. The course seeks to equip students to assess socio-ecological issues including water management, climate change adaptation, agriculture, fisheries, forestry, and extractive industries from an interdisciplinary perspective. *Prerequisite(s): 30 credit hours of university-level study. Cannot be held with the cross-listed courses GEOG-3010 or IDS-3010.*

ENVS-3521 Study of Simple Living (3.0 credit hours) Within international development studies, development is increasingly understood as a participatory, deliberate process aimed at enhancing the quality of life for individuals within social and ecological communities. This course examines the concepts, theories, and practices of simple living as an everyday, ordinary practice for individuals seeking alternatives to consumer values and culture. The course explores the roots of simple living and its modern expressions, with special emphasis on the relevance of simple living for building emotional well-being, vibrant communities, resilient ecological systems, and practices that contribute to social justice in a globalizing world. *Prerequisite(s): 30 credit hours of university-level study. Cannot be held with the former IDS-2521 or cross-listed courses IDS-3521 or SOCI-3521.*

ENVS-3950 Topics in Environmental Studies (3.0 credit hours) The context of this course will vary from year to year, depending on the needs of students and the interests and availability of instructors. *Prerequisite(s): 30 credit hours of university-level studies.*

ENVS-4000 Thesis in Environmental Studies (6.0 credit hours) *This course is restricted to students completing the Bachelor of Arts, four-year major in Environmental Studies. Eligible students should refer to the Thesis Writing Procedures in the ACADEMIC POLICIES AT SHAFTESBURY CAMPUS section of this calendar.*

ENVS-4940 Independent Study in Environmental Studies (3.0 credit hours) A study in a specific area of Environmental Studies under the direction of a faculty member. *Prerequisite(s): 60 credit hours of university-level studies, including ENVS-1030.*

Geography

The study of geography concerns physical and human processes and interactions on the earth's surface. Physical geography asks where and why natural phenomena (such as weather, climate, soils, landforms, vegetation types) occur as they do. Human geography asks where and why human and cultural elements (such as language, population, religion, agriculture, industry, and conflict) are located as they are. Investigation of the interplay between physical factors and human factors is central to the discipline. Studies in geography equip students to

appreciate and care for creation and prepare students for careers in education, conservation, planning, and resource industries.

Students may choose courses in geography to fulfill requirements for social sciences or general electives in any degree program. Students who wish to concentrate in this subject field may choose either a major in geography within the three-year Bachelor of Arts, or they may choose a minor in geography in either the four- or the three-year Bachelor of Arts. For details regarding the requirements of these programs, see the ACADEMIC PROGRAMS section of this calendar.

GEOG-1000 Introduction to Physical Geography (3.0 credit hours) An examination of elements of the physical environment such as weather, climate, hydrology, landforms, soils, vegetation, and the processes producing variations of these elements through time on the surface of the earth. Examples of environmental interrelationships and problems that affect people are emphasized.

GEOG-1010 Introduction to Human Geography (3.0 credit hours) An examination of aspects of the human world. Topics may include: distribution of human populations, evolution of human societies, behavioural norms or cultures of these societies, and the influence of culture in its various manifestations (language, religion, customs, politics, etc.) on the human landscape including settlement types, forms of agriculture, and travel patterns. Attention is given to environmental and cultural factors involved in the present-day divisions between the “developed” and the “under-developed” worlds.

GEOG-1030 Introduction to Environmental Studies (3.0 credit hours) This course is a study of interactions between humans and the environment: the natural systems and resources upon which human activity depends, the environmental problems that have resulted from human activity, and the efforts being made toward environmental sustainability. Environmental problems such as air and water pollution, climate change, soil degradation and deforestation, energy sustainability, and biodiversity are introduced with an interdisciplinary perspective, using both Canadian and global examples. *Cannot be held with the cross-listed course ENVS-1030.*

GEOG-2010 Introduction to Global Health (3.0 credit hours) A survey of global health issues, including infectious and neglected tropical diseases, malnutrition and the nutrition transition, maternal and child health, and environmental health. *Prerequisite(s): 30 credit hours of university-level studies. Cannot be held with the cross-listed courses BIOL-2010 or IDS-2010.*

GEOG-2131 Rural Development (3.0 credit hours) This course examines changes to rural society and economy in the South—Africa, Asia, and Latin America— and rural

communities in Canada brought about historically by colonialism and more recently through modern development efforts. Discussion highlights the impact of agrarian reform, technological change, and domestic government policies on economic development and social differentiation. *Prerequisite(s): ENVS-1030, GEOG-1010, GEOG-1030, or IDS-1110. Cannot be held with the cross-listed course IDS-2131.*

GEOG-2950 Topics in Geography (3.0 credit hours) The content of this course will vary from year to year, depending on the needs of students and the interests and availability of instructors.

GEOG-3010 Environment, Society, and Resilience (3.0 credit hours) This course will help students analyze principles of sustainability, resilience, and complexity associated with energy, matter, and ecosystem functioning, within the context of social values, human technology, and politics. The course seeks to equip students to assess socio-ecological issues including water management, climate change adaptation, agriculture, fisheries, forestry, and extractive industries from an interdisciplinary perspective. *Cannot be held with the cross-listed courses ENVS-3010 or IDS-3010.*

GEOG-3020 Just and Sustainable Food Systems (3.0 credit hours) This course explores food system dynamics at multiple scales, from the household to the global, with particular attention to the diversity of worldviews that underpin the current discourses surrounding ecological sustainability, food security, and food justice. The course follows food from the farms and fishing boats, through local and global marketplaces and, finally, to those who eat. Participants will examine models of agriculture, small-scale fisheries, water scarcity, the Asian and African Green Revolutions, corporate concentration in the food system, local and global food markets, community food security, obesity, hunger, food waste, the global food price crisis, energy, and the impacts of climate change. *Prerequisite(s): 30 credit hours of university-level studies. Cannot be held with the cross-listed course IDS-3020.*

GEOG-3950 Topics in Geography (3.0 credit hours) The content of this course will vary from year to year, depending on the needs of students and the interests and availability of instructors. *Prerequisite(s): 30 credit hours of university-level study, including 6 credit hours of geography at the 1000- or 2000-level.*

GEOG-4940 Independent Study in Geography (3.0 credit hours) A study in a specific area of Geography under the direction of a faculty member. *Prerequisite(s): 60 credit hours of university-level studies, including GEOG-1000 and GEOG-1010, as well as an additional 9 credit hours in Geography.*

History

The study of history enables students to understand various movements and influences that throughout time have shaped and formed the world in which they live. It explores the influence of culture, religion, politics, economics, and other forces from the emergence of written texts to the present time. It includes inquiry into the formation of western civilization as well as the formation and intersections of global civilizations. At CMU, significant attention is also given to the history of Christianity, but the courses that most specifically address this area appear under Biblical and Theological Studies. Studies in history prepare students for careers in government, journalism, archival work, and education.

Students may choose courses in history to fulfill requirements for humanities or general electives in any degree program. Students who wish to concentrate in this subject field may choose a major or a minor, either in the four- or the three-year Bachelor of Arts. For details regarding the requirements of these programs, see the ACADEMIC PROGRAMS section of this calendar.

The major in history requires course work in specific subfields. The subfield categories are as follows:

- Canadian History
- Mennonite/Anabaptist History
- North American Indigenous History
- Religious History
- History outside Canada, United States, or Western Europe
- History Before 1400

HIST-1000 History of the West in Global Context I (3.0 credit hours) This course introduces students to the development of western civilization to 1500 CE, paying particular attention to the interrelationships of social, intellectual, political, and economic developments. Through the analysis of selected ideas, issues, texts, and events in different global locations, the course critically examines common understandings of the values and institutions of western civilization.

HIST-1010 History of the West in Global Context II (3.0 credit hours) This course introduces students to the continuing development of western civilization since 1500 CE, paying particular attention to how the relationships of social, intellectual, political, and economic developments among various civilizations have become increasingly enmeshed. Through the analysis of selected ideas, issues, texts, and events in different global locations, the course critically examines common understandings of the values and institutions of western civilization.

HIST-1020 History in the Making (3.0 credit hours) History in the Making is a series of introductory history

courses designed to guide students in both historical content on a focused topic and historical practice by historians. Each History in the Making offering has the following three aspects in common: 1. Student engagement with primary sources, 2. Exposure to historiographical development, 3. The course covers a long period of time (centuries) and a broad geographic area (continents).

HIST-2000 History of Science (6.0 credit hours) A survey of the development of science from ancient to modern times with emphasis on the concepts of the physical sciences. *Not recommended for first year students.*

HIST-2020 History of Colonial Canada (3.0 credit hours) A study of the development of Canada from its colonial origins to the completion of national and transcontinental unification. Emphasis is on French Canada, Indian-European cultural contact, regional life and social organization, impact of colonialism, and the creation of a national state. *History Category: Canadian History.*

HIST-2030 History of the Canadian Nation since 1867 (3.0 credit hours) A study of the national development of Canada to the present. Emphasis is placed on French Canada, the regional life and social organization of the country, the impact of continentalism, the development of the economy, and the rise of a national sentiment. *History Category: Canadian History.*

HIST-2040 History of Indigenous Peoples of Canada (3.0 credit hours) The contemporary cultural resurgence and political organizing of Indigenous peoples invokes new perspectives on Canadian history. This historical survey will explore pre-contact social organization, colonialism and resistance, treaties and land claims, reserves and residential schools as structures of social control, evolving public policy (e.g., Indian Act), Native identities, struggles for self-determination, and the rights of revolution. *History Category: Canadian History or North American Indigenous History. Cannot be held with the cross-listed course INDS-2040.*

HIST-2050 Winnipeg: Can Winter be a City? (3.0 credit hours) Is Winnipeg so many lines on a map and a perimeter highway? Is it more than its dominant stereotype: Cold? What is Winnipeg? We will contemplate what has made life, work, play, and worship in River City so exciting, daunting, provocative, and unexpected. The course will explore these questions through periods of expansion, decline, war, industrialization, immigration, globalization, and stories told by boosters and detractors. To think about the city we will explore art, disease, neighborhoods, politics, criminals, radicals, reactionaries, preachers, and winter. *History Category: Canadian History.*

HIST-2060 Religion and Conflict in Historical Perspective (3.0 credit hours) This course attends to a range of perspectives that world religions have had toward peace and conflict throughout the ages in various social environments. Students will be introduced to theories and practices related to conflict and nonviolence in such religions as Buddhism, Hinduism, Judaism, Christianity, and Islam. *History Category: Religious History.*

HIST-2080 Mennonites in Europe (3.0 credit hours) A study of Mennonite social history in Europe from the end of the sixteenth-century Anabaptist reformations to the present. Included in the study are the communities in Western Europe, Poland, Prussia, and Russia. *History Category: Mennonite/Anabaptist History.*

HIST-2090 Mennonites in Canada and the United States (3.0 credit hours) A study of Mennonite social history in Canada and the United States from the first immigrations in the seventeenth century to the present, with special emphasis on Canada. *History Category: Religious History or Mennonite/Anabaptist History. Cannot be held with the cross-listed course BTS-2090.*

HIST-2100 History of the United States from 1607 (3.0 credit hours) A study of the development of the United States of America from its colonial origins to its emergence, four centuries later, as a global superpower. Attention will be given to political, economic, social, and intellectual developments from Jamestown to 9/11. *Cannot be held with the cross-listed course POLS-2100.*

HIST-2110 The Fifties and Sixties: North America Cold, Cool and Radical (3.0 credit hours) An examination of the post-World War II decades of North America in its political, economic, social, and intellectual contexts. Individuals that may be studied include Elvis Presley, Lester Pearson, Ronald Reagan, Tommy Douglas, Martin Luther King Jr., Betty Friedan, Marshall McLuhan, Rachel Carson, Charles Manson, and Pierre Trudeau. Topics may include social revolutions (Quiet Revolution, Civil Rights), politics (Cold War, Great Society, Medicare), body and technology (The Pill, vaccines, organ transplants), youth protest (Beat, Berkeley), and consumer culture. *Cannot be held with the cross-listed course POLS-2110.*

HIST-2270 History of Rock Music: Investigating Rock's 'Storied' Past, 1960-1995 (3.0 credit hours) This course explores the lives of artists and changing musical trends in rock music history, beginning with the origins of rock music in genres including blues, Country & Western, and gospel, and continuing through several differing streams of music that fall under the umbrella of "rock" at the end of the twentieth century. In addition to practicing close listening, students will focus on primary sources as a means to critically examining the social and political process of history-making. *Cannot be held with the cross-listed course MUSC-2270.*

HIST-2280 History of Gospel Music (3.0 credit hours) This critical cultural history of gospel music from the United States and around the world engages the Black experience as a central part of this music's history. Using primary and secondary materials, this class investigates the historical, religious, political, cultural, and social context of the musical worlds in which these artists and audiences lived. Students will engage in close listening practices to musical examples from across the globe. *Cannot be held with the cross-listed course MUSC-2280.*

HIST-2510 History of Art and Culture I: Classical to Late Medieval (3.0 credit hours) A survey of art history from the Classical era in Egypt, Greece, and Rome to the Late Middle Ages (15th century) in Western Europe. The course will give attention to the relationship of art and architecture to other facets of social, religious, cultural, and intellectual history. *History Category: History Before 1400. Cannot be held with the former TFA-2020.*

HIST-2520 History of Art and Culture II: Renaissance to the Present (3.0 credit hours) A survey of art history from the Renaissance to present day. The course will give attention to the relationship of art and architecture to other facets of social, religious, cultural, and intellectual history. *Cannot be held with the former TFA-2000 or TFA-2030.*

HIST-2550 History of Christianity (3.0 credit hours) A survey of the historical developments in Christianity from the early church to the present. Attention will be paid to the manner in which Christianity was influenced by its social setting and at the same time stimulated change in its host culture. *History Category: Religious History. Cannot be held with the cross-listed course BTS-2550.*

HIST-2570 Anabaptism: From European to Global Reality (3.0 credit hours) This course explores the evolving character of Anabaptist identity over a 500-year period. The course will begin by giving attention to sixteenth-century origins in Europe and it will follow the ongoing story of how Anabaptist communities evolved over several centuries before becoming a global reality. The course may give attention to selected issues and themes. For the most part, the accent in this course will be on the Mennonite story. *History Category: Mennonite/Anabaptist History. Cannot be held with the cross-listed course BTS-2570.*

HIST-2600 Historians at Work (3.0 credit hours) This course focuses on the work of one or two historians, offering a deeper look at what historians do and what history is. It looks at issues like how those historians' interests and methods shaped their work, how their interests evolved, how they contributed to (or created) their field, and how their work has been used by others. Alternatively, this course may feature a debate in history and look at two or three historians who take different

positions in that debate. *Prerequisite(s): 3 credit hours of 1000-level history.*

HIST-2950 Topics in History (3.0 credit hours) The content of this course will vary from year to year, depending on the needs of students and the interests and availability of instructors.

HIST-3000 Renaissance and Reformation (3.0 credit hours) This course traces the cultural, political, and religious developments of the renaissance and reformation period that transformed Europe from a medieval to a modern society. *Prerequisite(s): 30 credit hours of university-level study, including 6 credit hours of 1000- or 2000-level History. History Category: Religious History.*

HIST-3010 Topics in Canadian History (3.0 credit hours) An in-depth lecture/seminar course examining selected topics in Canadian History. *Prerequisite(s): 30 credit hours of university-level study, including 6 credit hours of 1000- or 2000-level History. History Category: Canadian History.*

HIST-3030 Topics in Global History (3.0 credit hours) The topic selected may be regionally oriented (e.g., African, Asian, or Latin American) or thematically oriented to include various global regions (e.g., the Atlantic Slave Trade, Globalization, or the Twentieth-Century World). *Prerequisite(s): 30 credit hours of university-level study, including 6 credit hours of 1000- or 2000-level History. History Category: History outside Canada, United States, or Western Europe.*

HIST-3070 Emergence of a Polycentric World: A History of the Developing World I (3.0 credit hours) Why are some countries poor and marginalized, while others are rich and powerful? This course examines the historical roots of development and underdevelopment, processes that led to the emergence of the developing world or Third World as a distinctive, though diverse region. The course surveys the phenomena of colonization, trade, manufacturing, and militarization in the three southern continents from the 14th to the 19th century. It investigates the ways in which both external pressures and internal dynamics contributed to development-related continuity and change in these regions. *Prerequisite(s): 30 credit hours of university-level study, including 3 credit hours of 1000-level History.*

HIST-3080 Imperialism and Industrialization, Decolonization and Development: A History of the Developing World II (3.0 credit hours) Why are some countries poor and marginalized, while others are rich and powerful? This course examines the historical roots of development and underdevelopment, processes that led to the emergence of the developing world or Third World as a distinctive, though diverse region. The course surveys the phenomena of colonization, trade,

industrialization, and militarization in the three southern continents from the 19th through the 21st century. It investigates the ways in which both external pressures and internal dynamics contributed to development-related continuity and change in these regions. *Prerequisite(s): HIST-3070.*

HIST-3100 Religion in Canadian History (3.0 credit hours) A lecture/seminar course surveying religious thought and practice from the fifteenth century to the present. Topics include the Canadian religious context at European Contact, spread and institutionalization of Canadian Christianity, and the rise and implications of religious pluralism. *Prerequisite(s): 30 credit hours of university-level study, including 6 credit hours of 1000- or 2000-level History. History Category: Canadian History.*

HIST-3400 Trans-Atlantic Conservatism (3.0 credit hours) People encounter conservatism mostly as an electoral choice among political parties. What is conservatism? Through an examination of texts on politics, morality, religious faith, aesthetics, art, community formation, as well as selected ghost stories, short stories, and poems, the classic conservative tension between tradition and change will be explored as a multifaceted disposition towards the human experience. Part of this exploration is of conservatism shaped and reshaped in the crucible of politics. *Prerequisite(s): 30 credit hours of university-level study, including 6 credit hours of 1000- or 2000-level History. History Category: Religious History.*

HIST-3550 Trans-Atlantic Evangelicalism (3.0 credit hours) In 1647 George Fox spoke of “an inward transformation of heart.” In 1738 Charles Wesley “felt my heart strangely warmed;” and in 1921, Aimee Semple McPherson heard a sermon that, “seemed to pierce like an arrow through my heart.” From hearts so touched and divine warmth came many active in their faith, communities, and in such causes as abolitionism and temperance. Evangelicalism also engaged the mind where science, theology, arts, and culture were explored seriously. In this course we will explore evangelicalism in an international context over the past three centuries and how in its diversity it engaged culture, society, the church, and the individual through the heart and mind. *Prerequisite(s): 30 credit hours of university-level study, including 6 credit hours of 1000- or 2000-level History. History Category: Religious History. Cannot be held with the cross-listed course BTS-3550.*

HIST-3950 Topics in History (3.0 credit hours) The context of this course will vary from year to year, depending on the needs of students and the interests and availability of instructors. *Prerequisite(s): 30 credit hours of university-level studies, including 6 credit hours of 1000- or 2000-level history.*

HIST-4180 Jews and Christians in Greco-Roman Society (3.0 credit hours) This course will study the development of Jewish and Christian self-definition during the formative years of the new community of Christians in the Greco-Roman world. The investigation will focus on Jewish religious and social life in the second temple period, the pre-Pauline Jewish Christian community, Paul and the launching of the Gentile world mission, the development of Christologies in the new communities, and the forces that separated the Christian and Jewish communities. *Prerequisite(s): 60 credit hours of university-level studies, including 9 credit hours in Biblical and Theological Studies. History Category: Religious History. Cannot be held with the cross-listed course BTS-4180.*

HIST-4200 Theory and Methods of History (3.0 credit hours) In this seminar, we will theorize history and historicize theory—even the most anti-historical theories. The course will examine such modern canonical writers as Hegel, Marx, and Collingwood. As well, we will survey such developments in theory and criticism as structuralism, post-colonialism, and explore debates on history and memory as found in museums and popular cultures. Students will be engaged in practical applications of historical methodologies discussed in class. *Prerequisite(s): 30 credit hours of university-level study, including 6 credit hours of 1000- or 2000-level history. Cannot be held with the former HIST-3200.*

HIST-4210 Senior Research Seminar in History (3.0 credit hours) This course, a continuation of HIST-4200, explores various methodologies used by historians to investigate, interpret, and represent the past, along with ethical concerns in the research process. Students will design, research, and author a major project grounded in original primary source materials. It is a substantial project that will be workshopped throughout the semester where students will assist each other in problem solving, feedback, and constructive critique. There is a public presentation component at the conclusion of the course. *Prerequisite(s): HIST-3200. Cannot be held with the former HIST-3210.*

HIST-4940 Independent Study in History (3.0 credit hours) A study in a specific area of History under the direction of a faculty member. *Prerequisite(s): 60 credit hours of university-level studies, including 6 credit hours of 1000-level History, and an additional 9 credit hours in History.*

HIST-4950 Topics in History (3.0 credit hours) The content of this course will vary from year to year, depending on the needs of students and the interests and availability of instructors. *Prerequisite(s): 30 credit hours of university-level studies, including 6 credit hours of 1000- or 2000-level history.*

Indigenous Studies

INDS-1010 Native Peoples of Canada I This course introduces students to the Aboriginal Peoples of Canada by providing a survey of their political, social, economic, and cultural contexts and situations. Beginning with pre-contact times and cultural frameworks spanning Indigenous communities across North America, it will outline the history of colonization and the long-term effects of this process on First Nations, Métis, and Inuit. This course will also explore de-colonization, resistance movements and manifestation. Given the interdisciplinary nature of Native Studies, this course approaches the various topics from a variety of disciplinary perspectives. It will place emphasis on Aboriginal culture and spirituality, history, politics, economics, education, ethnography, and more. *Cannot be held with INDS-1050.*

INDS-1020 Native Peoples of Canada II Continuation of INDS-1010. *Cannot be held with INDS-1050.*

INDS-1050 Indigenous Peoples of Canada (3.0 credit hours) An overview of Indigenous societies in Manitoba and Canada, linking processes of the past with contemporary Indigenous life and issues. The course covers topics such as stages of colonization, pre- and post-contact periods, Indigenous kinship systems, the fur trade, the treaties, the Indian Act, residential schools, Metis nationhood and land issues, the Federal White Paper Policy (1969), Bill C-31 (1985), Indigenous rights, Indigenous land claims, Indigenous economic development, Indigenous urbanization, and Indigenous gender issues. *Cannot be held with the former INDS-1010 or INDS-1020.*

INDS-2040 History of Indigenous Peoples of Canada (3.0 credit hours) The contemporary cultural resurgence and political organizing of Indigenous peoples invokes new perspectives on Canadian history. This historical survey will explore pre-contact social organization, colonialism and resistance, treaties and land claims, reserves and residential schools as structures of social control, evolving public policy (e.g., Indian Act), Native identities, struggles for self-determination, and the rights of revolution. *Cannot be held with the cross-listed course HIST-2040.*

Interdisciplinary Studies

INTD-1000 Ways of Knowing I (3.0 credit hours) This course introduces students to the university by getting them involved in asking a big question alongside other students and professors from many subject areas. It includes seminars, round table discussions, a few big lectures, and fieldtrips, all in order to do the things the university does best: taking the time to think about real

problems, from multiple expert viewpoints (or ways of knowing), and to develop their own ideas. *Prerequisite(s): Curiosity.*

International Development Studies

In this interdisciplinary field of inquiry, students will be challenged to explore the causes and consequences of processes that promote some individuals, communities, and nations, and exclude others. Moreover, students will be prepared for citizenship in an increasingly interdependent global community and will be encouraged to envision paths toward a transformed, just world.

Students may choose courses in International Development Studies to fulfill requirements for social sciences or general electives in any degree program. Students who wish to concentrate in this subject field may choose a major or a minor, either in the four-year or the three-year Bachelor of Arts. For details regarding the requirements of these programs, see the **ACADEMIC PROGRAMS** section of this calendar.

IDS-1110 Introduction to International Development Studies (3.0 credit hours) This course will survey critical development issues, including understandings and definitions of poverty and sustainable development, broad development theories from modernization to post-development, the historical context of decolonization, and the roles of key local, national, and international development actors. It will focus primarily on countries of the global South—Africa, Asia, and Latin America—but also examine how Canada participates in local, national, and global dynamics of development and underdevelopment.

IDS-2000 The Project Cycle (3.0 credit hours) Time-limited projects remain an important way in which development and other social change assistance are delivered by non-profit agencies. The course will introduce the elements and practices of the project cycle, from identification and planning, through monitoring and evaluation of project implementation, including key issues in the project cycle, such as logical frameworks, managing for results, participatory planning and evaluation, appreciative approaches, and capacity building. *Prerequisite(s): BUSI-1000 or IDS-1110. Cannot be held with the cross-listed course PCTS-2000.*

IDS-2010 Introduction to Global Health (3.0 credit hours) A survey of global health issues, including infectious and neglected tropical diseases, malnutrition and the nutrition transition, maternal and child health, and environmental health. *Prerequisite(s): 30 credit hours of university-level studies. Cannot be held with the cross-listed courses BIOL-2010 or GEOG-2010.*

IDS-2011 Economics of Development (3.0 credit hours) This course introduces neoclassical and alternative economic theories relevant to understanding various aspects of development: (i) national aspects, including theories of growth, inequality, labour, and the role of the state; (ii) international aspects, including theories of finance, international financial institutions, trade and globalization; and (iii) sub-national aspects of development, including theories of growth linkages, micro-credit, and community economic development. *Prerequisite(s): IDS-1110 or both ECON-1000 and ECON-1010. Cannot be held with the cross-listed course ECON-2010.*

IDS-2040 Global Issues (3.0 credit hours) Many countries around the globe face a similar set of issues as they relate to indigenous peoples, economic development, religious change, justice and peace, migration, and the environment. These issues take a specific form in Guatemala, a country that has been shaped by a 36-year-long war. This course will examine the following issues through the lens of the Guatemalan context: environment, Mayan culture and spirituality, war and peace, and migration. *Prerequisite(s): 24 credit hours of university-level study, including 3 credit hours of introductory social sciences. This course is available only through CMU's study abroad programs, Guatemala sites only. Cannot be held with the cross-listed courses PCTS-2040 or POLS-2041.*

IDS-2110 Participatory Local Development (3.0 credit hours) The failure of large-scale development efforts to eradicate poverty in the South—Asia, Africa, and Latin America—and developing communities in Canada has led to a search for alternative participatory, community development projects. This course examines historic efforts at participatory development, including community development and co-operative formation, and then considers the attention given to non-governmental organizations and grassroots movements today. *Prerequisite(s): 30 credit hours of university-level studies, including IDS-1110.*

IDS-2131 Rural Development (3.0 credit hours) This course examines changes to rural society and economy in the South—Africa, Asia, and Latin America— and rural communities in Canada brought about historically by colonialism and more recently through modern development efforts. Discussion highlights the impact of agrarian reform, technological change, and domestic government policies on economic development and social differentiation. *Prerequisite(s): ENVS-1030, GEOG-1010, GEOG-1030, or IDS-1110. Cannot be held with the cross-listed course GEOG-2131.*

IDS-2171 Crisis, Humanitarian Aid, and Disaster Recovery (3.0 credit hours) Today, crises threaten global human security as never before. These crises are caused by a complex mix of natural hazards (such as floods,

earthquakes, or droughts) and human action or inaction. This course will explore how humanitarian assistance and disaster recovery efforts can best promote resilience by reducing vulnerability and disaster risk. Community and organizational responses to humanitarian crises will be examined, emphasizing efforts to improve aid quality and accountability. *Prerequisite(s): 6 credit hours of introductory Social Science, may be taken concurrently. Recommended prerequisite(s): IDS-1110.*

IDS-2420 Ecological Economics (3.0 credit hours) Ecological economics is not merely the study of economics, but a broad, non-technical, and transdisciplinary study of the relationship between humans and the biosphere. Using a long view of history, this course incorporates ideas from across the social and natural sciences to enrich and challenge traditional economic concepts. Topics include the co-evolution of political, economic, and energy systems, the origins of money and inequality, the present scale of ecological decline (including, but not limited to climate change), proposed solutions and barriers to their implementation. *Prerequisite(s): 30 credit hours of university-level studies. Cannot be held with ECON-2420 or POLS-2420.*

IDS-2443 Conflict and Development Issues in Indigenous Communities (3.0 credit hours) Within the broad framework of international development and conflict transformation studies, this course explores the dynamics of Indigenous communities globally, with special reference to the Canadian context. Processes of marginalization and underdevelopment will be presented in order to understand Indigenous communities' social, economic and political situation. *Prerequisite(s): IDS-1110 or PCTS-1110. Cannot be held with the cross-listed course PCTS-2443.*

IDS-2950 Topics in International Development Studies (3.0 credit hours) The content of this course will vary from year to year, depending on the needs of students and the interests and availability of instructors. *Prerequisite(s): IDS-1110.*

IDS-3010 Environment, Society, and Resilience (3.0 credit hours) The course will help students analyze principles of sustainability, resilience, and complexity associated with energy, matter, and ecosystem functioning, within the context of social values, human technology, and politics. The course seeks to equip students to assess socio-ecological issues including water management, climate change adaptation, agriculture, fisheries, forestry, and extractive industries from an interdisciplinary perspective. *Cannot be held with the cross-listed courses ENVS-3010 or GEOG-3010.*

IDS-3020 Just and Sustainable Food Systems (3.0 credit hours) This course explores food system dynamics

at multiple scales, from the household to the global, with particular attention to the diversity of worldviews that underpin the current discourses surrounding ecological sustainability, food security, and food justice. The course follows food from the farms and fishing boats, through local and global marketplaces and, finally, to those who eat. Participants will examine models of agriculture, small-scale fisheries, water scarcity, the Asian and African Green Revolutions, corporate concentration in the food system, local and global food markets, community food security, obesity, hunger, food waste, the global food price crisis, energy, and the impacts of climate change. *Prerequisite(s): 30 credit hours of university-level studies. Cannot be held with the cross-listed course GEOG-3020.*

IDS-3111 An Analysis of Development Aid Policy (3.0 credit hours) This course explores ideology, debates, policies, and program of macro development agencies. The course begins with an examination of the ideology of neoliberalism and the policies of structural adjustment and considers how these affect the South. This is followed by an analysis of the principal actors of macro development and an examination of important issues within the donor community, e.g., poverty and gender imbalance, economic growth, and environmental degradation. *Prerequisite(s): 30 credit hours of university-level studies, including IDS-1110, ECON-1000 and ECON-1010.*

IDS-3521 Study of Simple Living (3.0 credit hours) Within International Development Studies, development is increasingly understood as a participatory, deliberate process aimed at enhancing the quality of life for individuals within social and ecological communities. This course examines the concepts, theories, and practices of simple living as an everyday, ordinary practice for individuals seeking alternatives to consumer values and culture. The course explores the roots of simple living and its modern expressions, with special emphasis on the relevance of simple living for building emotional well-being, vibrant communities, resilient ecological systems, and practices that contribute to social justice in a globalizing world. *Prerequisite(s): 30 credit hours of university-level study. Cannot be held with the former IDS-2521 or cross-listed courses ENVS-3521 or SOCI-3521.*

IDS-3950 Topics in International Development Studies (3.0 credit hours) The content of this course will vary from year to year, depending on the needs of students and the interests and availability of instructors. *Prerequisite(s): 30 credit hours of university-level study, including IDS-1110.*

IDS-4000 Thesis International Development Studies (6.0 credit hours) *This course is restricted to students completing the Bachelor of Arts, four-year major in International Development Studies. Eligible students should refer to the Thesis Writing Procedures in the ACADEMIC POLICIES AT SHAFTESBURY CAMPUS section of this calendar.*

IDS-4030 International Microfinance (3.0 credit hours) This course investigates the emerging field of microfinance—the provision of small loans and financial services to the poor—and its impact on addressing poverty in developing countries. Students will develop an understanding of a range of topics in the field, including the role of credit in microenterprises, lending models, sustainability, and best practice for microfinance institutions (MFIs), microsavings and insurance programs, cultural and social factors. The course offers a unique mix of theory and practice as students will have the opportunity to work on projects relating to current issues with microfinance programs in various regions of the world. *Prerequisite(s): 60 credit hours of university-level studies, including BUSI-1000 or IDS-2110. Cannot be held with the cross-listed course BUSI-4030.*

IDS-4040 Economic Development and Microfinance Study Tour (3.0 credit hours) This study tour offers experience-based learning opportunities for students to see first-hand how international development has its impact on individuals and communities in underdeveloped regions around the world. The tour builds on learning from BUSI/IDS-4030 International Microfinance, focussing on aspects of economic development and microfinance—the provision of small loans and financial services to the poor. Activities include visiting partner organizations and NGOs in various countries, meeting microenterprise loan recipients and observing their group meetings, interacting with local community and church leaders to learn about the cultural and social context in each country. *Prerequisite(s): BUSI-4030 or IDS-4030. Cannot be held with the cross-listed course BUSI-4040.*

IDS-4050 Development Theory for Practice (3.0 credit hours) This seminar takes an interdisciplinary approach to the study of theories that have shaped the practice of development. It examines trends in development theory, types of theory that are useful to development practitioners, and the processes through which selected theories were adapted for use by development organizations. This seminar focuses on the use of development-related theory in non-profit organizations and, secondarily, in multilateral organizations. *Prerequisite(s): 60 credit hours of university-level studies, including IDS-1110.*

IDS-4100 Senior Seminar in Social Change (3.0 credit hours) In this capstone seminar, students review and compare inter-disciplinary and discipline-based approaches to social change, including issues in peacebuilding and conflict transformation, social and economic development, environmental sustainability, and democratization and social movements. Using a seminar format, students will examine contending theories of social change, and address questions of power, interpretation, ethics, commitments, and virtues in understanding and working for social change. These

examinations will allow students to explore ways of integrating theories and practices and articulate their own understanding and ethics of social change. *Prerequisite(s): 60 credit hours of university level studies, including 18 credit hours in GEOG, IDS, PCTS, POLS, PSYC, or SOCI. It is recommended that the practicum requirement be completed prior to taking this course. Cannot be held with the cross-listed courses PCTS-4100, POLS-41000, or SOCI-4100.*

IDS-4130 Mennonite Community and Development (3.0 credit hours) Students are challenged to analyze the Mennonite experience in service and peace work. The objective is to highlight values and techniques that distinguish a unique approach. Speakers and literature describing the work of the Mennonite Central Committee and Mennonite Economic Development Agency and of ecumenical groups such as the Canadian Foodgrains Bank provide examples for reflection and analysis. *Prerequisite(s): 30 credit hours of university-level studies, including IDS-1110.*

IDS-4140 Religion and Development (3.0 credit hours) This course will examine the links between religion and development, both philosophically and empirically. It will provide an analysis of particular Christian, Islamic, and Buddhist understandings and approaches to development, as well as several other faith-based approaches, depending on student interests. It will examine the role and ethics of faith-based NGOs in development assistance and investigate how development agents can design interventions that appropriately relate to the religious belief systems that underlie local knowledge in such areas as agriculture, health, and social organization. *Prerequisite(s): 30 credit hours of university-level studies, including IDS-1110.*

IDS-4920 Program Planning in Development and Conflict Resolution (3.0 credit hours) Program planning is a critical first step in most interventions by development and conflict resolution organizations. This course covers blueprint planning required for preparation of funding proposals and various forms of strategic and participatory planning required for the application of results-based management and learning approaches during program implementation. Current debates regarding approaches to planning are also reviewed. Students acquire skills necessary for conceptualizing and implementing international or domestic projects undertaken by non-governmental organizations: needs assessment, goal and purpose identification, formulation of logframe, work plan and budget, and preparation of a funding proposal. *Prerequisite(s): 30 credit hours of university-level studies, including IDS-1110 or PCTS-1110. Cannot be held with the cross-listed course PCTS-4920.*

IDS-4940 Independent Study in International Development Studies (3.0 credit hours) A study in a specific area of IDS under the direction of a faculty

member. *Prerequisite(s): 60 credit hours of university-level studies, including IDS-1110.*

IDS-4950 Topics in International Development

Studies (3.0 credit hours) The content of this course will vary from year to year, depending on the needs of students and the interests and availability of instructors. *Prerequisite(s): 30 credit hours of university-level study, including IDS-1110.*

Languages

LANG-1010 Beginning French I (3.0 credit hours) A study of the fundamental structures of French with oral and written practice. *Corequisite(s): LANG-1010L (lab). A lab fee will be applied. For students with no prior knowledge of French, or who have studied French up to and including Grade 11 or its equivalent. Students with Grade 12 French or its equivalent may not normally take this course for credit.*

LANG-1020 Beginning French II (3.0 credit hours) A continuation of the study of the fundamental structures of French with oral and written practice. *Prerequisite(s): LANG-1010. May be offered with corequisite(s): LANG-1010L (lab). In those cases, a lab fee will be applied.*

LANG-1110 Beginning German I (3.0 credit hours) A study of the fundamental structures of German with oral and written practice. *For students with no prior knowledge of German, or who have studied German up to and including Grade 11 or its equivalent. Students with Grade 12 German or its equivalent may not normally take this course for credit.*

LANG-1120 Beginning German II (3.0 credit hours) A continuation of the study of the fundamental structures of German with oral and written practice. *Prerequisite(s): LANG-1110.*

LANG-1210 Beginning Spanish I (3.0 credit hours) A study of the fundamental structures of Spanish with oral and written practice. *For students with no prior knowledge of Spanish, or who have studied Spanish up to and including Grade 11 or its equivalent. Students with Grade 12 Spanish or its equivalent may not normally take this course for credit. Cannot be held with LANG-1211.*

LANG-1211 Beginning Spanish I (3.0 credit hours) A study of the fundamental structures of Spanish with oral and written practice. *This course is available only through CMU's study abroad programs, Guatemala sites only. For students with no prior knowledge of Spanish, or who have studied Spanish up to and including Grade 11 or its equivalent. Students with Grade 12 Spanish or its equivalent may not normally take this course for credit. Cannot be held with LANG-1210.*

LANG-1220 Beginning Spanish II (3.0 credit hours) A continuation of the study of the fundamental structures of Spanish with oral and written practice. *Prerequisite(s): LANG-1210. Cannot be held with LANG-1221.*

LANG-1221 Beginning Spanish II (3.0 credit hours) A continuation of the study of the fundamental structures of Spanish with oral and written practice. *This course is available only through CMU's study abroad programs, Guatemala sites only. Prerequisite(s): LANG-1211. Cannot be held with LANG-1220.*

LANG-2010 Intermediate French I (3.0 credit hours) Language study and practice in the classroom and language laboratory, and readings in French and French-Canadian culture. *Prerequisite(s): Grade 12 French or LANG-1020. Not suitable for students who have completed a Grade 12 French Immersion program.*

LANG-2020 Intermediate French II (3.0 credit hours) A continuation of language study and practice in the classroom and language laboratory, and readings in French and French-Canadian culture. *Prerequisite(s): LANG-2010.*

LANG-2110 Intermediate German I (3.0 credit hours) Language study and practice in the classroom and language laboratory, and readings in German culture. *Prerequisite(s): Grade 12 German or LANG-1120.*

LANG-2120 Intermediate German II (3.0 credit hours) A continuation of language study and practice in the classroom and language laboratory, and readings in German culture. *Prerequisite(s): LANG-2110.*

LANG-2210 Intermediate Spanish I (3.0 credit hours) Language study and practice in the classroom and language laboratory, and readings in Spanish culture. *Prerequisite(s): Grade 12 Spanish, LANG-1220 or LANG-1221.*

LANG-2211 Intermediate Spanish I (3.0 credit hours) Language study and practice in the classroom and language laboratory, and readings in Spanish culture. *This course is available only through CMU's study abroad programs, Guatemala sites only. Prerequisite(s): Grade 12 Spanish, LANG-1220, or LANG-1221. Cannot be held with LANG-2210.*

LANG-2220 Intermediate Spanish II (3.0 credit hours) A continuation of language study and practice in the classroom and language laboratory, and readings in Spanish culture. *Prerequisite(s): LANG-2210.*

LANG-2221 Intermediate Spanish II (3.0 credit hours) A continuation of language study and practice in the classroom and language laboratory, and readings in Spanish culture. *This course is available only through CMU's*

study abroad programs, Guatemala sites only.
Prerequisite(s): LANG-2210. Cannot be held with LANG-2220.

LANG-2310 Elementary Biblical Hebrew I (3.0 credit hours) This course will introduce students to the fundamentals of biblical Hebrew grammar and vocabulary. Selected prose texts in the Hebrew Bible will be read and translated.

LANG-2320 Elementary Biblical Hebrew II (3.0 credit hours) A continuation of the fundamentals of biblical Hebrew grammar and vocabulary. Selected prose texts in the Hebrew Bible will be read and translated.
Prerequisite(s): LANG-2310.

LANG-2410 Elementary Biblical Greek I (3.0 credit hours) This course will introduce students to the fundamentals of Koine Greek grammar and vocabulary. Selected prose texts in the New Testament will be read and translated. *Cannot be held with the cross-listed course BTS-2410.*

LANG-2420 Elementary Biblical Greek II (3.0 credit hours) A continuation of the fundamentals of Koine Greek grammar and vocabulary. Selected prose texts in the New Testament will be read and translated. *Prerequisite(s): BTS-2410 or LANG-2410. Cannot be held with the cross-listed course BTS-2421.*

Mathematics

Mathematics is the language of our technological world. It lies at the heart of scientific research, engineering, and computer science. A math degree can prepare students for a career in science, industry, business, or teaching. But the study of mathematics will also assist students in developing skills beneficial for inquiry in any other disciplinary area, e.g., theology, philosophy, music, or psychology. Students learn to be precise and organized, to solve problems creatively, and to reason analytically. At CMU, a Christian worldview provides perspective on mathematical studies. We consider limitations and ethical applications of mathematics, how math can inspire awe of the Creator, and how it has informed self-understanding and theology.

Students may choose courses in Mathematics to fulfill requirements for sciences or general electives in any degree program. Students who wish to concentrate in this subject field may choose a major or a minor, either in the four-year or the three-year Bachelor of Arts. For details regarding the requirements of these programs, see the **ACADEMIC PROGRAMS** section of this calendar.

MATH-0900 Pre-Calculus Mathematics (0 credit hours). This course covers the mathematical skills required to study calculus. Topics include linear, quadratic, polynomial, and rational functions; power and root

functions; trigonometry; exponential and logarithmic functions. *This non-credit course is for students who need to upgrade their high school mathematical skills.*

MATH-1000 Basic Statistical Analysis (3.0 credit hours) An introduction to the basic principles of statistics and procedures used for data analysis. Topics to be covered include gathering data, displaying and summarizing data, examining relationships between variables, sampling distributions, estimation and significance tests, inference for means, and applications for specific disciplines.
Corequisite(s): MATH-1000L (lab). A lab fee will be applied. Cannot be held with PSYC-2040. CPA-approved preparatory course.

MATH-1020 Introduction to Calculus (3.0 credit hours) Theory and techniques of limits, derivatives, antiderivatives, and differential equations, with applications to optimization, rates of change, area, volume, physics, and biology. *Prerequisite(s): a minimum grade of 60 per cent in Pre-calculus Mathematics 40S or MATH-0900. Corequisite(s): MATH-1020L (lab). A lab fee will be applied.*

MATH-1030 Calculus II (3.0 credit hours) Theory and techniques of integration, sequences, series, Taylor series, parametric and polar curves, with applications to area, volume, arc length, surface area, physics, and biology. *Prerequisite(s): A minimum grade of C in MATH-1020. Corequisite(s): MATH-1030L (lab). A lab fee will be applied.*

MATH-1040 Elements of Discrete Mathematics (3.0 credit hours) An introduction to elements of discrete mathematics. Topics include formal logic, proof techniques, basic set theory, relations and functions, sequences, algorithms, modular arithmetic, number theory, mathematical induction, basic counting, graphs, and trees. *Prerequisite(s): a minimum grade of 60 per cent in Grade 12 Mathematics or MATH-0900. Corequisite(s): MATH-1040L (lab). A lab fee will be applied. This is a terminal course and is not designed for students who want to pursue courses at the 2000-level or higher in Mathematics, Computer Science, Engineering, or Sciences. Cannot be held with MATH-2000.*

MATH-1050 The Art of Mathematical Thinking (3.0 credit hours) Maths are creative, powerful, and yes—even artistic! Learn to think more effectively as you encounter the beauty of mathematical ideas such as the Fibonacci sequence (numbers), Hilbert’s hotel (infinity), the fourth dimension (geometry), Celtic knots (topology), the Mandelbrot set (fractals), the Monty Hall problem (probability), and resource allocation (decision theory). A mathematics background is not assumed. *No prerequisite other than university admission requirements. Cannot be used within a Mathematics major or minor.*

MATH-2000 Discrete Mathematics (3.0 credit hours) An introduction to the mathematics of discrete objects. Topics include formal logic, proof techniques, basic set theory, Boolean algebras, relations and functions, sequences, algorithms, modular arithmetic, number theory, mathematical induction, basic counting, partial orders, graphs and trees. *Prerequisite(s): a minimum grade of 60 per cent in Pre-calculus Mathematics 40S or MATH-0900. Corequisite(s): MATH-2000L (lab). A lab fee will be applied. This course is designed for students who want to pursue courses at the 2000-level or higher in Mathematics, Computer Science, Engineering, or Sciences. Cannot be held with MATH-1040.*

MATH-2005 Vector Geometry and Linear Algebra (3.0 credit hours) An introduction to vectors, matrices, systems of linear equations, and three-dimensional geometry. *Prerequisite(s): a minimum grade of 60 per cent in Grade 12 Mathematics or MATH-0900. Cannot be held with the former MATH-1010.*

MATH-2010 Linear Algebra 2 (3.0 credit hours) A continuation of MATH-2005. Finite dimensional vector spaces; linear transformation and matrices; eigenvalues and eigenvectors; diagonalization and applications; inner product spaces. *Prerequisite(s): a minimum grade of C in both MATH-1020 and MATH-2005.*

MATH-2011 Electromagnetic Field Theory (3.0 credit hours) An introduction to the theory of electromagnetism. Topics to be covered include the electric field, electric potential, Gauss' law, capacitors, dielectric materials, magnetic fields, Ampere's law, magnetic induction, magnetic materials, displacement current, and Maxwell's equations. *Prerequisite(s): a minimum grade of C in both MATH-1030 and PHYS-1010. Cannot be held with the cross-listed course PHYS-2010.*

MATH-2020 Intermediate Calculus: Multivariable (3.0 credit hours) Calculus of several variables. *Prerequisite(s): a minimum grade of C in both MATH-1030 and MATH-2005.*

MATH-2030 Intermediate Calculus: Sequences and Series (3.0 credit hours) Introductory analysis, sequences, and series. *Prerequisite(s): a minimum grade of C in MATH-1030.*

MATH-2040 Ordinary Differential Equations 1 (3.0 credit hours) An introduction to the theory of ordinary differential equations, and practical techniques of solution, principally relating to first order and linear higher order equations; linear systems. Applications to problems in science and other selected areas. *Prerequisite(s): a minimum grade of C in MATH-1030. Recommended corequisite(s): COMP-1030.*

MATH-2100: Quantum Physics I (3.0 credit hours) This course introduces the basic features of quantum

mechanics, which is the foundation of modern technologies such as lasers, transistors, and solar cells. It begins with the problem of cavity radiation and normal modes, introduces Planck's quantization postulate, and leads to the Schrodinger theory of quantum mechanics, with emphasis placed on the solutions to the Schrodinger wave equation in one dimension. *Prerequisite(s): a minimum grade of C in both MATH-1030 and PHYS-1020. Cannot be held with the cross-listed course PHYS-2100.*

MATH-2950 Topics in Mathematics (3.0 credit hours) The content of this course will vary from year to year, depending on the needs of students and the interests and availability of instructors. *Prerequisite(s): To be determined, depending on the topic.*

MATH-3000 Philosophy of Mathematics (3.0 credit hours) The philosophy of mathematics includes matters of metaphysics, semantics, and epistemology. This course will provide an overview of the philosophy of mathematics, including (1) the views of some historical philosophers of mathematics, from Plato and Aristotle to Immanuel Kant and John Stuart Mill, (2) the three major positions of the twentieth century, namely, logicism, intuitionism, and formalism, and (3) some contemporary accounts of mathematics, such as ontological realism, anti-realism, and structuralism. *Prerequisite(s): 30 credit hours of university-level studies, including a minimum grade of C in MATH-1040. Cannot be held with the cross-listed course PHIL-3000.*

MATH-3040 Ordinary Differential Equations 2 (3.0 credit hours) Laplace transforms, series solutions of ODEs, systems of linear ODEs, applications, introduction to dynamical systems. *Prerequisite(s): 30 credit hours of university-level studies, including a minimum grade of C in MATH-2040. Corequisite(s): MATH-2030.*

MATH-3041 Quantitative Methods in Business and Organizational Administration (3.0 credit hours) This course covers multiple regression analysis, forecasting, time series and linear programming as they are applied to organizational decision making. The course also discusses the application of these topics to management science techniques and models. *Prerequisite(s): MATH-1000. Cannot be held with the cross-listed course BUSI-3040. CPA-approved preparatory course.*

MATH-3050 Dynamical Systems and Chaos (3.0 credit hours) Introduction to nonlinear difference and differential equations and their features, including stability, periodicity, attractors, bifurcation, fractals, and chaos. Project-based learning and computational analysis will be emphasized throughout, with applications drawn primarily from mathematical biology, including population, harvesting, predator-prey, competition, host-parasite, disease, and epidemic models. *Prerequisite(s): 30 credit hours of university-level studies, including MATH-*

1030. *Corequisite(s):* COMP-1030. *Cannot be held with BIOL-3600.*

MATH-3060 Introductory Logic (3.0 credit hours) An introduction to the semantics of philosophical logic, which is the mathematics of propositions. The course covers classical logical theory, the foundation for mathematical proof, and also some rival logics. These include incomplete logic, in which some statements are neither true nor false; inconsistent logic, in which some statements are both true and false; and free logic, in which statements can be made about objects that do not exist. *Prerequisite(s):* MATH-1040 or MATH-2000. *Prerequisite(s) may be taken concurrently with the course. Cannot be held with the cross-listed course PHIL-3060.*

MATH-3800 Mathematical Models of Biophysics (3.0 credit hours) Introduction to mathematical modeling and physics-based approaches used to represent biological systems. Biophysical topics include thermodynamics, random walks and Brownian motion, electrostatics and the structure of biomolecules, nerve impulses, the quantum mechanical nature of vision, continuum mechanics, and transport phenomena. *Prerequisite(s):* MATH-1030 and PHYS-1020. *Cannot be held with the cross-listed courses BIOL-3800 or PHYS-3800.*

MATH-3950 Topics in Mathematics (3.0 credit hours) The content of this course will vary from year to year, depending on the needs of students and the interests and availability of instructors. *Prerequisite(s):* 30 credit hours of university-level study, including additional *prerequisite(s)* to be determined, depending on the topic.

MATH-4000 Thesis in Mathematics (6.0 credit hours) *This course is restricted to students completing the Bachelor of Arts, four-year major in Mathematics. Eligible students should refer to the Thesis Writing Procedures in the ACADEMIC POLICIES AT SHAFTESBURY CAMPUS section of this calendar.*

MATH-4940 Independent Study in Mathematics (3.0 credit hours) A study in a specific area of Mathematics under the direction of a faculty member. *Prerequisite(s):* 60 credit hours of university-level studies, including MATH-2005 or the former MATH-1010, MATH-1020, and an additional 9 credit hours in Mathematics.

MATH-4950 Topics in Mathematics (3.0 credit hours) The content of this course will vary from year to year, depending on the needs of students and the interests and availability of instructors. *Prerequisite(s):* 30 credit hours of university-level study, including additional *prerequisite(s)* to be determined, depending on the topic.

Music

Music studies consist of the discipline and art of music-making along with exploration of how music serves human needs for constructive imagination, beauty, worship, and reconciliation. In addition to individual applied music studies and academic music courses, CMU music studies include participation in a wide variety of ensembles including choirs, guitar ensemble, vocal jazz, jazz band, worship band, opera workshop, and small chamber groups. Bachelor of Music degrees prepare students for careers and further studies in music education, performance, musicology, music administration, and music ministry.

Students may choose courses in music to fulfill requirements for general electives in any degree program. Music courses, other than applied or ensemble courses, may also be used toward subject area requirements. Students who wish to concentrate on Music may choose from the following program options:

- Bachelor of Music (Four-Year)
- Bachelor of Music Therapy (Four-Year)
- Bachelor of Arts (Major in Music, Four-Year)
- Bachelor of Arts (Major in Music, Three-Year)

For details regarding the requirements of these programs, see the ACADEMIC PROGRAMS section of this calendar.

Notes:

1. *Since many of the following courses assume a basic knowledge of music, the prerequisite is often expressed as 'successful theory placement test'. Students may demonstrate that they meet the prerequisite by passing the theory placement test during their application process or during the registration period. Students who have not gained the necessary proficiency may enrol for group or individual instruction in rudimentary music theory through CMU's Community School of Music and the Arts.*
2. *All new students planning to register in Individual Applied Music Studies, whether as a minor or a major, must complete an auditioning process. Auditions occur during the spring preceding entry to studies at CMU as well as during the registration period and will require students to perform a minimum of two pieces or movements in contrasting style.*
3. *The following courses qualify as Church Music courses.*
 - MUSC-2300/BTS-2301 Music Ministry and Resources
 - MUSC-2310/BTS-2311 Hymnology: The History of Congregational Song
 - MUSC-2320 Liturgy and Artistic Expression
 - MUSC-2330/BTS-2331 Leading Music and Worship
 - MUSC/BTS-3310 Church Renewal and Music in the Twentieth Century

Students in the Bachelor of Music, the Bachelor of Music Therapy, and the Bachelor of Arts (Music Major) must complete two of these courses.

4. Music ensembles include the following: MUSC-X700, X701, X702, X711, X720, X730, X740, X750, X753, X755, X760, X770, X131, X132, and X160.
5. Applied music courses include the following: MUSC-14XY-16XY to 44XY-46XY Individual Applied Music Studies, MUSC-2840, 2850, 2860, 3070, 3170, 3860, 3890, 4170, and 4180.

MUSC-1000 Music Theory I (3.0 credit hours) An introduction to musical discourse based on acoustic principles and common practice technique. The study will include an exploration of line, texture, and form through writing and analysis. *Prerequisite(s): Successful theory placement test.*

MUSC-1010 Music Theory II (3.0 credit hours) A continuation of Music Theory I, with an emphasis on chorale-style harmonization based on the contrapuntal relationships of melodic voices. Small instrumental forms also will be studied. *Prerequisite(s): MUSC-1000.*

MUSC-1120 Aural Skills I (1.5 credit hours) A practical study designed to help students develop aural skills through sight-singing, melodic dictation, and aural analysis. Students will examine the “building blocks” of melody and harmony—intervals, scales, and chords—and learn to recognize them aurally. Guided practice of ear training techniques and the use of solfège syllables will improve students’ musical perception as they become more fluent in translating notation into sound as well as the reverse, sound into notation. *Prerequisite(s): MUSC-1310. Cannot be held with the former MUSC-1100 or MUSC-1110.*

MUSC-1220 The Art of Music (3.0 credit hours) This course is an introduction to thinking, writing, and doing music as it examines the larger questions of music: What is music? What is the value of music? Do humans need music? Why do humans engage in this activity? To what does music give expression? The course will also explore topics such as music and society, music and gender, the musical canon, and the philosophy/theology of art and music in different eras and cultures. *Reading musical notation not required.*

MUSC-1300 Ways of Musicking I (3.0 credit hours) A practical exploration of how to make music, including a variety of perspectives and cultures. Students will participate in creating their own musical ideas through improvisation, collaboration, and making music together in small groups, with a variety of instruments.

MUSC-1310 Ways of Musicking II (3.0 credit hours) A practical exploration of learning music through notation on a variety of instruments. Participating in group experience to enhance rhythm, site reading and

collaborative music making. Introduction to playing guitar and applying theoretical knowledge will be a weekly component to this course. All students must have their own guitar for the class. *Prerequisite(s): MUSC-1300.*

MUSC-1499 Music Preparatory Skills (2.0 credit hours) This course is designed to help students upgrade keyboard and aural skills through weekly private instruction (1-hour lessons). This course cannot serve as a music elective within music degrees. *The tuition fee for this course is the same as for an individual applied music study of 2 credit hours.*

MUSC-14XY to 16XY, 24XY to 26 XY, 34XY to 36XY, and 44XY to 46XY Individual Applied Music Studies: These courses consist of twenty-four weekly lessons, 12 in each semester. IAMS courses are open to all students who are enrolled for at least one other 3 credit-hour course each semester. Students may enrol for a one-semester IAMS course beginning in January. Students may enrol for a one-semester IAMS course in September only if they will not be studying at CMU during second semester. IAMS courses are not available for auditing; they are available as minors or as majors as follows:

Minor, 2 credit hours: The student receives weekly ½-hour private instruction in a chosen applied area over the course of an academic year. *Prerequisite(s): A placement audition.*

Major, 3 credit hours: The student receives weekly ¾-hour private instruction in a chosen applied area over the course of an academic year. *Prerequisite(s): A successful audition.*

Major, 5 credit hours: The student receives weekly one-hour private instruction in a chosen applied area over the course of an academic year. *Prerequisite(s): A successful audition.*

Course numbers: The numbers presented above have two variables, X and Y. The variable Y indicates the credit hour value of the course, namely, 2, 3, or 5 credit hours. The variable X, taken together with the digit before, indicates the instrument, for examples, “40” indicates piano, and “41” indicates voice. Hence:

MUSC-1402 is an individual applied study in piano, 2 credit hours in value

MUSC-1403 is an individual applied study in piano, 3 credit hours in value

MUSC-1405 is an individual applied study in piano, 5 credit hours in value

MUSC-1412 is an individual applied study in voice, 2 credit hours in value

MUSC-1413 is an individual applied study in voice, 3 credit hours in value

MUSC-1415 is an individual applied study in voice, 5 credit hours in value

Each instrument will be assigned a distinct number. So far, the following are assigned:

140Y = piano, 141Y = voice, 144Y = bass guitar, 145Y = percussion, 146Y = guitar, 147Y = organ, 148Y = conducting, 150Y = violin, 151Y = viola, 152Y = cello, 153Y = double bass, 155Y = composing, 156Y = flute, 157Y = saxophone, 158Y = clarinet, 164Y = trumpet, 165Y = French horn, 166Y = tuba, 167Y = trombone, 168Y = harp, 169Y = oboe

MUSC-1700, 2700, 3700, 4700 CMU Singers (3.0 credit hours) CMU Singers is a large, mixed ensemble open to all students from CMU programs. There will be a voice placement interview at the beginning of September. The CMU Singers will take part in on-campus events, concerts, and worship services in addition to off-campus events with church and the larger community. When appropriate, the CMU Singers will form the core of CMU Festival Chorus, a symphonic chorus of alumni and community members that performs regularly with the Winnipeg Symphony Orchestra. *Admission by audition.*

MUSC-1701, 2701, 3701, 4701 CMU Voices TB (1.0 credit hour) An auditioned ensemble available to students who are not in CMU Singers or CMU Chamber Choir, but members of those ensembles are automatically part of this ensemble. This choir has deputation and concert responsibilities. This ensemble is open to all students enrolled for at least one 3-credit hour course each semester.

MUSC-1702, 2702, 3702, 4702 CMU Voices SA (1.0 credit hour) An auditioned ensemble available to students who are not in CMU Singers or CMU Chamber Choir, but members of those ensembles are automatically part of this ensemble. This choir has deputation and concert responsibilities. This ensemble is open to all students enrolled for at least one 3-credit hour course each semester.

MUSC-1711, 2711, 3711, 4711 CMU Chamber Choir (3.0 credit hours) The CMU Chamber Choir provides a challenging choral experience for students with upper voices who are advanced in their vocal studies and/or their choral experience. Repertoire for this ensemble will be chosen from a variety of genres and styles, providing opportunity for advanced students to strengthen and increase their musicianship skills. Students take part in rehearsals twice a week and become part of the larger ensemble, CMU Singers. *Admission by audition.*

MUSC-1720, 2720, 3720, 4720 Jazz Band (1.0 credit hour) An auditioned ensemble. Performance opportunities will include both on-campus and off-campus events. This ensemble is open to all students enrolled for at least one 3-credit hour course each semester.

MUSC-1730, 2730, 3730, 4730 Mennonite Community Orchestra (1.0 credit hour) Consists of CMU students and members of the community, performing the standard orchestral repertoire. It presents one concert each semester. This ensemble is open to all students enrolled for at least one 3-credit hour course each semester.

MUSC-1740, 2740, 3740, 4740 Guitar Ensemble (1.0 credit hour) An auditioned group that plays traditional and contemporary repertoire, both original guitar ensemble music, as well as arranged or transcribed repertoire. Performance opportunities will include both on-campus and off-campus events. This ensemble is open to all students enrolled for at least one 3-credit hour course each semester.

MUSC-1750, 2750, 3750, 4750 Steel Drums Ensemble (1.0 credit hour) Performance opportunities will include both on-campus and off-campus events. This ensemble is open to all students enrolled for at least one 3-credit hour course each semester.

MUSC-1753, 2753, 3753, 4753 Concert Band (1.0 credit hour) A large instrumental ensemble open to all CMU students regardless of major. Performance opportunities will include both on-campus and off-campus events. This ensemble is open to all students enrolled for at least one 3-credit hour course each semester.

MUSC-1755, 2755, 3755, 4755 Handbell Ensemble (1.0 credit hour) This course is open to students of all musical abilities. It will focus on proper ringing techniques, music literacy, rhythmic skills, collaboration, and performance. The ensemble will have several performance opportunities throughout the year. *No audition required.*

MUSC-1760, 2760, 3760, 4760 Vocal Jazz Ensemble (1.0 credit hour) An auditioned *a cappella* SATB vocal ensemble that explores both secular and sacred repertoire in the jazz idiom. Affords the opportunity to study jazz vocal techniques while working within the context of a small ensemble. Deputation and performance responsibilities will include church services, university events, chapel services. This ensemble is open to all students enrolled for at least one 3-credit hour course each semester.

MUSC-1770, 2770, 3770, 4770 Flute Ensemble (1.0 credit hour) The CMU Flute Ensemble is an auditioned ensemble, meeting weekly with regular coaching. The Flute Ensemble will have opportunity to play both at CMU functions, as well as off-campus events/ services. Auditions take place in September or speak to the director before the end of classes. This ensemble is open to all students enrolled for at least one 3-credit hour course each semester.

MUSC-1790 Sound Technology Workshop (1.0 credit hour) An introduction to live sound technology as applied to both speaking and music contexts. The workshop includes in-class training sessions along with significant practical experience in any forum in which a CMU sound technician is required, including music ensembles, chapels, and CMU events. *Students who successfully complete this course will qualify to apply for opportunities as CMU sound technicians. Cannot be held with the cross-listed course COMM-1790.*

MUSC-2000 Music Theory III (3.0 credit hours) A continuation of the study of common practice structures and expressions, concentrating on extended forms and chromaticism through both writing and analysis. *Prerequisite(s): MUSC-1010.*

MUSC-2010 Music Theory IV (3.0 credit hours) An examination of extended tonal and post-tonal repertoire in relation to common practice discourse. Works studied will include those based on expanded tonal techniques, motivic gestures, 12-tone theory, and those of rhythmic or textural rather than pitch-centred motivation. This course also includes a unit on structuring within fugues. *Prerequisite(s): MUSC-2000.*

MUSC-2100 Music Skills III (1.5 credit hours) A continuation of the development of aural and keyboard skills within extended tonal and post-tonal structures. *Prerequisite(s): MUSC-1110.*

MUSC-2110 Music Skills IV (1.5 credit hours) A continuation of Music Skills III. *Prerequisite(s): MUSC-2100.*

MUSC-2120 Aural Skills II (1.5 credit hours) A continuation of Aural Skills I. In this practical study students will continue to develop aural skills through sight-singing, melodic dictation, and aural analysis. Students will continue examining the “building blocks” of melody and harmony by learning to recognize increasingly complex intervals, scales, and chords. Guided practice of ear training techniques and the use of solfège syllables will improve students’ musical perception as they tackle more complex melodies in both sight-reading and melodic dictation contexts. *Prerequisite(s): MUSC-1120. Cannot be held with the former MUSC-2100 or MUSC-2110.*

MUSC-2121 Keyboard Skills II (1.5 credit hours) This course is a continuation and deepening of knowledge from Keyboard Skills I. The course will continue to develop basic keyboard technique and reading skills, harmonization of both folk, popular and jazz melodies, transposition at the keyboard, reading chord charts, reading in multiple clefs, open score reading (choral and string quartet), basic jazz harmony, and the ability to lead in community singing in the church, classroom, and therapy context. *Prerequisite(s): MUSC-1121.*

MUSC-2131, 3131, Collaborative Piano (1.0 credit hour) A practical study in the art of accompanying and collaborating in a variety of small ensembles. This course will include master classes and lectures. May be used to fulfill ensemble credit. *Admission by permission of the instructor.*

MUSC-2132, 3132, Collaborative Piano (2.0 credit hours) A practical study in the art of accompanying and collaborating in a variety of small ensembles. This course will include master classes and lectures. May be used to fulfill ensemble credit. *Admission by permission of the instructor.*

MUSC-2145 Lyric Diction (3.0 credit hours) A study of the basic phonetics and accepted principles of lyric diction of languages most commonly used in choral, operatic, and song repertoire: Latin, French, German, Italian, and English. *Pre/corequisite: MUSC-141X (voice). Cannot be held with the former MUSC-1140.*

MUSC-2150 Conducting Techniques I (3.0 credit hours) A practical exploration and study in the grammar and techniques of conducting, with a focus on leading choirs and other music in school, church, and community settings. Emphasis will be on learning basic conducting gestures, vocal techniques, and in the development of music leadership skills. *Reading musical notation required.*

MUSC-2160, 3160, 4160 Opera/Musical Theatre Workshop (2.0 credit hours) Study and performance of selections from operatic and/or musical theatre literature. May be used to fulfill Ensemble credit. *Admission by audition.*

MUSC-2163, 3163, 4163 Opera/Musical Theatre Workshop (3.0 credit hours) Study and performance of selections from operatic or musical theatre literature. Participants in this 3-credit option will be assigned duties as they pertain to a semi-annual full-length production including assistant directing, producing, and costume/prop coordination. May be used to fulfill Ensemble credit. *Admission by audition.*

MUSC-2220 Music History I (3.0 credit hours) A chronological survey of the history of music in Western Civilization from antiquity through the Baroque era, tracing the evolution of musical idioms and styles. *Prerequisite(s): MUSC-1220. Cannot be held with the former MUSC-1200.*

MUSC-2230 Music History II (3.0 credit hours) The continuation of the survey of music in Western Civilization, from the mid-eighteenth century to the present. *Prerequisite(s): MUSC-1220. Cannot be held with the former MUSC-1210.*

MUSC-2250 History of Jazz (3.0 credit hours) A chronological survey of jazz from its origins to the present. The course will trace the development of important styles and feature the works of influential performers. Topics for study will include the beginnings and evolution of the blues, ragtime, the swing era, avant garde and free jazz, contemporary trends, related developments, and Canadian contributions.

MUSC-2260 Worlds of Music (3.0 credit hours) A survey of music and musical cultures whose traditions are traced to the East and the South. Critical questions involving constructions of cultural hybridity, identity formation of and through music, and outsider participation will be considered. *Prerequisite(s): 30 credit hours of university studies.*

MUSC-2270 History of Rock Music: Investigating Rock's 'Storied' Past, 1960-1995 (3.0 credit hours) This course explores the lives of artists and changing musical trends in rock music history, beginning with the origins of rock music in genres including blues, Country & Western, and gospel, and continuing through several differing streams of music that fall under the umbrella of "rock" at the end of the twentieth century. In addition to practicing close listening, students will focus on primary sources as a means to critically examining the social and political process of history-making. *Reading musical notation not required. Cannot be held with the cross-listed course HIST-2270.*

MUSC-2280 History of Gospel Music (3.0 credit hours) This critical cultural history of gospel music from the United States and around the world engages the Black experience as a central part of this music's history. Using primary and secondary materials, this class investigates the historical, religious, political, cultural, and social context of the musical worlds in which these artists and audiences lived. Students will engage in close listening practices to musical examples from across the globe. *Reading musical notation not required. Cannot be held with the cross-listed course HIST-2280.*

MUSC-2290 Western Art Music (3.0 credit hours) A survey of the history of Western art music, that is, the music popularly called "classical music," originating in Europe but now played and composed globally. The course begins with musical antiquity, moves through medieval music, Renaissance and Baroque music, Classical and Romantic music, twentieth-century and avant-garde music, and concludes with contemporary art music. Students will learn critical listening skills and approaches to understanding music in historical and cultural context. *Cannot be held with the former MUSC-1200, MUSC-1210, MUSC-2220, or MUSC-2230.*

MUSC-2300 Music Ministry and Resources (3.0 credit hours) An introduction to music ministry in the church. Attention will be focused on the function of music in the

context of Christian worship. In addition to exploring a variety of worship music styles and resources, attention will also be given to the development of leadership skills for music ministry. *Reading musical notation not required. Cannot be held with the cross-listed course BTS-2301.*

MUSC-2310 Hymnology: The History of Congregational Song (3.0 credit hours) A study of the historical development and practice of the various streams of Christian congregational song up to the early twentieth century. Primary attention will be given to the creation of worship music (the sources of texts and tunes), its practice (leadership styles, modes of presentation), and its function in liturgy, proclamation, and education. *Reading musical notation not required. Cannot be held with the cross-listed course BTS-2311.*

MUSC-2320 Liturgy and Artistic Expression (3.0 credit hours) A study of the origins and developments of liturgies and their influence on music, architecture, painting, sculpture, etc., throughout the history of the Christian church, including the influences of these developments on non-liturgical traditions.

MUSC-2330 Leading Music and Worship (3.0 credit hours) A study of preparing and leading worship, with a primary focus on enabling the congregational voice. Attention will be given to understanding the theological and musical bases for song selection within a variety of worship traditions, as well as the development of practical leadership skills, both spoken and sung. *Reading musical notation not required. Cannot be held with the cross-listed course BTS-2331.*

MUSC-2840 Percussion Techniques A (1.5 credit hours) This course serves as an introduction to the instruments in the percussion family. It will focus on hand drums and other small percussion instruments found in most school band/orchestral programs and useful in music therapy settings. In addition, students will explore basic drum set coordination and basic world percussion rhythms. *Prerequisite(s): Successful theory placement test. Cannot be held with the former MUSC-3840 or MUSC-3850.*

MUSC-2850 Percussion Techniques B (1.5 credit hours) This course extends the focus of MUSC-2840 to include learning percussion techniques common to notated and improvised musical styles. An ensemble component forms part of this course. *Prerequisite(s): Successful theory placement test. Cannot be held with the former MUSC-3840 or MUSC-3850.*

MUSC-2860 Class Guitar (1.5 credit hours) This class will help students develop a basic mastery on guitar and learn to play chord progressions in a variety of keys and in a variety of styles, utilizing strumming and finger picking techniques.

MUSC-2900 Music and Film (3.0 credit hours) This course offers an introduction to music and film for movie fans as well as those interested in visual media and music production. Within multimedia texts, sounds and visuals co-produce meaning, with music shaping how we see and images influencing how we listen. This course aims to illuminate these meaning-making processes, situating them in dynamic social and cultural contexts. Over the semester this course will explore historic and contemporary films from around the globe, along with different forms of media technologies such as the microphone, radio, and DVD. *Reading musical notation not required. Cannot be held with the cross-listed course COMM-2900.*

MUSC-2950 Topics in Music (3.0 credit hours) The content of this course will vary from year to year, depending on the needs of students and the interests and availability of instructors.

MUSC-3010 Music Production (3.0 credit hours) This course is an entry point for developing a skill set to serve the creative process of composition. These skills include planning and pre-production, composing, recording, editing, and mixing original musical compositions. Topics covered include: recording and editing audio; acoustics; using effects (reverb, EQ, compression etc.); scoring for film, live theatre and video games; mixing and finalizing music tracks; the business of Music Production. *Prerequisite(s): MUSC-1010. Cannot be held with the cross-listed course COMM-3011.*

MUSC-3050 Composing and Arranging Seminar (3.0 credit hours) An exploration of the discipline and craft of composing and arranging for both choral and instrumental ensembles. Through the study of literature and scoring techniques, topics such as text-setting, choral and orchestral techniques, electronic music, and charting for popular music will be explored. The course includes both score preparation and opportunities for recital performances of original works. *Prerequisite(s): MUSC-2010.*

MUSC-3055 Piano Pedagogy, Repertoire, and Interpretation (3.0 credit hours) A critical study of the repertoire and resources through which the piano commonly is taught, the concepts through which musicianship and technique are understood, and the purposes and institutions with which the piano is associated. A practical component will include teaching students with various levels of experience and in distinct musical styles. *Prerequisite(s): MUSC-240X (piano). Cannot be held with the former MUSC-4050.*

MUSC-3060 Vocal Pedagogy, Repertoire, and Interpretation (3.0 credit hours) A study of the foundations of solo vocal techniques, beginning teaching principles, and repertoire. The course will also explore the

solo vocal literature from Renaissance to the present, providing opportunity to sing the examples of exercises and literature. *Prerequisite(s): MUSC-241X (voice). Cannot be held with the former MUSC-4060.*

MUSC-3070 Private Studio Teaching Techniques (3.0 credit hours) A study of foundations of private teachings and techniques commonly used in private studios, repertoire and additional resource materials needed to start your own studio. A practical component will include teaching students with various levels of experience and styles, including supporting neurodivergent learners. *Prerequisite(s): 30 credit hours of university-level studies. Cannot be held with MUSC-3055, MUSC-3060, or MUSC-3080.*

MUSC-3080 Directed Study in Pedagogy and Repertoire (3.0 credit hours) A directed study in the pedagogy and repertoire of the student's major instrument (instruments other than piano). *Cannot be held with the former MUSC-4080.*

MUSC-3090 Songwriting: Words and Music Together (3.0 credit hours) Songs are an ancient mode of expression and historically a powerful force expressing and motivating public opinion, persisting today as one of the most popular art forms. This course for non-majors as well as majors examines songs in a variety of genres and languages, by composers from many cultures and of diverse identities. We will analyze how these songs work, learn simple forms and harmonic progressions, and finally write songs and learn basic studio recording techniques. *Prerequisite(s): 30 credit hours of university-level study and permission of the instructor. Reading musical notation not required. Cannot be held with the cross-listed course ENGL-3091.*

MUSC-3100 Early Musical Development (3.0 credit hours) An examination of methodologies for the development of musicianship in children in light of contemporary theories of music education, including those of Kodaly, Orff, Suzuki, Dalcroze, and Gordon. Students will evaluate conventional and contemporary curriculum design and will interact with local music educators in various school settings. *Prerequisite(s): 30 credit hours of university-level study.*

MUSC-3110 Cultural Perspectives and Critical Pedagogy in Music Education (3.0 credit hours) This course seeks to centre the student and their perspectives as a pedagogy for critical thinking that engages rehearsal techniques and classroom teaching in making connections with musical materials and the world beyond. Implicit within making these connections, this course will address issues of musical identity and achievement, equity and excellence, developmental musicianship, teaching for the whole child, and the importance of nurturing the student and teacher

relationship. *Prerequisite(s): 30 credit hours of university-level studies. Reading notation strongly recommended. Cannot be held with MUSC-3100.*

MUSC-3120 Organ and Harpsichord Workshop (3.0 credit hours) An introduction to playing the organ and the harpsichord for advanced pianists. Plenary sessions will alternate with individual instruction on both instruments. In addition, topics such as service playing (organ), continuo playing, repertoire, and historically informed performance practice will be addressed. Normally the workshop will be limited to six participants. *Admission by permission of the instructor.*

MUSC-3140 Vocal and Choral Techniques (3.0 credit hours) A study of how to teach vocal techniques in a classroom or choral setting. Students will actively participate in classroom instruction that focuses on a practical exploration of choral tone, vocal colour, and teaching strategies for all ages and levels of experience. As well, vocal development, vocal health, and physiology of the voice will be considered for study. This course is intended for students who are not in voice performance. *Prerequisite(s): MUSC-1010 and MUSC-1110. Cannot be held with the former MUSC-2140.*

MUSC-3150 Conducting Techniques II (3.0 credit hours) A continuation of Conducting Techniques I, with an emphasis on baton techniques, conducting large and small choral/instrumental ensembles, and rehearsal techniques. *Prerequisite(s): MUSC-2150.*

MUSC-3170 Jazz Ensemble Techniques (3.0 credit hours) A study of the tonal and formal materials of the jazz tradition, of procedures for rehearsing and directing small and large jazz ensembles, and of standard repertoire and performance materials. An applied component includes working with common styles and idioms of jazz arranging and improvisation in performance. *Prerequisite(s): 30 credit hours of university-level study, including MUSC-1010.*

MUSC-3200 Studies in Nineteenth-Century Music (3.0 credit hours) A focused study of the history and literature of music in its cultural context in the nineteenth century. *Prerequisite(s): MUSC-2230 and 30 credit hours of university-level study.*

MUSC-3210 Studies in Eighteenth-Century Music (3.0 credit hours) A focused study of the history and literature of music in its cultural context from the mid-eighteenth century to the early nineteenth century, including Haydn, Mozart, and Beethoven. *Prerequisite(s): MUSC-2230. Cannot be held with the former MUSC-2210.*

MUSC-3230 Issues in Music Since 1900: Beauty, Noise, and Change (3.0 credit hours) Composers have always responded to world events and grappled with cultural

change, but since 1900, they (and their audiences) had to come to terms with everything from industrial warfare to artistic modernism to the rise of the recording industry, all of which fundamentally altered social understandings of what music could be and what it could do. In this course, we will explore musics in their historical and cultural contexts, seeking to understand the relationships between new musical sounds, new musical forms, and new musical purposes against the backdrop of some of the most tumultuous and vibrant times in human history. *Prerequisite(s): 30 credit hours of university-level study. Reading musical notation not required.*

MUSC-3240 Decolonizing our Learning through Music (3.0 credit hours) What do students and teachers learn about the nature of music based on the musical doings and products that are celebrated in the classroom? What forms of colonialism are present in music classrooms? Which students are served by current musical practice, and which students are systematically 'failed'? Underpinning these questions is a need for a critical examination of practice that centres Indigenous voices and decentres a colonial "stylistic and engagement hierarchy" (Rinsema, 2018) in doing and listening to music. *Prerequisite(s): 30 credit hours of university-level studies.*

MUSC-3250 Topics in Music and Culture (3.0 credit hours) An interdisciplinary course involving a dialogue between music and another area, for example, philosophy, theology, math, or English. Normally will be team-taught. Open to music and non-music students. *Prerequisite(s): 30 credit hours of university-level studies.*

MUSC-3310 Church Renewal and Music in the Twentieth Century (3.0 credit hours) A study of the renewal movements in the twentieth century, studying both their theology and music, including the impact of Vatican II, the charismatic movement, Taizé, Vineyard movement, etc. Attention will also be given to developments in contemporary hymnody. *Prerequisite(s): 30 credit hours of university-level study. Cannot be held with the cross-listed course BTS-3310.*

MUSC-3398 Church Music Event/Project (2.0 credit hours) A public worship event or project organized and led by the student, under supervision of CMU faculty. *Prerequisite(s): 30 credit hours of university-level study.*

MUSC-3399 Recital I (2.0 credit hours) A public performance approximately 30-40 minutes in length in a particular area of applied music study comprising a minimum of three epochs of contrasting repertoire as specified by the chosen concentration. *Admission by permission of the Music Department.*

MUSC-3830 Psychology of Music (3.0 credit hours) An in-depth study of the psychological and physiological aspects of musical behaviour and experience including

basic knowledge of music and affect, the influence of music on behaviour, and perception and cognition of music, as well as a study of current research in the field.
Prerequisite(s): 30 credit hours of university-level study and a successful theory placement test.

MUSC-3860 Brass Techniques (3.0 credit hour) Group instruction in brass instruments. Instruction explores playing techniques and examines materials and procedures for individual and group instruction.
Prerequisite(s): MUSC-2010.

MUSC-3890 Woodwind Techniques (3.0 credit hour) Group instruction in woodwind instruments. Instruction explores playing techniques and examines materials and procedures for individual and group instruction.
Prerequisite(s): MUSC-2010.

MUSC-3900 Readings in Musicology (3.0 credit hours) An introduction to various topics and approaches to musicology, including cultural studies and ethnomusicology. *Prerequisite(s): This course is restricted to students in the Bachelor of Music Musicology concentration. Eligible students should request a document outlining the procedures and requirements for this project from the Program Chair.*

MUSC-3910 Music and Locality (3.0 credit hours) Most of us live our lives around and through music. We listen alongside many everyday activities—commuting, exercising, studying, cooking—but music is also at the heart of how we connect with friends, family, and our communities. This course centers musical practices as significantly meaningful, going beyond ideas of music as just entertainment or art, in order to explore people’s social relationships, personal and communal values, and music’s role in overall human flourishing. Students will engage in ethnographic investigations and qualitative analyses of local music scenes in Winnipeg, applying a variety of theories from sociology, media studies, and music to these local contexts and practices. *Prerequisite(s): 30 credit hours of university-level study. Reading musical notation not required. Cannot be held with the cross-listed course SOCI-3910.*

MUSC-3950 Topics in Music (3.0 credit hours) The content of this course will vary from year to year, depending on the needs of students and the interests and availability of instructors. *Prerequisite(s): 30 credit hours of university-level study.*

MUSC-4000 Senior Thesis (3.0 credit hours) *This course is restricted to students in the Bachelor of Music Musicology concentration. Eligible students should request a document outlining the procedures and requirements for this project from the Program Chair.*

MUSC-4070 Choral Repertoire and Interpretation (3.0 credit hours) A critical study of the repertoire and

resources for school, church, and community choirs with a goal of understanding musical style and interpretation. Students’ choral techniques will be developed through score study and the teaching of selected repertoire. The course includes a weekly choral lab requirement.
Prerequisite(s): MUSC-3150 and admission to a concentration.

MUSC-4100 Music and Spiritual Meaning (3.0 credit hours) Throughout the history of Western civilization, music frequently has been understood to possess a numinous quality. Whether identified as reflecting the Platonic world soul, the Judeo-Christian Creator, the Romantic Sublime, or as the Will, the idea that music seeks to express the inexpressible, the thing longed for but not completely attainable, is a *Leitmotif* running through the contemplation of music since antiquity. This course will interrogate this theme through readings and reflection, and through exploring students’ own understanding of this idea. *Prerequisite(s): 60 credit hours of university-level studies, including MUSC-2220 and 2230 or the former MUSC-1200 and MUSC-1210.*

MUSC-4170 Band and Orchestral Techniques (3.0 credit hours) A practical study in rehearsing and conducting large and small instrumental ensembles. Students will examine performance and instructional materials, appropriate for school, church, and community settings. *Prerequisite(s): MUSC-3150.*

MUSC-4180 Instrumental Ensemble Techniques (3.0 credit hours) A practical study in rehearsing and conducting large and small instrumental ensembles. Students will examine performance and instructional materials appropriate for schools, church, and community settings. *Prerequisite(s): MUSC-2150. Cannot be held with MUSC-4170.*

MUSC-4200 Studies in Medieval and Renaissance Music (3.0 credit hours) A focused study of the history and literature of music in its cultural context during the Medieval and Renaissance periods. Included will be a considerable emphasis on early music notation. *Prerequisite(s): 30 credit hours of university-level study, including MUSC-2230.*

MUSC-4210 Studies in Baroque Music (3.0 credit hours) A focused study of the history and literature of music in its cultural context from 1600 to 1750. *Prerequisite(s): MUSC-2230 or former MUSC-1210. Cannot be held with the former MUSC-2200.*

MUSC-4300 Church Music Themes (3.0 credit hours) A seminar dealing with a specific topic of current interest in the area of church music. *Prerequisite(s): 30 credit hours of university-level study, including BTS-2301, MUSC-2300, or MUSC-2320.*

MUSC-4360 Music Practicum (3.0 credit hours) A music practicum in applied music or arts administration, working in amateur, professional, or political organizations. *Prerequisite(s): 60 credit hours of university-level study.*

MUSC-4399 Recital II (3.0 credit hours) A 60-minute public performance in a particular area of applied music study, as required by the chosen concentration. *Admission by permission of the Music Department.*

MUSC-4800 Research in Music Education and Therapy (3.0 credit hours) Methodologies for interpreting, conducting, and reporting research. Students will also perform data base literature searches and consider how to apply research findings to practice. *Prerequisite(s): 60 credit hours of university-level studies.*

MUSC-4940 Independent Study in Music (3.0 credit hours) An independent study under the direction of a faculty member in music. *Prerequisite(s): 60 credit hours of university-level studies, including 12 credit hours in Music.*

MUSC-4950 Topics in Music Research (3.0 credit hours) Students will meet regularly with a music faculty member for an independent study, resulting in a major research paper. *Prerequisite(s): 15 credit hours of cultural perspectives courses.*

Music Therapy

MUTH-2800 Introduction to Music Therapy (3.0 credit hours) An overview of the field of music therapy, an introduction to the history and principles, to different therapy models and techniques, and to the many populations served by the discipline. This course is open to all students and professionals interested in learning more about the field. *Reading musical notation not required. Cannot be held with the former MUSC-2800.*

MUTH-3801 Medical Music Therapy (3.0 credit hours) This course focuses on the use of music therapy in medical, gerontology, and palliative care settings. Clinical application of music techniques for clients in these settings will be explored with a focus on the therapeutic function of music. Students will learn about interdisciplinary work within team settings. *Prerequisite(s): MUTH-2800 and admission to the Music Therapy program. Cannot be held with the MUSC-3801.*

MUTH-3802 Music Psychotherapy (3.0 credit hours) This course provides an introduction to the use of music in psychotherapy and integration of verbal and nonverbal therapy techniques. Students will engage in cultural self-exploration and learn about safe and effective use of self in therapy. *Prerequisite(s): a minimum grade of C+ in MUTH-3801 and admission to the Music*

Therapy program. Cannot be held with the former MUSC-3802.

MUTH-3803 Developmental Music Therapy (3.0 credit hours) This course will focus on developmental and rehabilitative music therapy with children and adults. Principles of music therapy and theoretical approaches in developmental and rehabilitative settings will be discussed with a focus on the therapeutic function of music. Students will learn clinical skills, including assessment, treatment, and evaluation, as well as practical application of music therapy techniques for groups and individuals. *Prerequisite(s): MUTH-2800 and admission to the Music Therapy program. Cannot be held with the former MUSC-3803.*

MUTH-3804 Humanistic Music Therapy (3.0 credit hours) This course will focus on Humanistic/Client-centred Music Therapy, the therapeutic relationship and therapeutic use of self in a range of settings including individual music therapy, work with teenagers, and mental health/wellness. Improvisation techniques and applications and use of technology in music therapy will be explored. *Prerequisite(s): a minimum grade of C+ in MUTH-3803 and admission to the Music Therapy program. Cannot be held with the former MUSC-3804.*

MUTH-3805 Clinical Musicianship I (1.5 credit hours) This is the first in a sequence of four classes designed to build clinical musicianship skills which students will need for Music Therapy Practicum and Internship. This largely experiential class will support students in exploring their personal relationship with music. Students will be introduced to music in a music therapy context, and explore clinical improvisation, use of pre-composed music, and movement to music. *Prerequisite(s): MUTH-2800 and admission to the Music Therapy program.*

MUTH-3806 Clinical Musicianship II (1.5 credit hours) This is the second in a sequence of four classes designed to build clinical musicianship skills which students will need for Music Therapy Practicum and Internship. Students will gain experience in improvisation, receptive methods, composition, and explore integration of other creative arts with music. This class also includes small ensemble work in popular music forms. *Prerequisite(s): MUTH-3805.*

MUTH-3871 Observation and Clinical Skills (1.0 credit hour) This course provides a focused introduction to observation and clinical skills for music therapy. In addition to the seminar class, students will complete field observations of music therapy sessions conducted by certified Music Therapists (MTA). *Prerequisite(s): Admission to the Music Therapy program. Cannot be held with the former MUSC-2870 or MUSC-3870.*

MUTH-3881 Practicum I: Foundations of Clinical Practice (2.0 credit hours) Supervised field experience

with different special populations, working with both groups and individuals. Designing, implementing, documenting, and evaluating clinical experiences. In addition to field placement, the student must attend a weekly on-campus seminar. *Prerequisite(s): a minimum grade of C+ in MUTH-3871. Cannot be held with the former MUSC-2880 or MUSC-3881.*

MUTH-4805 Clinical Musicianship III (1.5 credit hours) This is the third in a sequence of four classes designed to build clinical musicianship skills which students will need for Music Therapy Practicum and Internship. Through experiential learning and study of client case material, students will gain skill in facilitation, leadership, and making musical decisions with therapeutic intent. Methods will include clinical improvisation, use of pre-composed music, and movement to music. *Prerequisite(s): MUTH-3806.*

MUTH-4806 Clinical Musicianship IV (1.5 credit hours) This is the fourth in a sequence of four classes designed to build clinical musicianship skills which students will need for Music Therapy Practicum and Internship. Students will facilitate interventions including improvisation, receptive methods, composition, and explore integration of other creative arts with music. This class also includes small ensemble work in popular music forms and learning how to set-up and use microphones and amplifiers. *Prerequisite(s): MUTH-4805.*

MUTH-4870 Practicum II: Exploring the Clinical Process (3.0 credit hours) Supervised field experience with different special populations, working with both groups and individuals. Designing, implementing, documenting, and evaluating clinical experiences. In addition to field placement, the student must attend a weekly on-campus seminar. *Prerequisite(s): a minimum grade of C+ in MUTH-3881. Cannot be held with the former MUSC-3870 or MUSC-4870.*

MUTH-4880 Practicum III: Senior Practicum (3.0 credit hours) Supervised field experience with different special populations, working with both groups and individuals. Designing, implementing, documenting, and evaluating clinical experiences. In addition to field placement, the student must attend a weekly on-campus seminar. *Prerequisite(s): a minimum grade of C+ in MUTH-4870. Cannot be held with the former MUSC-3880 or MUSC-4880.*

MUTH-5800 Music Therapy Internship (3.0 credit hours) Students will complete a 1000-hour Music Therapy Internship at a CAMT approved facility, with on-site clinical supervision by an accredited Music Therapist. The internship must meet Canadian Association for Music Therapy (CAMT) Internship guidelines, particularly the minimum requirement for 300 hours of direct client contact and 50 hours of supervision. *Prerequisite(s): Completion of all other requirements of the Bachelor of Music Therapy.*

Peace and Conflict Transformation Studies

In this interdisciplinary field, students will gain an understanding of the nature and dynamics of human conflict and will consider alternative ways of dealing with conflict that develop healthy relationships and prevent violence. Conflicts, from interpersonal to international, are analyzed from an interdisciplinary perspective together with topics such as violence, power, justice, peace, communication, culture, conflict transformation, and dispute resolution. PACTS will prepare students to understand and interact constructively in response to personal, local, and global conflict situations.

Students may choose courses in Peace and Conflict Transformation Studies to fulfill requirements for social sciences or general electives in any degree program. Students who wish to concentrate in this subject field may choose a major or a minor, either in the four-year or the three-year Bachelor of Arts. For details regarding the requirements of these programs, see the ACADEMIC PROGRAMS section of this calendar.

The major in Peace and Conflict Transformation Studies requires course work in specific subfields. The subfield categories are as follows:

- Analyzing Peace and Violence
- Peacebuilding

PECTS-1110 Introduction to Peace and Conflict Transformation Studies (3.0 credit hours). This course will enable students to develop an understanding of the roots and nature of conflict, violence, and peace. It examines a variety of models for constructive ways to respond to conflict, violence, and peace. Special attention will be given to the question of how to understand conflict in relation to violence and peace, and the complex realities they name. Related themes will be examined from an interdisciplinary perspective.

PECTS-2000 The Project Cycle (3.0 credit hours) Time-limited projects remain an important way in which development and other social change assistance are delivered by non-profit agencies. The course will introduce the elements and practices of the project cycle, from identification and planning, through monitoring and evaluation of project implementation, including key issues in the project cycle, such as logical frameworks, managing for results, participatory planning and evaluation, appreciative approaches, and capacity building. *Prerequisite(s): BUSI-1000 or IDS-1110. Cannot be held with the cross-listed course IDS-2000.*

PECTS-2040 Global Issues (3.0 credit hours) Many countries around the globe face a similar set of issues as they relate to Indigenous peoples, economic

development, religious change, justice and peace, migration, and the environment. These issues take a specific form in Guatemala, a country that has been shaped by a 36-year-long war. This course will examine the following issues through the lens of the Guatemalan context: environment, Mayan culture and spirituality, war and peace, and migration. *Prerequisite(s): 24 credit hours of university-level study, including 3 credit hours of introductory social sciences. This course is available only through CMU's study abroad programs, Guatemala sites only. Cannot be held with the cross-listed courses IDS-2040 or POLS-2041.*

PCTS-214X Peace Skills Workshop (1.5 credit hours)

This workshop course will focus on developing knowledge and competencies in specific peacebuilding and conflict resolution skills. Possible topics include but are not limited to: mediation, nonviolent crisis intervention, conciliation, interfaith dialogue, facilitated meetings, and nonviolent direct action. The topics of the peace skills workshop may change from semester to semester. The workshop will usually be offered in an intensive format over 3 days, usually on a weekend. Instruction will be practice-based. *Prerequisite(s): 24 credit hours of university-level study or PCTS-1110.*

PCTS-2221 Restorative Justice (3.0 credit hours)

Identifies the principles of restorative justice and explores the application of these principles. Includes a critical assessment of victim-offender mediation, and the application of restorative principles within the criminal justice system, as they affect victims, offenders, and the community. Alternative models of the justice system as a whole will also be considered. *Prerequisite(s): PCTS-1110 or SWRK-1000. PCTS Category: Peacebuilding. Cannot be held with the cross-listed course SWRK-2221.*

PCTS-2262 Conflict, Faith, and Community (3.0 credit hours)

This course explores how conflict and conflict transformation are linked to personal faith and life in community. Students will first have the opportunity to investigate what is meant by "faith" and "community." Students will then explore how faith and community can shape their understanding of conflict and the practice of conflict transformation. Diverse views of conflict and faith developed by secular as well as various religious communities will be examined. *PCTS Category: Peacebuilding.*

PCTS-2443 Conflict and Development Issues in Indigenous Communities (3.0 credit hours)

Within the broad framework of international development and conflict transformation studies, this course explores the dynamics of Indigenous communities globally, with special reference to the Canadian context. Processes of marginalization and underdevelopment will be presented in order to understand Indigenous communities' social, economic, and political situation.

Prerequisite(s): IDS-1110 or PCTS-1110. Cannot be held with the cross-listed course IDS-2443.

PCTS-2620 Ecological Peacebuilding (3.0 credit hours)

This course will explore the role of the ecology in peacebuilding, focusing on relationships between environmental insecurity and conflict, ecological integrity and justice, and on the politics, theory and skills of ecological peacebuilding. Drawing upon a broad range of historical and contemporary case studies, students will be encouraged to apply these insights as part of the learning process. *Prerequisite(s): PCTS-1110. PCTS Category: Peacebuilding. Cannot be held with the cross-listed course ENVS-2620.*

PCTS-2810 History and Strategies of Non-Violence (3.0 credit hours)

Non-violence has a long and rich history, usually overshadowed by history as the story of violence. This course reviews the history of non-violent social change and explores the dynamics of non-violent action. It also examines the motivations and strategies of a variety of non-violent actions. *Prerequisite(s): PCTS-1110. PCTS Category: Analyzing Peace and Violence.*

PCTS-2820 Aggression, Violence, and War in a Social-Scientific Perspective (3.0 credit hours)

This course will investigate and assess psychological, sociological, anthropological, and socio-biological perspectives and theories of aggression, violence, and war. Case studies will be used to test the applicability of these theories and their usefulness for approaching peacebuilding work. *Prerequisite(s): PCTS-1110, PSYC-1020, SOCI-1110, or both ANTH-1610 and ANTH-1620. PCTS Category: Analyzing Peace and Violence. Cannot be held with the cross-listed course ANTH-2820.*

PCTS-2950 Topics in Peace and Conflict

Transformation Studies (3.0 credit hours) The content of this course will vary from year to year, depending on the needs of students and the interests and availability of instructors. *Prerequisite(s): PCTS-1110.*

PCTS-3100 Models for Peace and Conflict

Transformation (3.0 credit hours) This course examines integrative models of social change, which hold together peace, development, justice, and identity issues. Using such models requires the multifaceted tasks of critical analysis of structural violence and direct violence, nurturing justice through human development, proactive building of dynamic peace cultures, and responding to crises in ways that build on local cultural and faith traditions and that witness to a sustainable and peaceable future. *Prerequisite(s): 30 credit hours of university-level study, including PCTS-1110. PCTS Category: Peacebuilding.*

PCTS-3120 Cultures of Violence, Cultures of Peace (3.0 credit hours) A multi-layered examination of peace and

violence from the perspective of culture, addressing questions such as: How are attitudes towards peace and violence reflected in the way cultures enact discipline, security, education, reconciliation, etc.? How are peace and violence reflected in expressions of popular culture and various sub-cultures? How are peace and violence modelled in relationships between different cultures? How might the very idea of culture be questioned through the lens of peace? *Prerequisite(s): 30 credit hours of university-level study, including PCTS-1110 or SWRK-1000. PCTS Category: Analyzing Peace and Violence. Cannot be held with the cross-listed course SWRK-3120.*

PCTS-3240 Workplace Conflict Resolution (3.0 credit hours) This course will examine contemporary workplace issues, causes of workplace conflict and a variety of responses such as negotiation, conciliation, mediation, grievance procedures, and arbitration as well as tribunals such as labour relations boards and human rights commissions. Issues to be examined may include violence, bullying, harassment, organizational culture, constructive dismissal, and other workplace concerns. *Prerequisite(s): 30 credit hours of university-level study, including BUSI-2020, PSYC-2020, or PCTS-1110. PCTS Category: Peacebuilding. Cannot be held with the cross-listed course BUSI-3240.*

PCTS-3500 Journalism and Peacebuilding (3.0 credit hours) There is evidence on a daily basis of the power of media to fuel or mitigate conflict in our world. This course investigates what is possible when journalism practice is informed by nonviolent responses to conflict. The course draws from a growing scholarly and practitioner-based dialogue that is known as peace journalism. A series of case studies will investigate theoretical models and strategies of peace journalism practice. The aim of the course is to elaborate and exemplify peace journalism, conflict-sensitive reporting, participatory journalism and related issues. *Prerequisite(s): 30 credit hours of university-level studies, including one of COMM-1000, COMM-2060, or PCTS-1110. Cannot be held with the cross-listed course COMM-3500.*

PCTS-3600 Doing Peace: From Theory to Practice (3.0 credit hours) Peacebuilding is a creative, dynamic art. Through an examination of local, national, and international case studies of peacebuilding, and through careful reflection on the dynamics of conflict transformation and peacebuilding, this course seeks to nurture students' strategic imaginations and creative capacities as artisans of peace. *Prerequisite(s): 30 credit hours of university-level study. PCTS Category: Peacebuilding.*

PCTS-3700 Ethics of Peacebuilding (3.0 credit hours) This course explores ethical challenges and dilemmas that occur in peacebuilding within conflict-impacted contexts. Peacebuilding theorizing revolves around the following questions: Who has agency in peacebuilding?

How do we know whether we are doing peacebuilding well? What questions should we ask? It is important both to explore the practicalities of building peace and to analyze the assumptions underlying the peacebuilding work. The course will examine the extent to which ethical concerns influence and inform peacebuilding; analyze on-the-ground practices, as well as the values and worldviews embedded in peacebuilding efforts; and explore creative possibilities for addressing these discoveries. Students will be introduced to case studies and ethical frameworks to ground the discussion. *Prerequisite(s): PCTS-1110.*

PCTS-3780 Faith and Toleration [T] (3.0 credit hours) This course explores the dynamics of faith and toleration in historical and contemporary perspective within the Christian tradition. The course addresses topics such as the following: violence within Christianity, settler and Indigenous relations, race relations, gender identity and the church, domestic violence, and interreligious relations. An over-arching aim in the course is to interrogate the notion of "toleration" and to develop theoretical resources that support the work of reconciliation and peace. *Prerequisite(s): 30 credit hours of university-level studies, including 6 credit hours in Biblical and Theological Studies. Cannot be held with the cross-listed course BTS-3780.*

PCTS-3800 Whose Violence? Which Peace? (3.0 credit hours) The art of naming peace and violence well requires an appreciation of the different and related varieties of peace and violence. It also requires an understanding of how peace and violence are bound up with a variety of complex related practices and realities that might not appear on the surface to be relevant matters. For example, what do speed, technology, media, and virtual reality have to do with questions of violence and peace? What difference does it make if we think about peace and violence in terms of the categories of nation-state, civil society, or church? *Prerequisite(s): PCTS-1110 or 30 credit hours of university-level study, including or 6 credit-hours of Philosophy. PCTS Category: Analyzing Peace and Violence. Cannot be held with the cross-listed course PHIL-3800.*

PCTS-3850 Just War Traditions (3.0 credit hours) This course seeks to explore how justice is related to questions of peace and violence through an examination of the history and logic of the just war tradition. Characteristic themes of the just war tradition will be studied, such as the distinction between killing and murder, the presumption against violence, non-combatant immunity, the possibility of honourable defeat, and war as last resort. Special attention will be given to understanding the changing character of the just war tradition in its transition through medieval Christian to modern secular contexts *Prerequisite(s): 30 credit hours of university-level study, including PCTS-1110.*

PCTS-3950 Topics in Peace and Conflict

Transformation Studies (3.0 credit hours) The content of this course will vary from year to year, depending on the needs of students and the interests and availability of instructors. *Prerequisite(s): 30 credit hours of university-level study, including PCTS-1110.*

PCTS-4000 Thesis in Peace and Conflict

Transformation Studies (6.0 credit hours) *This course is restricted to students completing the Bachelor of Arts, four-year major in Peace and Conflict Transformation Studies. Eligible students should refer to the Thesis Writing Procedures in the ACADEMIC POLICIES AT SHAFTESBURY CAMPUS section of this calendar.*

PCTS-4010 Senior Seminar Identity and

Intersectionality (3.0 credit hours) This course critically examines the complex and diverse ways intersectionality is used as an interpretive framework across disciplines to examine identity. We will explore how intersectionality can be understood as a paradigm, theory, concept, practice, and methodology to study identity. This course will consider how gender, sex, culture, faith and religion, class, ability, and political realities are factors in identity, and we will examine how identity and intersectionality connect to histories of violence and oppression, as well as to human survival, persistence, and resistance. *Prerequisite(s): 60 credit hours of university-level studies, including 12 credit hours in Psychology or Peace and Conflict Transformation Studies. PCTS Category: Analyzing Peace and Violence. Cannot be held with the cross-listed course PYSC-4010.*

PCTS-4100 Senior Seminar in Social Change (3.0 credit

hours) In this capstone seminar, students review and compare inter-disciplinary and discipline-based approaches to social change, including issues in peacebuilding and conflict transformation, social and economic development, environmental sustainability, and democratization and social movements. Using a seminar format, students will examine contending theories of social change, and address questions of power, interpretation, ethics, commitments, and virtues in understanding and working for social change. These examinations will allow students to explore ways of integrating theories and practices and articulate their own understanding and ethics of social change. *Prerequisite(s): 60 credit hours of university level studies, including 18 credit hours in GEOG, IDS, PCTS, POLS, PSYC, or SOCI. It is recommended that the practicum requirement be completed prior to taking this course. Cannot be held with the cross-listed courses IDS-4100, POLS-4100, or SOCI-4100.*

PCTS-4240 Workplace Conflict Resolution Systems

Design (3.0 credit hours) The course is designed to develop an understanding of the nature and causes of conflict in the workplace and the implementation of

conflict resolution systems within the organization. Areas of study include systems design related to the organizational culture, context, and structure. It examines past and current conflict resolution systems, structures that are necessary to support conflict management systems, and emerging trends in workplace dispute systems design. The course then studies organizational advantages and disadvantages of investing in dispute systems design. *Prerequisite(s): BUSI-3240 or PCTS-3240. Cannot be held with the cross-listed course BUSI-4240.*

PCTS-4920 Program Planning in Development and

Conflict Resolution (3.0 credit hours) Program planning is a critical first step in most interventions by development and conflict resolution organizations. This course covers blueprint planning required for preparation of funding proposals and various forms of strategic and participatory planning required for the application of results-based management and learning approaches during program implementation. Current debates regarding approaches to planning are also reviewed. Students acquire skills necessary for conceptualizing and implementing international or domestic projects undertaken by non-governmental organizations: needs assessment, goal and purpose identification, formulation of logframe, work plan and budget, and preparation of a funding proposal. *Prerequisite(s): 30 credit hours of university-level studies, including IDS-1110 or PCTS-1110. Cannot be held with the cross-listed course IDS-4920.*

PCTS-4940 Independent Study in PCTS (3.0 credit

hours) A study in a specific area of IDS under the direction of a faculty member *Prerequisite(s): 60 credit hours of university-level studies, including PCTS-1110.*

PCTS-4950 Topics in Peace and Conflict

Transformation Studies (3.0 credit hours) The content of this course will vary from year to year, depending on the needs of students and the interests and availability of instructors. *Prerequisite(s): 30 credit hours of university-level study, including PCTS-1110.*

Philosophy

Philosophy, in its traditional sense, is understood as the love of wisdom. In its modern form, philosophy is a search for general theoretical explanations in an attempt to answer certain basic questions: what is real? (metaphysics); what can I know? (epistemology); what should I do? (ethics). Philosophy at CMU, while it explores aspects related to each of these questions, also involves the ongoing task of rethinking the very idea of philosophy itself. In particular, it investigates the philosopher's desire for general explanations, and seeks instead to explore philosophies as ways of life. Of special interest is how all of this relates to that peculiar way of life called church. Such an enquiry will approach philosophy historically and contextually rather than as a series of

answers to abstract theoretical questions which suggests that philosophy is best understood in its more traditional sense as the love of wisdom. Studies in Philosophy will equip students with skills essential for many pursuits, including careers in university-level studies, law, government, policymaking, and administration.

Students may choose courses in Philosophy to fulfill requirements for humanities or general electives in any degree program. Students who wish to concentrate in this subject field may choose a major or a minor, either in the four-year or the three-year Bachelor of Arts. For details regarding the requirements of these programs, see the ACADEMIC PROGRAMS section of this calendar.

PHIL-1000 The Task of Philosophy I: The Question of Reality (3.0 credit hours) In the ancient and medieval world, the task of philosophy was concerned with the formation and transformation of the self in the hope that it might be consistent with a certain vision of the world—the world of reality rather than the illusory world of mere appearance. This course explores some of the different ways ancient and medieval philosophers understood the self and the visions of the real world in which it strives to participate.

PHIL-1010 The Task of Philosophy II: The Question of Knowledge (3.0 credit hours) Modern philosophy is often described as being preoccupied with the question of knowledge. More specifically, it defines knowledge in terms of a relationship between knowing subjects and an external, objective world. This course examines the story of modern philosophy's apparent turn to knowledge and explores some ways in which contemporary philosophers have raised questions about that project.

PHIL-2020 Postmodern Philosophy (3.0 credit hours) An examination of several key themes of postmodern philosophy, including the interrelationship between power and knowledge, otherness, difference, madness, punishment, multiplicity, deconstruction, and gift. Special attention will be given to the work of Michel Foucault, Jacques Derrida, and Gilles Deleuze.

PHIL-2030 Aquinas and Wittgenstein: Language, Reality, and God (3.0 credit hours) An examination of the philosophy of Thomas Aquinas and Ludwig Wittgenstein, focusing on questions concerning the meaning of language, the nature of reality, and the possibility of human talk about God. Special attention will be given to an exploration of the implications of our understanding of language for how and what we think about reality, knowledge, the self, ethics, and God.

PHIL-2050 An Introduction to Metaphysics: What is Nature? (3.0 credit hours) The purpose of this course is to introduce students to several different visions of what nature is and what human flourishing involves. In the

course of understanding and evaluating these visions, students will become acquainted with central topics in metaphysics such as the problem of free will, the relationship between the mental and the physical, whether values such as goodness and beauty exist, and the nature and existence of God.

PHIL-2060 Hegel and Kierkegaard: Subjectivity, System, and Paradox (3.0 credit hours) For Hegel, philosophy is defined by its systematic character, its movement towards a resolution. Kierkegaard, by contrast, was resolutely anti-systematic, emphasizing paradox and the necessity of proceeding in the absence of reasoned justifications. Focusing on Hegel and Kierkegaard, this course examines some basic options in 19th Century philosophy. Topics to be considered include the Absolute, Spirit, transcendence, subjectivity, love, paradox, sacrifice, choice, and the possibility of repetition.

PHIL-2080 The Ethics of Love (3.0 credit hours) The purpose of this course is to examine the suitability of love as the focus of ethical inquiry and action. In doing so we will: 1) ask whether love can be obligated; 2) examine the manner in which love attends; 3) consider the suitability of the distinction between religious and philosophical ethics. We will pursue these questions through reading a variety of authors including Plato, Augustine, and Kierkegaard.

PHIL-2090 Philosophical Investigations on Death and Dying (3.0 credit hours) This course brings together two approaches to the study of death and dying. First, it draws on ancient and modern philosophical analyses of whether a good life is possible and what it involves. Second, it draws on more focused analyses of the social, political, and medical issues that surround death and dying today. By this combination of sources, this course seeks to understand and raise critical questions about death and dying in modern society.

PHIL-2100 The Self and Its Sources (3.0 credit hours) This course explores the idea that our identity is produced both in relation to other persons and in relation to the larger political and historical contexts that surround us. The course will focus on two questions in particular. First, is God among the persons that produce our identity, and if so, how does God impinge upon and produce our identity? Second, if our identity is a product of political, social, and historical factors, what are the consequences for thinking about personal responsibility?

PHIL-2110 Popular Philosophy (3.0 credit hours) What does philosophy look like when it is produced for a popular audience and not just for professional philosophers? What sorts of concerns are contemporary philosophers thinking about? How do they engage and frame the key issues of the contemporary moment? This course examines philosophy as it is presented in magazines, podcasts, and other forms of popular media.

What gets covered will be determined by what becomes available during the time the course is being taught.

PHIL-2600 Social and Political Philosophy (3.0 credit hours) What is human nature? Should society be organized to reflect this? What is justice? Are states coercive by nature? How does property inform politics? What is ethical citizenship? These questions are explored through a survey of Western political thinkers including Plato, Aristotle, Machiavelli, Hobbes, Locke, Rousseau, de Gouges, Burke, Wollstonecraft, Mill, and Marx, and by examining their contemporary legacy. *Cannot be held with the cross-listed courses POLS-2600 or SOCI-2600.*

PHIL-2700 Disability and Difference: Philosophical and Theological Perspectives (3.0 credit hours) The study of physical and mental disability offers the opportunity to discover both the problems and the potential of central philosophical and theological concerns: free will, reason, morality, solidarity, suffering, sin, and salvation, among others. Our goal in this class is to begin to see the indispensability of disability for our own self-understanding. Readings from ancient, modern, and contemporary authors will be included, from a variety of philosophical and theological perspectives, including the perspectives of persons with disabilities. *Cannot be held with the cross-listed course BTS-2700.*

PHIL-2950 Topics in Philosophy (3.0 credit hours) The content of this course will vary from year to year, depending on the needs of students and the interests and availability of instructors.

PHIL-3000 Philosophy of Mathematics (3.0 credit hours) The philosophy of mathematics includes matters of metaphysics, semantics, and epistemology. This course will provide an overview of the philosophy of mathematics, including (1) the views of some historical philosophers of mathematics, from Plato and Aristotle to Immanuel Kant and John Stuart Mill, (2) the three major positions of the twentieth century, namely, logicism, intuitionism, and formalism, and (3) some contemporary accounts of mathematics, such as ontological realism, anti-realism, and structuralism. *Prerequisite(s): 30 credit hours of university-level studies, including a minimum grade of C in MATH-1040. Cannot be held with the cross-listed course MATH-3000.*

PHIL-3010 Existentialism: Dostoevsky, Kierkegaard, and Nietzsche (3.0 credit hours) This course will examine select writings of authors who are described as "existentialist." Possible authors to be studied include: Kierkegaard, Dostoevsky, Nietzsche, Weil, Camus, and de Beauvoir. Broadly speaking, an author can be classified as "existentialist" if their primary concern is to discern the truth of the human person beyond the concepts and categories supplied by the natural, social, psychological, and moral sciences. We will evaluate the authors' critiques of these various frameworks as well as the forms

of individual and social life they advocate in place of them. *Prerequisite(s): 30 credit hours of university-level study. Cannot be held with the cross-listed course ENGL-3011.*

PHIL-3060 Introductory Logic (3.0 credit hours) An introduction to the semantics of philosophical logic, which is the mathematics of propositions. The course covers classical logical theory, the foundation for mathematical proof, and also some rival logics. These include incomplete logic, in which some statements are neither true nor false; inconsistent logic, in which some statements are both true and false; and free logic, in which statements can be made about objects that do not exist. *Prerequisite(s): MATH-1040 or MATH-2000. Prerequisite(s) may be taken concurrently with the course. Cannot be held with the cross-listed course MATH-3060.*

PHIL-3100 Ethical Living in a Technological Society (3.0 credit hours) This course will examine the implications of living in a technological society for our understandings of self, society, and Christian faith. The course will explore the historical roots of modern technology and the closely related domains of science and economics as well as a range of related philosophical, historical, psychological, and sociological critiques. Emphasis will be placed on identifying creative options for living "faithfully" within a technological society. *Prerequisite(s): 30 credit hours of university-level study, including SOCI-1110. Cannot be held with the cross-listed course SOCI-3100.*

PHIL-3120 Dante: *The Divine Comedy* (3.0 credit hours) When, at the mid-point of his life, Dante found himself in the midst of a crisis, he turned to the dead to help him find his way. Equal parts literature, poetry, history, politics, philosophy, and theology, this course will follow Dante's epic journey through hell, purgatory, and heaven as recorded in *The Divine Comedy*. *Prerequisite(s): 6 credit hours of introductory English (1010-1050), including one of ENGL-1010, ENGL-1020, or ENGL-1050, or 6 credit hours of 1000- or 2000-level Philosophy. Cannot be held with the cross-listed courses BTS-3120 or ENGL-3120.*

PHIL-3130 Being in the World: Heidegger and Merleau-Ponty (3.0 credit hours) Martin Heidegger and Maurice Merleau-Ponty both seek to liberate philosophy from a certain approach to the question of being. Despite significant differences, they both seek to rescue being from the dualism of subject and object, preferring to speak instead about "being-in-the-world." From Heidegger's rethinking of being in relation to time to Merleau-Ponty's accounts of the body, depth, and intersubjectivity, we will explore their debates about being, self, knowledge, experience, care, and death, among other important questions. *Prerequisite(s): 30 credit hours of university-level study, including 6 credit hours of Philosophy at the 1000- or 2000- level.*

PHIL-3700 The City and the Soul: Encountering Winnipeg Through *The Wire* (3.0 credit hours) This course takes up the longstanding analogy of the city and the soul and explores it in the context of the contemporary city. Through an extended reading of *The Wire*—a critically acclaimed TV drama about the city—it invites students to reflect on what it might mean to pursue the good life in Winnipeg. *Prerequisite(s): 30 credit hours of university-level study, including 6 credit hours of Philosophy. Cannot be held with the cross-listed courses BTS-3700 or SOCI-3700.*

PHIL-3750 Shakespeare, Philosophy, and Religion (3.0 credit hours) Taking a cue from the American philosopher Stanley Cavell, this course places the work of Shakespeare into conversation with early modern philosophy and religion. In particular, it will explore the claim that Shakespeare's tragic and post-tragic plays—*Othello*, *King Lear*, *The Winters Tale*, *The Tempest*—are responding in different ways to the same challenges associated with early modern philosophers such as René Descartes. Finally, it will examine how these issues play out in early modern religious life and thought. *Prerequisite(s): 30 credit hours of university-level studies. Cannot be held with the cross-listed course BTS-3750 not ENGL-3750.*

PHIL-3800 Whose Violence? Which Peace? (3.0 credit hours) The art of naming peace and violence well requires an appreciation of the different and related varieties of peace and violence. It also requires an understanding of how peace and violence are bound up with a variety of complex related practices and realities that might not appear on the surface to be relevant matters. For example, what do speed, technology, media, and virtual reality have to do with questions of violence and peace? What difference does it make if we think about peace and violence in terms of the categories of nation-state, civil society, or church? *Prerequisite(s): 30 credit hours of university-level study, including either PCTS-1110 or 6 credit hours of Philosophy. Cannot be held with the cross-listed course PCTS-3800.*

PHIL-3950 Topics in Philosophy (3.0 credit hours) The content of this course will vary from year to year, depending on the needs of students and the interests and availability of instructors. *Prerequisite(s): 30 credit hours of university-level study, including 6 credit hours of Philosophy at the 1000- or 2000-level.*

PHIL-4940 Independent Study in Philosophy (3.0 credit hours) A study in a specific area of Philosophy under the direction of a faculty member. *Prerequisite(s): 60 credit hours of university-level studies, including 15 credit hours of Philosophy.*

PHIL-4950 Topics in Philosophy (3.0 credit hours) The content of this course will vary from year to year, depending on the needs of students and the interests and availability of instructors. *Prerequisite(s): 60 credit*

hours of university-level study, including 6 credit hours of Philosophy at the 1000- or 2000-level.

Physical Education

PHED-1000 Foundations of Physical Education and Exercise Science (3.0 credit hours) Introduction to physical education and exercise science as a profession and a discipline, including an overview of the sub disciplines, resources, and careers; a personal physical assessment; and principles for achieving physical fitness. The study of physical education will take into account the health of the whole person.

PHED-2000 Growth and Motor Development (3.0 credit hours) A study of physical growth and motor development from conception to adolescence, with implications for physical activity programs.

PHED-2100 Coaching Theory and Practice (3.0 credit hours) An introduction to the theoretical and practical aspects of coaching in the community and at the school level. It will include examination of topics of philosophical, psychological, ethical, and technical significance for coaching. The course will prepare students for certification in the National Coaching Certification Program at the Competition Introduction level.

Physics

PHYS-1010 Physics I: Mechanics of Movement (3.0 credit hours) This calculus-based course is an introduction to Classical Mechanics: the study of how objects move and why they move the way they do. This comprehensive course will treat vectors, and linear and rotational motion along with the relevant conservation laws. Applications to a wide range of phenomena will be explored, including biological phenomena. *Prerequisite(s): Physics 40S. Recommended prerequisite(s): MATH-1020. Corequisite(s): PHYS-1010L (lab). A lab fee will be applied.*

PHYS-1020 Physics II: Oscillations and Waves (3.0 credit hours) Oscillations and waves are at the heart of our universe. This calculus-based course will explore these phenomena and how they underlie the behaviour of light and sound and the hidden world of quantum mechanics, with special emphasis on their applications to the life sciences. Specific topics include superposition and interference of waves, wave and ray optics, wave-particle duality, and quantum-mechanical wave functions. *Prerequisite(s): PHYS-1010. Recommended prerequisite(s): MATH-1030. Corequisite(s): PHYS-1020L (lab). A lab fee will be applied.*

PHYS-2010 Electromagnetic Field Theory (3.0 credit hours) An introduction to the theory of

electromagnetism. Topics to be covered include the electric field, electric potential, Gauss' law, capacitors, dielectric materials, magnetic fields, Ampere's law, magnetic induction, magnetic materials, displacement current, and Maxwell's equations. *Prerequisite(s): A minimum grade of C in both MATH-1030 and PHYS-1010. Cannot be held with the cross-listed course MATH-2011.*

PHYS-2100: Quantum Physics I (3.0 credit hours) This course introduces the basic features of quantum mechanics, which is the foundation of modern technologies such as lasers, transistors, and solar cells. It begins with the problem of cavity radiation and normal modes, introduces Planck's quantization postulate, and leads to the Schrodinger theory of quantum mechanics, with emphasis placed on the solutions to the Schrodinger wave equation in one dimension. *Prerequisite(s): a minimum grade of C in both MATH-1030 and PHYS-1020. Cannot be held with the cross-listed course MATH-2100.*

PHYS-3800 Biophysics (3.0 credit hours) Introduction to mathematical modeling and physics-based approaches used to represent biological systems. Biophysical topics include thermodynamics, random walks and Brownian motion, electrostatics and the structure of biomolecules, nerve impulses, the quantum mechanical nature of vision, continuum mechanics, and transport phenomena. *Prerequisite(s): MATH-1030 and PHYS-1020. Cannot be held with the cross-listed courses BIOL-3800 or MATH-3800.*

Political Studies

Political Studies at CMU addresses power and inequalities among people, communities, and states. Students examine obstacles to fostering God's Kingdom on earth. They explore how the state, other institutions, roles and relationships, technologies, bodies of knowledge, and practices of culture and citizenship facilitate or compromise the goals of justice, peace, and human dignity. A close study of the classic texts, concepts, methodologies, and assumptions of Political Studies provides a basis for further inquiry. With this foundation, critical insights and alternative approaches from within and beyond the discipline can be fruitfully assessed. Political Studies prepares students for careers, leadership, advocacy, and management in such fields as research, social work, law, business, public administration, international development, foreign affairs, community organizing, and journalism.

Students may choose courses in Political Studies to fulfill requirements for social sciences or general electives in any degree program. Students who wish to concentrate in this subject field may choose a major or a minor, either in the four-year or the three-year Bachelor of Arts. For details regarding the requirements of these programs, see the ACADEMIC PROGRAMS section of this calendar.

The major in Political Studies requires course work in specific subfields. The subfield categories are as follows:

- World Politics
- Comparative Politics of the South
- Comparative Politics of the North
- Gender and Identity Politics
- Political Theory and Methodology

POLS-1000 Democracy and Dissent (3.0 credit hours) An introductory study of democratic politics and institutions, political ideas, electoral systems, and political culture. The lens of dissent is used to trace the emergence of democracy and its liberal development. Issues to be explored include: the roles of opposition, questions of accountability, the meaning and practice of justice, the evolving implications of citizenship, the crisis of the state under globalization, and the contemporary idea of democracy without dissent.

POLS-1010 Global Politics (3.0 credit hours) An introduction to the fields of International Relations and Comparative Politics with particular emphasis on current global issues. Topics include globalization, American domination, terrorism and security, the changing nature of states, international law and justice, the politics of the environmental crisis, political development, human migration, and the dilemmas of democratization. Active participation in debates, simulation games, and media studies contribute to critical skills that provide insight behind the "political veil."

POLS-2000 Social Welfare (3.0 credit hours) Explores how economic, political, and ethical theories on society and human nature are manifested in societal responses to human need in providing social services. Includes a survey of the history of social welfare in Canada and a review of the major social welfare institutions. *Political Studies Category: Comparative Politics of the North. Cannot be held with the cross-listed courses SOCI-2000 or SWRK-2000, or with POLS-2010 or SWRK-2010.*

POLS-2010 Welfare in Canada: Origins and Current Challenges (3.0 credit hours) This course will explore the historical and contemporary understandings of the contemporary welfare state. The history of welfare as it has emerged and been shaped by Anglophone, Francophone and Indigenous peoples will be the focus. Students will be challenged to reflect on their own privilege and bias via Anti-Oppressive, Anti-Capitalist and Indigenous perspectives of the role of the state in providing welfare. *Open to non-Social Work students. Cannot be held with the cross-listed course SWRK-2010 or with POLS-2000, SOCI-2000, or SWRK-2000.*

POLS-2040 Business and Labour Law (3.0 credit hours) This course introduces the legal environment under which Canadian businesses and organizations operate. As a background the Canadian constitution, courts and

legislative system will be discussed. The second part discusses the legal aspects of the most common forms of businesses and organizations in Canada: sole proprietorships, partnerships, cooperatives and corporations. Further discussion will include tort and contract law and labour law in Canada. *Prerequisite(s): BUSI-1000, IDS-1110, POLS-1000, or POLS-1010. Political Studies Category: Comparative Politics of the North. Cannot be held with the cross-listed course POLS-2040. CPA-approved preparatory course.*

POLS-2041 Global Issues (3.0 credit hours) Many countries around the globe face a similar set of issues as they relate to indigenous peoples, economic development, religious change, justice and peace, migration, and the environment. These issues take a specific form in Guatemala, a country that has been shaped by a 36-year-long war. This course will examine the following issues through the lens of the Guatemalan context: environment, Mayan culture and spirituality, war and peace, and migration. *Prerequisite(s): 24 credit hours of university-level study, including 3 credit hours of introductory social sciences. Political Studies Category: World Politics. This course is available only through CMU's study abroad programs, Guatemala sites only. Cannot be held with the cross-listed courses IDS-2040 or PCTS-2040.*

POLS-2100 History of the United States from 1607 (3.0 credit hours) A study of the development of the United States of America from its colonial origins to its emergence, four centuries later, as a global superpower. Attention will be given to political, economic, social, and intellectual developments from Jamestown to 9/11. *Political Studies Category: Comparative Politics of the North. Cannot be held with the cross-listed course HIST-2100.*

POLS-2110 The Fifties and Sixties: North America Cold, Cool and Radical (3.0 credit hours) An examination of the post-World War II decades of North America in its political, economic, social, and intellectual contexts. Individuals that may be studied include Elvis Presley, Lester Pearson, Ronald Reagan, Tommy Douglas, Martin Luther King Jr., Betty Friedan, Marshall McLuhan, Rachel Carson, Charles Manson, and Pierre Trudeau. Topics may include social revolutions (Quiet Revolution, Civil Rights), politics (Cold War, Great Society, Medicare), body and technology (The Pill, vaccines, organ transplants), youth protest (Beat, Berkeley), and consumer culture. *Political Studies Category: Comparative Politics of the North. Cannot be held with the cross-listed course HIST-2110.*

POLS-2120 Peace and Conflict in World Politics (3.0 credit hours) A study of large-scale violence, including conventional warfare and "low intensity" warfare (e.g., liberation movements, counter-insurgencies, and terrorism). Consideration is given to the political economy of such violence, including the arms industry and resource wars. What is the role of politics in perpetuating militarism, violence, and in enabling peace?

How are conflicts politically mediated through diplomacy, international law, NGO's, international organizations, etc.? We consider the relation of violence to underdevelopment, environmental degradation, and human rights violations. *Political Studies Category: World Politics.*

POLS-2200 Human Rights and Dignity (3.0 credit hours) Human rights claim to protect the interests and dignity of people. How do governments, the United Nations, non-governmental organizations, religious groups, corporations, and activists help or impede this process? What is the political and moral place of individuals, communities, law, and justice in the current global reality? Changing and cross-cultural understandings of rights are considered. *Political Studies Category: World Politics or Comparative Politics of the South.*

POLS-2300 Canadian Political Issues (3.0 credit hours) This thematic course builds upon concepts and knowledge of the Canadian political system acquired in "Introduction to Political Studies." Examples of themes include: Indigenous people, law, and politics; conscientious objection in Canada; the politics of immigration; community politics; gender and politics; the Church and state in Canada; media and politics; and regional/ cultural politics. *Prerequisite(s): POLS-1000. Political Studies Category: Comparative Politics of the North.*

POLS-2400 Comparative Politics of Development: Africa (3.0 credit hours) With Africa as our lens, the course invites a comparative study of how development is informed by the practices and institutions of governance, and by asymmetries of power and resources. The focus is on change in African regimes and their historical response to poverty, civil society's role in social ordering, and on cultures of governance and public policy in a globalizing context. Themes include: democratization and social movements; civil and regional conflicts; international aid and intervention; refugees; colonialism and post-colonialism; race, ethnicity, religion, class and gender; health and HIV/AIDS; and environmental crises and politics. *Political Studies Category: Comparative Politics of the South.*

POLS-2420 Ecological Economics (3.0 credit hours) Ecological economics is not merely the study of economics, but a broad, non-technical, and transdisciplinary study of the relationship between humans and the biosphere. Using a long view of history, this course incorporates ideas from across the social and natural sciences to enrich and challenge traditional economic concepts. Topics include the co-evolution of political, economic, and energy systems, the origins of money and inequality, the present scale of ecological decline (including, but not limited to climate change), proposed solutions and barriers to their implementation. *Prerequisite(s): 30 credit hours of university-level studies. Political Studies Category: World*

Politics. Cannot be held with the cross-listed courses ECON-2420 or IDS-2420.

POLS-2425 Degrowth and Political Ecology (3.0 credit hours) Contemporary social, ecological, and financial challenges might be viewed as symptoms of a deeper spiritual and cultural conflict: separation from one another, our inner-beings, and the land. We will examine adaptive (and maladaptive) governance and lifestyle possibilities that might foster re/connections to people and place. Themes include the appropriate use of technology, the concept of work, traditional knowledge, gift cultures, the social safety net, alternative financial instruments, biological infrastructure, and other examples from around the world. *Prerequisite(s): POLS-1000. Political Studies Category: Comparative Politics of the North. Cannot be held with SOCI-2425.*

POLS-2500 Social Entrepreneurship (3.0 credit hours) In this course, we refer to a range of business classifications that blend social, ecological, and financial value between the public and private sectors. The course identifies unique opportunities for the sector, explore organizational and management issues specific to social enterprises, review the history of social enterprise structures, and critically review their impacts. We will also consider the value of the “entrepreneurial” approach, including attitudes towards risk tolerance, experimentation, and problem-solving. *Prerequisite(s): 30 credit hours of university-level studies. Political Studies Category: Political Theory and Methodology. Cannot be held with the cross-listed course BUSI-2500.*

POLS-2600 Social and Political Philosophy (3.0 credit hours) What is human nature? Should society be organized to reflect this? What is justice? Are states coercive by nature? How does property inform politics? What is ethical citizenship? These questions are explored through a survey of Western political thinkers including Plato, Aristotle, Machiavelli, Hobbes, Locke, Rousseau, de Gouges, Burke, Wollstonecraft, Mill, and Marx, and by examining their contemporary legacy. *Political Studies Category: Political Theory and Methodology. Cannot be held with the cross-listed courses PHIL-2600 or SOCI-2600.*

POLS-2950 Topics in Political Studies (3.0 credit hours) The content of this course will vary from year to year, depending on the needs of students and the interests and availability of instructors.

POLS-3000 Politics, Society, and Mass Media (3.0 credit hours) This course examines the relationship between the mass communications media and the political and social processes in which they operate, investigating the state of research on mass media, the role of media in creating and shaping political awareness, and in influencing human behaviour and values. Examples of topics which may be covered are: media ownership and organization patterns, media in the electoral process, the media in

developing nations, the media and globalization, propaganda, media freedom and public opinion. *Prerequisite(s): 30 credit hours of university-level studies, including 6 credit hours in social science. Cannot be held with the cross-listed courses COMM-3000 or SOCI-3000.*

POLS-3260 Plato’s Republic and Paul’s Romans in Dialogue (3.0 credit hours) Plato’s *Republic* and Paul’s *Romans* are both discourses on the concept of justice, encompassing the body politic, the just individual within it, and the entire cosmos. Following an overview of Platonism and Paulinism within their respective Greek and Judeo-Christian traditions, this course will consist of a close reading consecutively of the *Republic* and *Romans* and will conclude with a comparison and dialogue between these two classics and the traditions they represent. *Prerequisite(s): 30 credit hours of university-level studies, including 6 credit hours in Biblical and Theological Studies. Political Studies Category: Political Theory and Methodology. Cannot be held with the cross-listed course BTS-3260.*

POLS-3500 Gender and Politics (3.0 credit hours) Examines the public exclusion of women and their emergence as political actors. By looking at the roles of women and men, we will consider how the construction of gender informs citizenship. What do feminist critiques reveal about the theory and practice of politics? What roles do market, culture, race, and class play? Ethical questions raised by identity politics are emphasized. We will consider how communities and institutions might become more just and more inclusive. *Prerequisite(s): 30 credit hours of university-level study, including 6 credit hours at the 1000-or 2000-level in political studies. Political Studies Category: Gender and Identity Politics.*

POLS-3600 Topics in Political Theory (3.0 credit hours) An engagement with classical and contemporary texts on a single theme. Examples of such themes include: justice; minority rights; human nature; political responsibility; alternatives to force; feminist political theory; citizenship and non-citizenship; postmodern political thought; political utopias; race theories and political identities; liberalism and its critics; Canadian political thought; science and politics. *Prerequisite(s): 30 credit hours of university-level study, including 6 credit hours at the 1000-or 2000-level in political studies or philosophy. Political Studies Category: Political Theory and Methodology*

POLS-3950 Topics in Political Studies (3.0 credit hours) The content of this course will vary from year to year, depending on the needs of students and the interests and availability of instructors. *Prerequisite(s): 30 credit hours of university-level study, including 6 credit hours at the 1000-or 2000-level in political studies.*

POLS-4050 Business in the European Union (3.0 credit hours) This course explores the business and political environment in Europe and the impact of European

integration in a regional and global context. Topics include: history and development of the EU, political institutions, economic integration and the single European market, monetary union and the Euro currency, trade and foreign policy, Canada-EU relations, political and cultural contexts in Europe, enlargement and expansion to Eastern Europe. *Prerequisite(s): 60 credit hours of university-level studies, including BUSI-3500. Political Studies Category: Comparative Politics of the North. Cannot be held with the cross-listed course BUSI-4050.*

POLS-4100 Senior Seminar in Social Change (3.0 credit hours) In this capstone seminar, students review and compare inter-disciplinary and discipline-based approaches to social change, including issues in peacebuilding and conflict transformation, social and economic development, environmental sustainability, and democratization and social movements. Using a seminar format, students will examine contending theories of social change, and address questions of power, interpretation, ethics, commitments, and virtues in understanding and working for social change. These examinations will allow students to explore ways of integrating theories and practices and to articulate their own understanding and ethics of social change. *Prerequisite(s): 60 credit hours of university level studies, including 18 credit hours in IDS, PCTS, SOCI, POLS, GEOG or PSYC. It is recommended that the practicum requirement be completed prior to taking this course. Political Studies Category: Political Theory and Methodology. Cannot be held with the cross-listed courses IDS-4100, PCTS-4100, or SOCI-4100.*

POLS-4940 Independent Study in Political Studies (3.0 credit hours) A study in a specific area of Political Studies under the direction of a faculty member. This course may be designed to qualify as an area course. *Prerequisite(s): 60 credit hours of university-level studies, including POLS-1000, POLS-1010, and additional 9 credit hours in Political Studies.*

POLS-4950 Topics in Political Studies (3.0 credit hours) The content of this course will vary from year to year, depending on the needs of students and the interests and availability of instructors. *Prerequisite(s): 30 credit hours of university-level studies.*

Practicum

A practicum is a supervised, structured, experience-based learning opportunity that involves the student in action, reflection, and response. CMU offers two types of practicum courses. Courses of the first type (PRAC-3000, 3005) are scheduled alongside other courses during the academic year. These courses require students to gain experience in individual placements (a minimum of 60 hours per 3 credit hours) and to meet regularly in a practicum class at CMU. The second type, namely, the

intensive practicum courses, requires students to spend a block of concentrated time in a placement over a minimum of 12 weeks (for a 6 credit-hour course). Most intensive practicum courses are developed with specific CMU programs in mind, but they are not restricted to students taking those programs. Financial assistance is available for some intensive practica. Appropriate practicum placements are arranged with the Practicum Office in accordance with the student's individual interests and academic goals. Students should consult the Director of Practica for further information and for assistance in arranging placements.

PRAC-1000 Cross-Cultural Service Learning (3.0 credit hours) A supervised, structured, experience-based cross-cultural learning opportunity that involves the student in the experiential learning cycle of preparation, experience, evaluation, and reflection. *Evaluation in this course will be pass/fail. This course is available only through CMU's Outtatown Program.*

PRAC-1010 Cross-Cultural Service Learning (6.0 credit hours) A supervised, structured, experience-based cross-cultural learning opportunity that involves the student in the experiential learning cycle of preparation, experience, evaluation, and reflection. *Evaluation in this course will be pass/fail. This course is available only through CMU's Outtatown Program.*

PRAC-2190 Vocation, Meaning, and Work (3.0 credit hours) This course introduces vocation as an idea within a literature exploring the meaning of "work" and "career" in Christian contexts, and as a domain of reflective practice that can inform our life's choices and their meanings. Students will read and reflect on "vocation" as an idea within a growing literature. Then, students will begin a portfolio that draws together documents related to their academic and personal lives, and that points towards meaningful next steps in pursuing vocation in these areas. *Prerequisite(s): 45 credit hours of university-level studies.*

PRAC-3000 Practicum (3.0 credit hours) This course draws on the strengths that experience-based education offers, with students spending a substantial amount of time (a minimum of 60 hours) in a supervised off-campus placement assigned according to the student's individual interests and academic goals. Reflection on the experience, both individually and in class with other students currently in practica, will form an important component of the course. This course is scheduled alongside other courses during the academic year. *Prerequisite(s): 45 credit hours of university-level studies.*

PRAC-3005 Practicum (6.0 credit hours) This course draws on the strengths that experience-based education offers, with students spending a substantial amount of time (a minimum of one hundred twenty hours) in a supervised off-campus placement assigned according to

the student's individual interests and academic goals. Reflection on the experience, both individually and in class with other students currently in practica, will form an important component of the course. This course is scheduled alongside other courses during the academic year. *Prerequisite(s): 45 credit hours of university-level studies.*

PRAC-3100 Intensive Practicum (3.0 credit hours) This course requires students to spend a block of concentrated time in a placement over a minimum of six weeks. This course is normally completed during one semester and is considered the main course of study that semester. *Prerequisite(s): 45 credit hours of university-level studies.*

PRAC-3110 Intensive Practicum (6.0 credit hours) This course requires students to spend a block of concentrated time in a placement over a minimum of 12 weeks. This course is normally completed during one semester and is considered the main course of study that semester. *Prerequisite(s): 45 credit hours of university-level studies.*

PRAC-3120 Intensive Practicum (9.0 credit hours) This course requires students to spend a block of concentrated time in a placement over a minimum of six months. This course may last as long as a year and is considered the main course of study that year. *Prerequisite(s): 45 credit hours of university-level studies.*

PRAC-3130 Practicum in International Development or Conflict Resolution Studies (3.0 credit hours) This is an integrated work experience in a local, national, or international setting. Students work in a relevant organization in a supervised field experience (minimum of 60 hours) and complete academic coursework throughout the semester. Students reflect on, utilize, and expand their knowledge of International Development or Conflict Resolution while also practicing workplace and professional writing, and integrating theories with practice. *Prerequisite(s): Declared major in International Development Studies or Conflict Resolution Studies through MSC and permission from the MSC Student advisor.*

PRAC-3140 Practicum in International Development or Conflict Resolution Studies (6.0 credit hours) This is an integrated work experience in a local, national, or international setting. Students work in a relevant organization in a supervised field experience (minimum of one hundred twenty hours) and complete academic coursework throughout the semester. Students reflect on, utilize, and expand their knowledge of International Development or Conflict Resolution while also practicing workplace and professional writing, and integrating theories with practice. *Prerequisite(s): Declared major in International Development Studies or Conflict Resolution Studies through MSC and permission from the MSC Student advisor.*

PRAC-3950 Social Innovation Lab (3.0 credit hours) This is a course in which a transdisciplinary cohort of students will design, propose, and implement solutions to particular problems posed by a business or community organization. Students will work in small teams, select the topic, draft a course of action, and work with faculty member(s) to define appropriate methods and outcomes. The course is applied and competency-based, embracing a "problem-based learning" approach where students will share knowledge, peer support, and feedback on an ongoing basis. *Prerequisite(s): 30 credit hours of university-level studies.*

PRAC-3960 Social Innovation Lab (6.0 credit hours) This is a course in which a transdisciplinary cohort of students will design, propose, and implement solutions to particular problems posed by a business or community organization. Students will work in small teams, select the topic, draft a course of action, and work with faculty member(s) to define appropriate methods and outcomes. The course is applied and competency-based, embracing a "problem-based learning" approach where students will share knowledge, peer support, and feedback on an ongoing basis. *Prerequisite(s): 30 credit hours of university-level studies.*

Psychology

Students of Psychology are invited to explore many facets of human experience, from development, learning, and memory to social interactions and the physiological underpinnings of these phenomena. Study in Psychology offers a more thorough understanding of oneself and others. At CMU, the Psychology program offers the explicit opportunity to consider critically various points of contact between psychology and faith. Skills useful in counselling, teaching, business, ministry, or higher-level study will be fostered.

Students may choose courses in Psychology to fulfill requirements for social sciences or general electives in any degree program. Students who wish to concentrate in this subject field may choose a major or a minor, either in the four-year or the three-year Bachelor of Arts. For details regarding the requirements of these programs, see the ACADEMIC PROGRAMS section of this calendar.

The major in Psychology requires course work in specific subfields. The subfield categories are as follows:

- Brain and Cognition
- Social Processes
- Developmental
- Health Psychology

PSYC-1010 Introduction to Psychology I: Foundations (3.0 credit hours) Survey of the psychological study of behaviour, and of the essential psychological and physiological foundations of human growth, thinking,

and behaviour. Topics include research processes, neuropsychology, genetic and environmental influences, sensation and perception, consciousness, learning, and development.

PSYC-1020 Introduction to Psychology II: Individuals and Interactions (3.0 credit hours) Survey (or "examination") of the psychological processes that shape individual human behaviour and thinking, and that influence interaction. Topics include memory, thinking and intelligence, motivation and emotion, personality, stress, disorders and their treatment, and social processes. *Prerequisite(s): PSYC-1010.*

PSYC-2020 Organizational Behaviour (3.0 credit hours) Examination of the impact of human behaviour on the formal and informal organization. Topics include leadership, work groups, organizational conflict, and communications. *Prerequisite(s): BUSI-1000 or PSYC-1020. Cannot be held with the cross-listed course BUSI-2020.*

PSYC-2030 Research Design in Psychology (3.0 credit hours) An introduction to basic research designs in the social sciences. Topics include considerations in data collection, descriptive and survey methods, measurement techniques, experimental methods, the interpretation and reporting of results, and research ethics. *Prerequisite(s): PSYC-1020. Corequisite(s): PSYC-2030L (lab). A lab fee will be applied. Cannot be held with SWRK-2730.*

PSYC-2040 Research Analysis in Psychology (3.0 credit hours) An introduction to basic techniques in data analysis for the social sciences, and their relation to specific research designs. Topics include descriptive statistics, predictive techniques, hypothesis testing and estimation, and inferential statistics. *Corequisite(s): PSYC-2040L (lab). A lab fee will be applied. Cannot be held with MATH-1000. CPA-approved preparatory course.*

PSYC-2050 Introduction to Qualitative Research in the Social Sciences (3.0 credit hours) This course provides an overview of the elements of qualitative research, including an examination of our beliefs about knowledge, the philosophical and theoretical stances used to inform research, and the strategies and techniques employed in qualitative research. We will examine contemporary methodologies (e.g., thematic analysis, ethnography, grounded theory) and practice research techniques through classroom exercises (e.g., interviewing, conducting focus groups, coding data). *Prerequisite(s): 18 credit hours credit hours of university-level studies. Cannot be held with the cross-listed course SOCI-2050.*

PSYC-2100 Social Cognition and Influence (3.0 credit hours) An examination of how we think about ourselves and about the people around us. Topics include social perception, our social selves, beliefs and judgments,

attitudes, conformity, and persuasion. *Prerequisite(s): PSYC-1020. Psychology Category: Social Processes.*

PSYC-2110 Social Relationships and Behaviour (3.0 credit hours) A study of how relationships are formed, maintained, and disrupted. Topics may include group dynamics, close relationships, prejudice, aggression, attraction, and conflict. *Prerequisite(s): PSYC-1020. Psychology Category: Social Processes.*

PSYC-2200 Developmental Psychology: Childhood (3.0 credit hours) A study of psychological development from prenatal life until puberty. Topics include personality and social development, perceptual and cognitive development, language, intelligence, and moral development. *Prerequisite(s): PSYC-1010. Psychology Category: Developmental.*

PSYC-2210 Developmental Psychology: Adolescence (3.0 credit hours) A study of major psychological development from puberty through emerging adulthood. Topics may include the history of theory and research into adolescence, family structures, parent and peer influences, sex role development, identification, cognitive development, and youth culture. *Prerequisite(s): PSYC-1010. Psychology Category: Developmental.*

PSYC-2220 Developmental Psychology: Adulthood (3.0 credit hours) A study of psychological development and adjustment during adulthood and aging. Topics include normal aging processes, family relationships, work and retirement, health concerns, life satisfaction, and end of life issues. *Prerequisite(s): PSYC-1010. Psychology Category: Developmental.*

PSYC-2300 Cognitive Processes (3.0 credit hours) A study of the unique cognitive processes that determine our understanding of the external world (and its people). We will examine the processes of perception and attention, of learning and memory, of language production and comprehension, and of reasoning and decision making. Attention is given to both effective functioning and to the biases and distortions that influence our thinking. *Prerequisite(s): PSYC-1020. Psychology Category: Brain and Cognition.*

PSYC-2400 Counselling Theories (3.0 credit hours) An overview of current counselling theories, such as Psychoanalytic, Existential, Person-Centered, Gestalt, Reality, Behaviour, and Cognitive therapies. Attention will be given to their respective therapeutic processes and to a critical evaluation of each theory. *Prerequisite(s): PSYC-1020. Psychology Category: Health Psychology.*

PSYC-2410 Counselling Techniques (3.0 credit hours) Explores the formation of helping relationships, using the Human Relations Model of Helping, with a focus on self-understanding as a basis for effective communication

and understanding of human interactions. Topics will also include helping skills, helper characteristics, communication skills, barriers to communication, relationship establishment, ethics, and values clarification. *Prerequisite(s): PSYC-2400. Psychology Category: Health Psychology. Cannot be held with the cross-listed course SWRK-2410, or with SWRK-2420.*

PSYC-2700 Interpersonal Communication (3.0 credit hours) An examination of the multilevel communication processes that underlie and support social interaction and relationship formation and change. Special attention will be given to the differences and connections between verbal and nonverbal communication and to the rules and rituals of social interaction in everyday life. *Prerequisite(s): PCTS-1110, PSYC-1020, or SOCI-1110. Psychology Category: Social Processes. Cannot be held with the cross-listed course SOCI-2700.*

PSYC-2800 History of Psychology (3.0 credit hours) This course explores the intellectual and social contexts within which the diverse theories and models of the discipline have arisen. Major themes and trends will be analyzed, together with influential theorists and landmark studies. Most importantly, the assumptions underlying psychological explanations for human behaviour will be examined. *Prerequisite(s): PSYC-1020.*

PSYC-2810 Psychology of Gender (3.0 credit hours) This course provides an overview of the psychological study of gender and will provide a critical examination of assumptions about women and men, including the influences of gender stereotypes on psychological theory and research. Areas of interest include similarities and differences in cognition and emotion, societal understandings of femininity and masculinity, the nature and development of gender roles, gendered political and economic forces, and women's and men's movements. *Prerequisite(s): PSYC-1020. Psychology Category: Social Processes.*

PSYC-2950 Topics in Psychology (3.0 credit hours) The content of this course will vary from year to year, depending on the needs of students and the interests and availability of instructors. *Prerequisite(s): Will vary based on topics chosen for this course.*

PSYC-3000 Organizational Leadership (3.0 credit hours) Examination of the theory and practice of leadership and decision-making in organizations. Topics include trait, behavioural and situational models of organizational leadership, leadership as power and influence, and processes involved in the decision making of individuals and groups, large and small, formal and informal. Attention will also be given to development of skills in leadership. *Prerequisite(s): 30 credit hours of university-level courses. Cannot be held with the cross-listed course BUSI-3000.*

PSYC-3010 The Neuroscience of Social Behavior (3.0 credit hours) We explore the neural processes underlying important aspects of our social behavior. In seminar format, we will consider topics central to social psychology, reviewing landmark contributions from social neuroscience, and some of the cutting-edge findings in this burgeoning field of study. Topics include neuroscience perspectives on person perception, the need to belong, mortality salience, social pain, intergroup relations, anger, and aggression, and more. *Prerequisite(s): 12 credit hours in Psychology. Psychology Category: Brain and Cognition.*

PSYC-3020 Psychology of Motivation (3.0 credit hours) In this course, we survey recent trends in the psychological study of motivation. We consider contemporary social cognitive perspectives and the results of recent motivation research. Issues to be explored in depth include: expectancy-value theory, self-regulation and self-efficacy, attribution theory, intrinsic motivation, the roles of emotion and cognition, and influences of priming. *Prerequisite(s): 12 credit hours in Psychology. Psychology Category: Social Processes.*

PSYC-3220 Adult Development: Aging and Society (3.0 credit hours) A comprehensive study of aging in individual and societal contexts. We will look critically at the physical, cognitive, social, and psychological aspects of aging in society today as well as theories related to aging. We will touch on many topics related to aging and, where possible, we will listen to perspectives of older adults and persons who hold special knowledge about older adults. *Prerequisite(s): 30 credit hours of university-level studies. Psychology Category: Developmental.*

PSYC-3400 Abnormal Psychology (3.0 credit hours) An examination of current theory and research regarding abnormal human behaviour, and an attempt to understand psychological disorders within the context of human biology, development, and society. Topics may include stress and anxiety, affective disorders, psychophysiological and personality disorders, mental health, policy, and social issues. Both scientific explanation and phenomenology will be addressed. *Prerequisite(s): 30 credit hours of university-level studies, including PSYC-1020. Psychology Category: Health Psychology.*

PSYC-3430 Theories of Addiction, Models of Care (3.0 credit hours) This course will provide students with a historical understanding of the way societies understand and respond to addictions from Moral to Mutual Aid and Harm Reduction Models. Students will develop critical perspectives on how language, policies and interventions shape our understanding of addiction as well as learn about skills to engage in helpful facilitation in the field of substance misuse and abuse. Special attention will be given to how social work has been involved in related areas of practice and policy and how marginalized

communities have been harmed by society's responses to addiction. *Prerequisite(s): PSYC-2410, SWRK-2410, or SWRK-2420. Psychology Category: Health Psychology. Cannot be held with SWRK-3430.*

PSYC-3500 Psychology of Personality (3.0 credit hours)

A survey of traditional and modern approaches to explaining the underlying bases of personality structure and development, together with individual differences. Emphasis is placed on the interrelation of theory, assessment, and research, and on current themes in the study of personality. *Prerequisite(s): 30 credit hours of university-level studies, including PSYC-1020. Psychology Category: Health Psychology.*

PSYC-3600 Trauma and Resilience (3.0 credit hours) In this course, we explore varieties of psychological trauma, along with the history and current theories in the field (e.g., cognitive, neurobiological, clinical, and socio-cultural perspectives). Topics may include: the nature of trauma (via sexual abuse, combat, and natural disasters), how trauma affects individuals and systems, grief reactions, and traumatic stress. We may also consider responses to trauma, resilience, vicarious traumatization, disenfranchised grief, crisis intervention, comorbid disorders, and general treatments. *Prerequisite(s): 12 credit hours in Psychology. Psychology Category: Health Psychology. Cannot be held with the cross-listed course SWRK-3600, or with PSYC-3610 or SWRK-3610.*

PSYC-3610 Trauma Informed Social Work (3.0 credit hours) Many whom social workers encounter in practice have experienced trauma. As such, this course seeks to educate students about theories of trauma and how to intervene in ways that can ensure that they are able to provide the safety and support that people need to receive help that takes into account how trauma can affect both the social worker and others, especially various marginalized groups in society. Special attention will be given to the impact of intergenerational trauma that significantly impacts Indigenous people and others. This course will provide students with practical learning opportunities in order to effectively engage in trauma informed practice. *Prerequisite(s): 12 credit hours in Psychology or admission to the Social Work program. Cannot be held with the cross-listed course SWRK-3610, or with PSYC-3600 or SWRK-3600.*

PSYC-3800 Psychology and Christianity (3.0 credit hours) Both Christian belief and psychological theory have much to say about human nature, about what/ how we can know, and about how we should think and behave. There are many points of agreement and of conflict. This course represents a re-consideration of various psychological theories and well-known research findings from Christian perspectives. *Prerequisite(s): 12 credit hours in Psychology.*

PSYC-3950 Topics in Psychology (3.0 credit hours) The content of this course will vary from year to year, depending on the needs of students and the interests and availability of instructors. *Prerequisite(s): A minimum of 30 credit hours of university-level studies. Specific course prerequisites will vary based on the topics chosen for this course.*

PSYC-4010 Senior Seminar Identity and Intersectionality (3.0 credit hours)

This course critically examines the complex and diverse ways intersectionality is used as an interpretive framework across disciplines to examine identity. We will explore how intersectionality can be understood as a paradigm, theory, concept, practice, and methodology to study identity. This course will consider how gender, sex, culture, faith and religion, class, ability, and political realities are factors in identity, and we will examine how identity and intersectionality connect to histories of violence and oppression, as well as to human survival, persistence, and resistance. *Prerequisite(s): 60 credit hours of university-level studies, including 12 credit hours in Psychology or Peace and Conflict Transformation Studies. Psychology Category: Social Processes. Cannot be held with the cross-listed course PCTS-4010.*

PSYC-4030 Qualitative Inquiry in the Social Sciences

(3.0 credit hours) Examination of principles and procedures for conducting qualitative research in the social sciences. Topics include: the assumptions that inform qualitative research designs; procedures for gathering meaningful data through interviews, observation, and textual archives; the analysis of such data; and ethical issues pertaining to the research endeavour. *Prerequisite(s): 60 credit hours of university-level studies, including 12 credit hours in social sciences. Cannot be held with the cross-listed course SOCI-4030.*

PSYC-4940 Independent Study in Psychology (3.0 credit hours)

A study in a specific area of Psychology under the direction of a faculty member. *Prerequisite(s): A minimum of 60 credit hours of university-level studies, including 15 credit hours in psychology plus permission of instructor.*

PSYC-4950 Topics in Psychology (3.0 credit hours)

The content of this course will vary from year to year, depending on the needs of students and the interests and availability of instructors. *Prerequisite(s): 60 credit hours of university-level studies. Additional prerequisites will vary based on the topics chosen for this course.*

Religion

RLGN-1700 Religious Traditions of the World I (3.0 credit hours)

A survey of living religious traditions from Indigenous communities in the Americas, and those originating in Asia, including Hinduism, Buddhism,

Daoism, and Confucianism, in terms of their development, ideas, and diverse practices and expressions. Includes reflection on the strengths and limitations which these religious traditions offer toward meeting challenging issues within local and global communities.

RLGN-1710 Religious Traditions of the World II (3.0 credit hours) A survey of living religions from African Indigenous communities, and those originating in the ancient Near East, including Judaism, Islam, and Christianity (especially in its non-Western forms) in terms of their development, ideas, and diverse practices and expressions. Includes reflection on the strengths and limitations which these religious traditions offer towards meeting challenging issues within local and global communities.

Social Work

SWRK-1000 Exploring Social Work Practice (3.0 credit hours) This course is an introduction to the profession of social work. It will examine the history and theoretical evolution of social work practice through a critical lens. The enduring core competencies and values of social work will be examined. Attention will be given to the roles that social workers play in today's society.

SWRK-2000 Social Welfare (3.0 credit hours) This course examines the interplay between social theories and social services to provision human needs. We will explore how economic, political, and ethical ideas about society and human nature shape the development and delivery of social services. Through a critical lens, we will survey the history of social welfare in Canada and analyze the functions and challenges of major social welfare institutions. *Cannot be held with the cross-listed courses POLS-2000 or SOCI-2000, or with POLS-2010 or SWRK-2010.*

SWRK-2010 Welfare in Canada: Origins and Current Challenges (3.0 credit hours) This course will explore the historical and contemporary understandings of the contemporary welfare state. The history of welfare as it has emerged and been shaped by Anglophone, Francophone and Indigenous peoples will be the focus. Students will be challenged to reflect on their own privilege and bias via Anti-Oppressive, Anti-Capitalist and Indigenous perspectives of the role of the state in providing welfare. *Open to non-Social Work students. Cannot be held with the cross-listed course POLS-2010, or with POLS-2000, SOCI-2000, or SWRK-2000.*

SWRK-2200 Decolonizing Human Behaviour in the Social Environment I (3.0 credit hours) Indigenous, Anti-Colonial and non-Western theories are introduced to challenge a colonizing view of human nature, behaviour, and action. These theories span the social work landscape from Micro to Macro, from Individual (and Individualist)

to group, community (and collectivist) perspectives. *Prerequisite(s): SWRK-1000. Open to non-Social Work students.*

SWRK-2221 Social Work and Restorative Justice (3.0 credit hours) Identifies the principles of restorative justice and explores the application of these principles. Includes a critical assessment of victim-offender mediation, and the application of restorative principles within the criminal justice system, as they affect victims, offenders, and the community. Alternative models of the justice system as a whole will also be considered. *Prerequisite(s): PCTS-1110 or SWRK-1000. Open to non-Social Work students. Cannot be held with the cross-listed course PCTS-2221.*

SWRK-2410 Counselling Techniques (3.0 credit hours) Explores the formation of helping relationships, using the Human Relations Model of Helping, with a focus on self-understanding as a basis for effective communication and understanding of human interactions. Topics will also include helping skills, helper characteristics, communication skills, barriers to communication, relationship establishment, ethics, and values clarification. *Prerequisite(s): PSYC-2400 or admission to the Social Work program. Open to non-Social Work students. Cannot be held with the cross-listed course PSYC-2410, or with SWRK-2420.*

SWRK-2420 Listening to and Supporting Others (3.0 credit hours) This course will be an introduction to skill-based practice. Students will learn skills of active listening, organizing and developing initial assessments, including but not limited to social histories and mental health assessments. Theoretical knowledge will include strength-based perspectives, reflexive practice, and basic mental health literacy, including how models of crisis intervention can be utilized by social workers to effectively serve others. *Prerequisite(s): PSYC-2400 or admission to the Social Work program. Open to non-Social Work students. Cannot be held with the PSYC-2410 or SWRK-2410.*

SWRK-2730 Research Methods in Social Work (3.0 credit hours) Social Science Research Methods course from a Social Work perspective. Topics such as the design and collection of data, evaluation and analysis are geared towards developing literacy for understanding social science research, including Indigenous research. Further topics include but are not limited to ethics in research, with special focus on Indigenous issues regarding research itself. *Prerequisite(s): PSYC-1020. Open to non-Social Work students. Cannot be held with PSYC-2030.*

SWRK-3120 Cultures of Violence, Cultures of Peace (3.0 credit hours) A multi-layered examination of peace and violence from the perspective of culture, addressing questions such as: How are attitudes towards peace and violence reflected in the way cultures enact discipline,

security, education, reconciliation, etc.? How are peace and violence reflected in expressions of popular culture and various sub-cultures? How are peace and violence modelled in relationships between different cultures? How might the very idea of culture be questioned through the lens of peace? *Prerequisite(s): 30 credit hours of university-level study, including PCTS-1110 or SWRK-1000. Cannot be held with the cross-listed course PCTS-3120.*

SWRK-3200 Decolonizing Human Behaviour in the Social Environment II (3.0 credit hours) This course seeks to make strange the assumptions about human behaviour. Students will learn about Western models used to explain human behaviour within a bio-psycho-social-spiritual framework and are encouraged to reflect on how this helps understand ideology driving both medical and welfare-oriented practice. These theories span the social work landscape from micro to macro, from individual (and individualist) to group, community (and collectivist) perspectives. *Prerequisite(s): SWRK- 2200. Open to non-Social Work students.*

SWRK-3210 Indigenous People and Social Work Practice (3.0 credit hours) This course is an Indigenous-led and centred course. Students will gain a deeper understanding of both historical and contemporary harms due to colonization as well as appreciating the rich and diverse cultural traditions and the resurgence of local Indigenous peoples. Various approaches to learning will be included that embody Indigenous ways of knowing and challenge students to consider how they will incorporate this learning into their future social work, including models of practice that place emphasis on respect for and honouring of land, land-based pedagogy, Indigenous ways of healing, and ecological justice. *Prerequisite(s): Admission to the Social Work program.*

SWRK-3220 Criminology/Victimology and Social Work Practice (3.0 credit hours) This course will prepare students to understand and navigate the legal system, including how to effectively advocate for and support those impacted by the system of law enforcement. Students will learn about and critique various theories of crime and their impact on the role of the state in the development and enforcement of legislation. Students will learn to critically examine their own positionality and assumptions about crime and the legal fiction in order to be effective supports and advocates to those most impacted by the system of law enforcement. *Prerequisite(s): SWRK-1000 and admission to the Social Work program.*

SWRK-3300 Environmental Justice and Social Work Practice (3.0 credit hours) Students will learn about the ways that climate change has and will continue to impact people's lives. This includes but is not limited to learning about Climate refugees, Environmental Racism, and Ecological Anxiety and exploring the role social work ought to play to address these issues. Students will learn

about the challenges for social work in reconciling its own failure to centre the environment. Students will learn about both Indigenous and non-Indigenous approaches to addressing climate change and be challenged to consider how social work can become involved. *Prerequisite(s): SWRK-1000. Open to non-Social Work students.*

SWRK-3400 Critical Praxis and Anti-Oppressive Social Work Practice for Groups, Organizations and Communities (3.0 credit hours) Students will learn about Group interventions including task and process groups via both mainstream and critical, anti-oppressive approaches. This course will look at how to engage in both clinical as well as organizational change work. Skills include effective networking and related skills for the human relations component of administrative, community, and organizing work including community asset mapping. Theories of practice will touch on Critical Praxis, including Indigenous, Anti-Oppressive Practice (AOP), Feminist, Structural oriented interventions. *Prerequisite(s): PSYC-2410, SWRK-2410, or SWRK-2420, and admission to the Social Work program.*

SWRK-3410 Clinical Social Work Practice: Theories for Working with Individuals (3.0 credit hours) This course is designed to expose students to theories of clinical practice with Individuals. As social workers, there is a need to be familiar with clinical approaches in order to facilitate access to resources for those with whom they are engaging in the helping relationship. Students will learn about advanced approaches for individual interventions including CBT, DBT and Motivational Interviewing. Skills include clinical engagement for mental well-being of others, and clinical documentation. Trauma Informed, Strength Based, and client centered perspectives will be taught. *Prerequisite(s): PSYC-2410, SWRK-2410, or SWRK-2420, and admission to the Social Work program.*

SWRK-3420 Gerontological Social Work Practice (3.0 credit hours) Social work practice in the field of gerontology is the focus in this course. Students will learn about theories of aging. They will explore the unique challenges of this population, including aging specific knowledge related to mental health, physical concerns, spirituality, and family dynamics. They will engage in both clinical and policy related applications. Students will engage in discussion and reflection on the cultural factors influencing how aging is perceived, its impact on policies, and impact on social work practice. *Prerequisite(s): PSYC-2410, SWRK-2410, or SWRK-2420, and admission to the Social Work program.*

SWRK-3430 Theories of Addiction, Models of Care (3.0 credit hours) This course will provide students with a historical understanding of the way societies understand and respond to addictions from Moral to Mutual Aid and Harm Reduction Models. Students will develop critical

perspectives on how language, policies and interventions shape our understanding of addiction as well as learn about skills to engage in helpful facilitation in the field of substance misuse and abuse. Special attention will be given to how social work has been involved in related areas of practice and policy and how marginalized communities have been harmed by society's responses to addiction. *Prerequisite(s): PSYC-2410, SWRK-2410, or SWRK-2420. Open to non-Social Work students. Cannot be held with the cross-listed course PSYC-3430.*

SWRK-3440 Disability, Madness, and Social Work (3.0 credit hours) This course will orient students to common mainstream theories such as the medical model in order to understand and critically examine alternatives offered via the fields of Mad Studies, Anti-Psychiatry, and the Social Model of Disability. Student are encouraged to develop their own ideas of how to engage in this field of practice that centers the lived experience of those most directly impacted by the mental health system. Students will be able to demonstrate skills including how to perform a mental status assessment while critically reflecting on the limitations of this field of practice and the challenges in bringing about a mental health practice that is more humane, destigmatized, and decolonised. *Prerequisite(s): PSYC-2410, SWRK-2410, or SWRK-2420. Open to non-Social Work students.*

SWRK-3450 2SLGBTQIA+ and Social Work Practice (3.0 credit hours) Students will learn about theories of gender and sexuality and identity from non-Western, Indigenous, and Western approaches to challenge their own understanding of these and to increase their ability to be present and open to the experience of others. As part of this experience, students will be challenged to reflect on their own positionality including the impact of worldview, spirituality, and faith as they learn about the history of and ongoing experiences of 2SLGBTQIA+. *Prerequisite(s): SWRK-1000 and admission to the Social Work program.*

SWRK-3460 Immigration, Refugees and Newcomers (3.0 credit hours) This course will explore both theories of practice and educate students about the experiences of these populations in coming to Canada. Students will explore how anti-racist and decolonizing theories provide guidance on best practices as well as the unique challenges experienced by populations coming from Francophone countries. This includes highlighting the importance of understanding what is meant with 'Active Offer.' *Prerequisite(s): PSYC-2410, SWRK-2410, or SWRK-2420, and admission to the Social Work program.*

SWRK-3600 Trauma and Resilience (3.0 credit hours) In this course, we explore varieties of psychological trauma, along with the history and current theories in the field (e.g., cognitive, neurobiological, clinical, and socio-cultural perspectives). Topics may include: the nature of trauma (via sexual abuse, combat, and natural disasters),

how trauma affects individuals and systems, grief reactions, and traumatic stress. We may also consider responses to trauma, resilience, vicarious traumatization, disenfranchised grief, crisis intervention, comorbid disorders, and general treatments. *Prerequisite(s): 12 credit hours in Psychology or admission to the Social Work program. Cannot be held with the cross-listed course PSYC-3600, or with PSYC-3610 or SWRK-3610.*

SWRK-3610 Trauma Informed Social Work (3.0 credit hours) Many whom social workers encounter in practice have experienced trauma. As such, this course seeks to educate students about theories of trauma and how to intervene in ways that can ensure that they are able to provide the safety and support that people need to receive help that takes into account how trauma can affect both the social worker and others, especially various marginalized groups in society. Special attention will be given to the impact of intergenerational trauma that significantly impacts Indigenous people and others. This course will provide students with practical learning opportunities in order to effectively engage in trauma informed practice. *Prerequisite(s): 12 credit hours in Psychology or admission to the Social Work program. Open to non-Social Work students. Cannot be held with the cross-listed course PSYC-3610, or with PSYC-3600 or SWRK-3600.*

SWRK-3800 Holistic Ethical Practice (3.0 credit hours) Students will be introduced to a variety of approaches to ethical practice. This includes a historical overview of traditional approaches which tend to be found in professional social work codes of ethics as well as paradigms of an ethic of care that challenge a western, colonized notion of the self and our location within the social and natural world. Students are encouraged to engage in debate and critical examination of their future role in social work practice that includes how faith and spirituality shape understandings of moral action, behavior and decision making. *Prerequisite(s): 12 credit hours in Social Work and admission to the Social Work program. Recommended prerequisite(s): SWRK-3900.*

SWRK-3900 Social Work Field Practicum I (6.0 credit hours) Students will be attending a field placement where they will be able to learn about direct practice. The use of skills and approaches to care will be further developed via learning in the field setting, under the supervision of experienced practitioners and in consultation with their field liaison. The placement will span two semesters and will require students to be at the placement for two days a week (eight hours each day). *Prerequisite(s): PSYC-2410, SWRK-2410, or SWRK-2420, and admission to the Social Work program. Corequisite(s): SWRK-3400 and SWRK-3910. Cannot be held with SWRK-3990.*

SWRK-3910 Social Work Field Seminar I (3.0 credit hours) Students will meet with peers and a faculty member for the purpose of discussing and reflecting on

their practicum experience via integrating course-based content into practice. Course objectives include the focus on developing a professional sense of self in the context of social work education as well learning about the profession in practice. *Prerequisite(s): PSYC-2410, SWRK-2410, or SWRK-2420, and admission to the Social Work program. Corequisite(s): SWRK-3400 and SWRK-3900. Cannot be held with SWRK-3990.*

SWRK-3990 PLAR: Social Work Field Practicum (9.0 credit hours) Students may have the opportunity to complete a prior learning and assessment review (PLAR) based on a determination by the field education program in lieu of completing their first field placement. This course involves the completion of pedagogic exercises to assess and evaluate learning integration from social work classes with prior experiences in the field of practice. *Prerequisite(s): PSYC-2410, SWRK-2410, or SWRK-2420, and admission to the Social Work program. Cannot be held with SWRK-3900 or SWRK-3910.*

SWRK-4000 Social Work Today (3.0 credit hours) Topics will be introduced that challenge the student to apply prior knowledge of policy, welfare and the political ideologies that influence the way society views those most marginalized. While not exhaustive, topics will include the Truth and Reconciliation process (recommendations, responses and outcome), Francophone related issues (e.g. French speaking immigrants and the idea of first offer), discrimination of 2SLGBTQIA+, Disability Rights, the feminization of poverty, Criminal Justice, and more as students learn to engage in policy making and reform. *Prerequisite(s): POLS-2000, POLS-2010, SOCI-2000, SWRK-2000, or SWRK-2010, and admission to the Social Work program.*

SWRK-4010 Gender, Patriarchy, and the Indian Act: How a Legal Framework has Impacted Indigenous Identities (3.0 credit hours) This course uses the *Indian Act* to understand how Indigenous peoples of Turtle Island have been forced to accept a colonized mindset about gender, gender relations, and hierarchy. Students will learn to apply feminist, queer, Indigenous, and anti-colonial perspectives to understand the mechanisms of social engineering while learning about how policies are developed and made. In so doing, students will be challenged to reflect on how 2SLGBTQIA+ people are being harmed by settler/colonial worldviews and how these contribute to MMIWG2S people. By engaging with these theories and concepts, students will develop an understanding of critical analysis of policies and their real-world impact on human flourishing. *Prerequisite(s): POLS-2000, POLS-2010, SOCI-2000, SWRK-2000, or SWRK-2010. Open to non-Social Work students.*

SWRK-4400 Family Foundations (3.0 credit hours) This course seeks to center the idea of family preservation and reunification. Students will be introduced to social work-related and non-western theories and interventions

related to attachment, trauma-informed care, and All of My Relations. They will learn about and critique various models of child welfare and explore the role of family preservation and reunification from within and outside of the child welfare system. Tools for working with families will be explored. This course includes experiential learning regarding developing skills for group, family, and child welfare fields of practice. *Prerequisite(s): PSYC-2410, SWRK-2410, or SWRK-2420, and admission to the Social Work program. Recommended prerequisite(s): SWRK-3400.*

SWRK-4410 Engaging the World (3.0 credit hours) Students will be exposed to theories of community, both natural and the imposed (e.g., professional at places of work). The aim is to challenge students to critically examine how communities develop, are fostered and engaged with in order to address social issues, facilitate improved public health, and promote a better world for all. Theories of resiliency are examined and critiqued, from Anti-Oppressive and other Critical Praxis approaches. Skills include community organizing, teaching oppressed communities how to empower themselves (e.g., how to record the police etc., engage in public speaking, media communication). Topics will include MMIWG2S, Environmental Justice, BLM and RLM, Pride, Make Poverty History, and more as illustrations and lessons in how to engage in change. *Prerequisite(s): POLS-2000, POLS-2010, SOCI-2000, SWRK-2000, or SWRK-2010. Open to non-Social Work students.*

SWRK-4900 Social Work Field Practicum II (6.0 credit hours) This is the second field placement where students will be able to further develop their learning about direct social work practice. The use of skills and approaches to care will be further developed via learning in the field setting, under the supervision of experienced practitioners and in consultation with their field liaison. The placement will span two semesters and will require students to be at the placement for two days a week (eight hours each day). *Prerequisite(s): SWRK-3900, SWRK-3910, and admission to the Social Work program. Corequisite(s): SWRK-4910.*

SWRK-4910 Social Work Field Seminar II (3.0 credit hours) Students will continue to meet with peers and a faculty member for the purpose of discussing and reflecting on their practicum experience via incorporating course-based content into practice. Course objectives include the focus on developing a professional sense of self in the context of social work education as well learning about the profession in practice. This includes project-based learning where students will be making a presentation about their understanding of social work, their own development in this field and their goal for social work practice. *Prerequisite(s): SWRK-3900, SWRK-3910, and admission to the Social Work program. Corequisite(s): SWRK-4900.*

Sociology

Sociology is the systematic study of human society. Topics covered include culture, socialization, groups and organizations, social processes, community, social stratification, social change, and major institutions such as religious, economic, educational, or health care institutions, and the family. The sociological perspective will be illustrated by analyzing Canadian society in the context of the global community. At CMU, students are challenged to think about how their faith and beliefs are shaped by society, and about how their faith and beliefs have the potential to shape society. Knowledge of sociology helps students understand themselves, others, and the systems within which they work and live.

A major in Sociology will prepare students for careers in areas such as social welfare, criminal justice, government, research, industrial relations, and administration. Students may choose courses in Sociology to fulfill requirements for social sciences or general electives in any degree program. Students who wish to concentrate in this subject field may choose a major or a minor, either in the four year or the three-year Bachelor of Arts. For details regarding the requirements of these programs, see the ACADEMIC PROGRAMS section of this calendar.

SOCI-1110 Introduction to Sociology (3.0 credit hours) This course provides an introduction to sociology through the study of society, social institutions, group behaviour, and social change as guided by a range of theoretical and conceptual resources. It will place emphasis on using sociological thinking to understand a broad range of contemporary social behaviours.

SOCI-2000 Social Welfare (3.0 credit hours) This course examines the interplay between social theories and social services to provision human needs. We will explore how economic, political, and ethical ideas about society and human nature shape the development and delivery of social services. Through a critical lens, we will survey the history of social welfare in Canada and analyze the functions and challenges of major social welfare institutions. *Cannot be held with the cross-listed courses POLS-2000 or SWRK-2000, or with POLS-2010 or SWRK-2010.*

SOCI-2020 Communities and Organizations (3.0 credit hours) Examines the characteristics and interactions of communities and organizations (e.g., service, advocacy, NGOs, government agencies) in light of sociological theory. Critical attention will be devoted to structural responses to social issues such as childcare, immigration, housing, unemployment, disability, healthcare, aging, and poverty.

SOCI-2030 Inter-Cultural Theory and Practice (3.0 credit hours) This course introduces the theoretical and methodological issues in inter-cultural study. Attention

will be given to cultural translation, cultural encounters between groups, concomitant cultural appropriations, cross-fertilizations, transnational influence, identity, and resistance.

SOCI-2050 Introduction to Qualitative Research in the Social Sciences (3.0 credit hours) This course provides an overview of the elements of qualitative research, including an examination of our beliefs about knowledge, the philosophical and theoretical stances used to inform research, and the strategies and techniques employed in qualitative research. We will examine contemporary methodologies (e.g., thematic analysis, ethnography, grounded theory) and practice research techniques through classroom exercises (e.g., interviewing, conducting focus groups, coding data). *Prerequisite(s): 18 credit hours of university-level studies. Cannot be held with the cross-listed course PSYC-2050.*

SOCI-2060 Sociology of Gender (3.0 credit hours) The study of gender from a sociological perspective develops an appreciation for how social structure, institutions, and culture shape gender roles and the lives of those who play these roles; and for how, at the same time, gender roles shape culture, institutions, and social structure. This course will also attend to the inherent or constructed debate about gender roles, the role of the media in shaping gender, and the intertwining of gender and family, politics, work, and religion. *Prerequisite(s): SOCI-1110.*

SOCI-2100 Sociology of Religion (3.0 credit hours) This course will explore religious beliefs, practices, and institutions from a sociological perspective with attention to North American society and beyond. In recognition that the content and structure of religion is influenced by the socio-cultural world (language, symbols, groups, norms, interactions, resources, institutions, etc.) within which it exists, this course will attempt to understand the interplay between faith and society. The sociology of religion also attempts to understand how religion influences the social environment in which it is embedded. *Prerequisite(s): SOCI-1110.*

SOCI-2425 Degrowth and Political Ecology (3.0 credit hours) Contemporary social, ecological, and financial challenges might be viewed as symptoms of a deeper spiritual and cultural conflict: separation from one another, our inner-beings, and the land. We will examine adaptive (and maladaptive) governance and lifestyle possibilities that might foster re/connections to people and place. Themes include the appropriate use of technology, the concept of work, traditional knowledge, gift cultures, the social safety net, alternative financial instruments, biological infrastructure, and other examples from around the world. *Prerequisite(s): SOCI-1110. Cannot be held with the cross-listed course POLS-2425.*

SOCI-2600 Social and Political Philosophy (3.0 credit hours) What is human nature? Should society be organized to reflect this? What is justice? Are states coercive by nature? How does property inform politics? What is ethical citizenship? These questions are explored through a survey of Western political thinkers including Plato, Aristotle, Machiavelli, Hobbes, Locke, Rousseau, de Gouges, Burke, Wollstonecraft, Mill, and Marx, and by examining their contemporary legacy. *Cannot be held with the cross-listed courses PHIL-2600 or POLS-2600.*

SOCI-2700 Interpersonal Communication (3.0 credit hours) An examination of the multilevel communication processes that underlie and support social interaction and relationship formation and change. Special attention will be given to the differences and connections between verbal and nonverbal communication and to the rules and rituals of social interaction in everyday life. *Prerequisite(s): PCTS-1110, PSYC-1020, or SOCI-1110. Cannot be held with the cross-listed course PSYC-2700.*

SOCI-2920 Gender, Sexuality, and Theology (3.0 credit hours) An exploration of gender relationships in church and society with a particular attention to how the category (experience of gender) has shaped and influenced society and Christian faith and practices, and conversely, how the Christian faith and society have influenced gender and the embodiment of human sexuality. *Cannot be held with the cross-listed course BTS-2920.*

SOCI-2950 Topics in Sociology (3.0 credit hours) The content of this course will vary from year to year, depending on the needs of students and the interests and availability of instructors.

SOCI-3000 Politics, Society, and Mass Media (3.0 credit hours) This course examines the relationship between the mass communications media and the political and social processes in which they operate, investigating the state of research on mass media, the role of media in creating and shaping political awareness, and in influencing human behaviour and values. Examples of topics which may be covered are: media ownership and organization patterns, media in the electoral process, the media in developing nations, the media and globalization, propaganda, media freedom and public opinion. *Prerequisite(s): 30 credit hours of university-level studies, including 6 credit hours in social science. Cannot be held with the cross-listed courses COMM-3000 or POLS-3000.*

SOCI-3100 Ethical Living in a Technological Society (3.0 credit hours) This course will examine the implications of living in a technological society for our understandings of self, society, and Christian faith. The course will explore the historical roots of modern technology and the closely related domains of science and economics as well as a range of related philosophical, historical, psychological, and sociological critiques.

Emphasis will be placed on identifying creative options for living “faithfully” within a technological society. *Prerequisite(s): 30 credit hours of university-level study, including SOCI-1110. Cannot be held with the cross-listed course PHIL-3100.*

SOCI-3521 Study of Simple Living (3.0 credit hours) Within International Development Studies, development is increasingly understood as a participatory, deliberate process aimed at enhancing the quality of life for individuals within social and ecological communities. This course examines the concepts, theories, and practices of simple living as an everyday, ordinary practice for individuals seeking alternatives to consumer values and culture. The course explores the roots of simple living and its modern expressions, with special emphasis on the relevance of simple living for building emotional well-being, vibrant communities, resilient ecological systems, and practices that contribute to social justice in a globalizing world. *Prerequisite(s): 30 credit hours of university-level study. Cannot be held with the former IDS-2521, or the cross-listed courses ENVS-3521 or IDS-3521.*

SOCI-3700 The City and the Soul: Encountering Winnipeg Through *The Wire* (3.0 credit hours) This course takes up the longstanding analogy of the city and the soul and explores it in the context of the contemporary city. Through an extended reading of *The Wire*—a critically acclaimed TV drama about the city—it invites students to reflect on what it might mean to pursue the good life in Winnipeg. *Prerequisite(s): 30 credit hours of university-level study, including 6 credit hours of Philosophy. Cannot be held with the cross-listed courses BTS-3700 or PHIL-3700.*

SOCI-3910 Music and Locality (3.0 credit hours) Most of us live our lives around and through music. We listen alongside many everyday activities—commuting, exercising, studying, cooking—but music is also at the heart of how we connect with friends, family, and our communities. This course centers musical practices as significantly meaningful, going beyond ideas of music as just entertainment or art, in order to explore people’s social relationships, personal and communal values, and music’s role in overall human flourishing. Students will engage in ethnographic investigations and qualitative analyses of local music scenes in Winnipeg, applying a variety of theories from sociology, media studies, and music to these local contexts and practices. *Prerequisite(s): 30 credit hours of university-level study. Cannot be held with the cross-listed course MUSC-3910.*

SOCI-3950 Topics in Sociology (3.0 credit hours) The content of this course will vary from year to year, depending on the needs of students and the interests and availability of instructors. *Prerequisite(s): 30 credit hours of university-level study, including SOCI-1110.*

SOCI-4030 Qualitative Inquiry in the Social Sciences

(3.0 credit hours) Examination of principles and procedures for conducting qualitative research in the social sciences. Topics include: the assumptions that inform qualitative research designs; procedures for gathering meaningful data through interviews, observation and textual archives; the analysis of such data; and ethical issues pertaining to the research endeavour. *Prerequisite(s): 60 credit hours of university-level studies, including 12 credit hours in social sciences. Cannot be held with the cross-listed course PSYC-4030.*

SOCI-4100 Senior Seminar in Social Change (3.0 credit

hours) In this capstone seminar, students review and compare inter-disciplinary and discipline-based approaches to social change, including issues in peacebuilding and conflict transformation, social and economic development, environmental sustainability, and democratization and social movements. Using a seminar format, students will examine contending theories of social change, and address questions of

power, interpretation, ethics, commitments, and virtues in understanding and working for social change. These examinations will allow students to explore ways of integrating theories and practices and articulate their own understanding and ethics of social change. *Prerequisite(s): 60 credit hours of university level studies, including 18 credit hours in GEOG, IDS, PCTS, POLS, SOCI, or PSYC. It is recommended that the practicum requirement be completed prior to taking this course. Cannot be held with the cross-listed courses IDS-4100, PCTS-4100, or POLS-4100.*

SOCI-4940 Independent Study in Sociology (3.0 credit

hours) A study in a specific area of Sociology under the direction of a faculty member. *Prerequisite(s): 60 credit hours of university-level studies, including SOCI-1110, and additional 9 credit hours in Sociology.*