Courses at a Glance

Spring/Summer 2018-2019
BTS/PCTS-3895C Indigenous Perspective on Salvation, Repentance, Peace, Justice (CSOP)
BTS/PCTS-3895C Justice, Peacebuilding, and a Theology of Struggle (CSOP)
BTS-4495 Topics – Practices, Rituals, and the Christian Imagination
BTS-4495M Topics – Cross-Cultural Missions
BTS-4495M Topics – Anabaptist Spirituality
BUSI/PCTS/IDS-3950C Building Change with Human-Centred Design (CSOP)
CHEM-3110 Biochemistry II – Catabolism, Synthesis, & Metabolic Pathway
IDS/PCTS/BUSI-3950C Alternative Approaches to Monitoring and Evaluation (CSOP)
PCTS/BUSI-2190C Peace Skills Practice (CSOP)
PCTS/MUSC/SOCI-3950C Making Music, War, and peace (CSOP)
PCTS/PSCY-3950C Trauma, Peacebuilding, and Resilience - Level 1 (CSOP)
PCTS-3950C Generous Dissent: Nonviolent Activism and Resistance (CSOP)

Fall/Winter/Summer 2019-2020
Academic Writing
ACWR-1010 Writing for Academic Purposes

Anthropology
SOCI/ANTH-1120W Introduction to Sociological and Anthropological Perspectives

Biblical and Theological Studies
BTS-1110 Biblical Literature and Themes
BTS-1130 Introducing Jesus – An Overview of the Christian Bible
BTS-2000W Introduction to Christianity
BTS-2160 The Psalms
BTS-2230 Biblical Perspectives on Peace and Justice
BTS-2310 Issues in Youth Ministry
MUSC/BTS-2310 Hymnology – The History of Congregational Song
BTS-2420M Exploring Christian Spirituality
BTS-2550W History of Christianity
BTS-2560W Anabaptist Beginnings
BTS-2800W Theology of Peace and Justice

To view the course timetable go to: cmu.ca/timetable

BTS-2895 Topics - Theology and Art
PHIL/BTS-2950W Topics – Disability and Difference: Philosophical and Theological Perspectives
PHIL/BTS/ENGL-3120 Dante – The Divine Comedy
BTS-3295 Topics – Isaiah
BTS-3295 Topics – Feminist Perspectives on Bible and Theology
BTS-3340 Ministry Seminar
BTS-3450 Theologies of Power
BTS-3595 Topics – Anabaptism – From Europe to the Globe
BTS/PCTS-3895 Topics – Faith and Toleration
BTS/PCTS-3895C Does Religion Cause Violence?
ENGL/BTS-3950 Topics – Literature and Theology
SOCI/BTS-3950 Topics – Queer Theory
BTS-3995 Topics – Consumption and Desire
BTS/POLS-3995 Topics – Religion and Politics
BTS-4295 Topics – Paul and His Letters
BTS-4295 Topics – From Creation to New Creation: Biblical Visions of the ‘End’
BTS-4295M Topics – Principles of Biblical Interpretation
BTS-4295M Topics – The Pentateuch
BTS-4430 Christian Spirituality
BTS-4495 Topics – Equipping the Saints: Education and Faith Formation
BTS-4495M Topics – Prayer
BTS-4595 Topics – Reading Christian Classics
BTS-4895 Topics – Anabaptist Peace Theology
BTS-4895 Topics – Theological Ethics
BTS/PHIL-4895 Topics – The Secular
ENGL/BTS-4950W Topics – George Herbert and the End of the Book

Biology
BIOL-1010 The Evolutionary and Ecological Revolution
BIOL-1020 The Genetic Revolution
BIOL-1310 Cells and Energy
BIOL-1310L Cells and Energy Lab
BIOL-1320 Diversity of Life
BIOL-1320L Diversity of Life Lab
BIOL-1350 Microbes, Health, and Illness
BIOL-1360 Anatomy of the Human Body
BIOL-1360L Anatomy of the Human Body Lab
BIOL-1370 Physiology of the Human Body
BIOL-1370L Physiology of the Human Body Lab
BIOL-2100 Genetics of Eukaryotes and Bacteria
BIOL-2100L Genetics of Eukaryotes and Bacteria Lab
BIOL-2510 Ecology I
BIOL-2510L Ecology I Lab
BIOL-3510 Ecology II

Business & Organizational Administration
BUSI-1000 Introduction to Business and Organizational Administration
BUSI-2000 Introductory Financial Accounting
BUSI-2000L Introductory Financial Accounting Lab
BUSI-2010 Introductory Managerial Accounting
BUSI/PSYC-2020 Organizational Behaviour
BUSI/POLS-2040 Business and Labour Law
BUSI-2050 Fundamentals of Marketing
BUSI/COMM-2080W Business and Organizational Communications
BUSI/PSYC-3000 Organizational Leadership
BUSI/MATH-3040 Quantitative Methods in Business and Organizational Administration
BUSI/COMP-3050 Management Information Systems
BUSI-3060 Operations Management
BUSI-3100 Financial Management
BUSI-3200 Human Resource Management
PCTS/BUSI-3950C Leading in an Age of Polarization
BUSI-4010 Strategic Management
BUSI-4020 Business and Organizational Policy

Chemistry
CHEM-1010 Structure and Modeling in Chemistry
CHEM-1010L Structure and Modeling in Chemistry Lab
CHEM-1020 Physical Chemistry
CHEM-1020L Physical Chemistry Lab
CHEM-2010 Organic Chemistry I – Structure and Function

*See course timetable for specific course number to use when registering.
Courses at a Glance

CHEM-2010L Organic Chemistry I – Structure and Function Lab
CHEM-2020 Organic Chemistry II – Reactivity and Synthesis
CHEM-2020L Organic Chemistry II – Reactivity and Synthesis Lab
CHEM-2110 Biochemistry I – Biomolecules and Metabolic Energy
CHEM-2110L Biochemistry I – Biomolecules and Metabolic Energy Lab

Communications and Media
COMM-1000 Introduction to Communications and Media
COMM-2015 Media Skills – Live Audio and Video streaming
COMM-2020 Oral Communication
COMM-2050 Graphic Design
BUSI/COMM-2080 Business and Organizational Communications
COMM/PCTS-2950 Topics – Journalism and Peacebuilding
ENVS/GEOG/SOCI-3521 Study of Simple Living

Communications and Media
COMM-1000 Introduction to Communications and Media
COMM-2015 Media Skills – Live Audio and Video streaming
COMM-2020 Oral Communication
COMM-2050 Graphic Design
BUSI/COMM-2080 Business and Organizational Communications
COMM/PCTS-2950 Topics – Journalism and Peacebuilding
ENVS/GEOG/SOCI-3521 Study of Simple Living

Computer Science
COMP-1030 Introduction to Computer Science I
BUSI/COMP-3050 Management Information Systems

Mathematics
MATH-1000 Basic Statistical Analysis
MATH-1000L Basic Statistical Analysis Lab
MATH-1020 Introduction to Calculus
MATH-1020L Introduction to Calculus Lab
MATH-1030 Calculus II
MATH-1030L Calculus II Lab
MATH-1050 The Art of Mathematical Thinking
MATH-2040 Ordinary Differential Equations I
BUSI/MATH-3040 Quantitative Methods in Business and Organizational Administration
MATH-3050 Chaos Theory

English
ENGL-1020 English Literature – Poetry and Drama
ENGL-1030W Classical Literature
ENGL-1040 English Literature – Narrative Film
ENGL-2040 Renaissance Literature
ENGL-2060 Romantic and Victorian Literature
ENGL-2410W Creative Writing – Short Fiction
ENGL-3000 The History of the Book
ENGL-3100 Short Fiction
PHIL/BTS/ENGL-3120 Dante – The Divine Comedy
ENGL-3910 Literary Genres – Children’s and Young Adult Literature
ENGL/BTS-3950 Topics – Literature and Theology
ENGL-3950 Topics – Literature, New and Used
ENGL/PCTS-3950C Dreaming Kanata and Canada: Indigenous Graphic Novels & Reconciliation
ENGL/BTS-4950W Topics – George Herbert and the End of the Book

Environmental Studies
ENVS-GEOG-1030 Introduction to Environmental Studies
ENVS/PCTS-2620 Ecological Peacebuilding
IDS/ENVS/SOCI-3521 Study of Simple Living

Environmental Studies
ENVS-GEOG-1030 Introduction to Environmental Studies
ENVS/PCTS-2620 Ecological Peacebuilding
IDS/ENVS/SOCI-3521 Study of Simple Living

Geography
GEOG-1000 Introduction to Physical Geography
GEOG-1030 Introduction to Environmental Studies
GEOG-3020 Just and Sustainable Food Systems

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GEOG-1000 Introduction to Physical Geography
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GEOG-3020 Just and Sustainable Food Systems

History
HIST-1000 History of the West in Global Context I
HIST-1010 History of the West in Global Context II
HIST-2090 Mennonites in Canada and the United States
HIST/POLS-2100 History of the United States from 1607
HIST/POLS-2110W The Fifties and Sixties – North America Cold, Cool, and Radical
HIST-2520 History of Art and Culture II – Renaissance to the Present
HIST-3200 Theory and Methods of History I
HIST-3210 Theory and Methods of History II

History
HIST-1000 History of the West in Global Context I
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HIST-2520 History of Art and Culture II – Renaissance to the Present
HIST-3200 Theory and Methods of History I
HIST-3210 Theory and Methods of History II

Indigenous Studies
INDS-1050 Indigenous Peoples of Canada
PCTS/IDS/INDS-2443 Conflict and Development Issues in Indigenous Communities

Indigenous Studies
INDS-1050 Indigenous Peoples of Canada
PCTS/IDS/INDS-2443 Conflict and Development Issues in Indigenous Communities

International Development Studies
IDS-1110W Introduction to International Development Studies
IDS/PCTS-2000 The Project Cycle
IDS-2171 Crisis, Humanitarian Aid, and Disaster Recovery
PCTS/IDS/INDS-2443 Conflict and Development Issues in Indigenous Communities

International Development Studies
IDS-1110W Introduction to International Development Studies
IDS/PCTS-2000 The Project Cycle
IDS-2171 Crisis, Humanitarian Aid, and Disaster Recovery
PCTS/IDS/INDS-2443 Conflict and Development Issues in Indigenous Communities

*See course timetable for specific course number to use when registering.
### Courses at a Glance

| MUSC-3801 Music Therapy Methods for Adults I |
| MUSC-3801L Clinical Improvisation and Skills for Adults I |
| MUSC-3802 Music Therapy Methods for Adults II |
| MUSC-3802L Clinical Improvisation and Skills for Adults II |
| MUSC-3840 Percussion Techniques A |
| MUSC-3860 Brass Techniques |
| MUSC-3870 Music Therapy Practicum III |
| MUSC-3880 Music Therapy Practicum IV |
| MUSC-3950 Topics – Thinking with Gender |
| MUSC-4050 Piano Pedagogy, Repertoire, and Interpretation |
| MUSC-4070 Choral Repertoire and Interpretation |
| MUSC-4170 Band and Orchestral Techniques |
| MUSC-4200 Studies in Medieval and Renaissance Music |
| MUSC-4800 Research in Music Education and Therapy |
| MUSC-X13X Collaborative Piano |
| MUSC-X16X Opera/Musical Theatre Workshop |
| MUSC-X700 Ensemble I – CMU Singers |
| MUSC-X701 Ensemble II – Men's Chorus |
| MUSC-X702 Ensemble II – Women's Chorus |
| MUSC-X720 Ensemble II – Jazz Band |
| MUSC-X740 Ensemble II – Guitar |
| MUSC-X750 Ensemble II – Instrumental Chamber; Concert Band |
| MUSC-X750 Ensemble II – Instrumental Chamber; Handbells |
| MUSC-X760 Ensemble II – Vocal Jazz |

**Peace and Conflict Transformation Studies**

| PCTS-1110 Introduction to Peace and Conflict Transformation |
| IDS/PCTS-2000 The Project Cycle |
| SOCI/PCTS-2030 Intercultural Theory and Practice |
| PCTS-2146 Peace Skills – Restorative Justice |
| PCTS-2150 Peace Skills – Mediation |
| PCTS-2150C Active Bystander Training |
| PCTS/INDS-2443 Conflict and Development Issues in Indigenous Communities |
| ENVS/PCTS-2620 Ecological Peacebuilding |
| PCTS-2810 History and Strategies of Non-violence |
| COMM/PCTS-2950 Topics – Journalism and Peacebuilding |

**PCTS-3100 Models for Peace and Conflict Transformation**

- PCTS-3600 Art of Peacebuilding
- BTS/PCTS-3895C Does Religion Cause Violence?
- PCTS/BUSI-3950C Leading in an Age of Polarization

**Philosophy**

| PHIL-1000 The Task of Philosophy I – The Question of Reality |
| PHIL-1010 The Task of Philosophy II – The Question of Knowledge |
| PHIL-2030 Aquinas and Wittgenstein – Language, Reality, and God |
| PHIL-2070 Business Ethics |
| PHIL/BTS-2950W Topics – Disability and Difference: Philosophical and Theological Perspectives |
| PHIL/BTS/ENGL-3120 Dante – The Divine Comedy |
| BTS/PHIL-4895 Topics – The Secular |

**Physical Education**

| PHED-2100 Coaching Theory and Practice |

**Physics**

| PHYS-1010 Physics I – Mechanics |
| PHYS-1010L Physics I – Mechanics Lab |
| PHYS-1020 Physics II – Waves and Modern Physics |
| PHYS-1020L Physics II – Waves and Modern Physics Lab |

**Political Studies**

| POLS-1000 Democracy and Dissent |
| BUSI/POLS-2040 Business and Labour Law |
| HIST/POLS-2100 History of the United States from 1607 |
| HIST/POLS-2110W The Fifties and Sixties – North America Cold, Cool, and Radical |
| POLS/COMM/SOCI-3000 Politics, Society, and Mass Media |
| PCTS/IDS/POLS-3950C Indigenous politics, land and globalization |
| BTS/POLS-3995C Does Religion Cause Violence? |

**Psychology**

| PSYC-1010 Introduction to Psychology I – Foundations |
| PSYC-1020 Introduction to Psychology II – Individuals and Interactions |
| BUSI/PSYC-2020 Organizational Behaviour |
| PSYC-2040 Research Analysis in Psychology |
| PSYC-2400 Counselling Theories |
| PSYC-2410 Counselling Techniques |
| PSYC/SOCI-2700 Interpersonal Communication |
| PSYC-2800 History of Psychology |
| PSYC-2950W Topics – Aging and Society |
| PSYC-2950W Topics – Psychology of Gender |
| BUSI/PSYC-3000 Organizational Leadership |
| PSYC-3020 Psychology of Motivation |
| PSYC-3500 Psychology of Personality |
| PSYC-3600 Trauma and Resilience |
| PSYC-3950 Topics – Resilience Across the Lifespan |
| PCTS/PSYC-3950C Trauma, Healing, and Reconciliation |
| PSYC/SOCI-4030 Qualitative Inquiry in the Social Sciences |

**Religion**

| RLGN-1710 Religious Traditions of the World |

**Sociology**

| SOCI/ANTH-1120 SOCI/ANTH-1120W Introduction to Sociological and Anthropological Perspectives |
| SOCI/PCTS-2030 Intercultural Theory and Practice |
| PSYC/SOCI-2700 Interpersonal Communication |
| POLS/COMM/SOCI-3000 Politics, Society, and Mass Media |
| IDS/ENVS/SOCI-3521 Study of Simple Living |
| SOCI-3950 Topics – Explorations at the Intersection of Culture and the Digital Age |

*See course timetable for specific course number to use when registering.*
Pathways at CMU

A Pathway is a set of three to four courses on related themes, ideas, content, or methodologies. Pathways present opportunities for faculty and students across disciplines and majors to work together on the “big questions”, and to think in creative and new ways about them. Students taking all or some of the courses of a Pathway have the opportunity to explore resonant issues in all their real complexity, from multiple vantage points.

Pathways are scheduled so students can take all of the courses of a Pathway without conflicts among its courses.

We invite you to follow one of our Pathways this year!

Reading as a Spiritual Practice
This Pathway invites students to participate in close readings of texts (variously understood) in a theological key, seeking to provide opportunities to cultivate an openness to Christian formation, an openness to the work of God. Reading as a spiritual practice is understood as the pursuit of a way of knowing and coming to know, attempting to do more than gather information from texts. Thus, reading in a spiritual mode cannot be separated or isolated from the self. Rather, as we read together, we place ourselves in the vulnerable position of being open to formation, learning, and also ‘being read’ by the texts that we encounter together.

Faculty: Paul Doerksen, Andrew Dyck, Paul Dyck, Chris Huebner

Courses:
- BTS-4430 Christian Spirituality
- ENGL/BTS-3950 Topics – Literature and Theology
- ENGL/BTS-4950W Topics – George Herbert and the End of the Book
- PHIL/BTS/ENGL-3120 Dante – The Divine Comedy

Power and Embodiment
How do we know ourselves and others? We tend to think of our own subjectivity as eternal, static, and discrete. We also think of power in these terms, as a quantity or quality that some people have and others lack. This pathway encourages us to think relationally, about how we exist in the context of larger systems and ways of thinking that shape our understandings, opportunities, and choices. Thinking relationally also helps us to see power as a dynamic and a state of action. These courses also call attention to our connections to our bodies, examining how particular social categories such as race, health/wellness, and particularly gender, are inscribed on the body and enacted in relation to the body. They disrupt our search for simple answers, encouraging us to look instead for complexity, overlap, and multiplicity, giving us opportunities to appreciate human difference and diversity.

Faculty: Heather Campbell-Enns, Irma Fast Dueck, Sheila Klassen-Wiebe, Anna Nekola

Courses
- BTS-3295 Topics - Feminist Perspectives on Bible and Theology
- BTS-3450 Theologies of Power
- PSYC-2950W Topics – Aging and Society
- PSYC-2950W Topics - Psychology of Gender
- SOCI/BTS-3950 Topics - Queer Theory
Course Descriptions

In the following pages you will find course descriptions for the courses CMU plans to offer during the coming academic year. CMU’s Academic Calendar lists and describes many other courses. Many of those will be offered in subsequent years, according to a regular rotation, enabling students to complete the courses necessary to the degree programs they have chosen.

Course and Timetable Information

To view course timetable information:
- Go to www.cmu.ca/timetable

Courses to Meet the Anabaptist Studies Requirement
All CMU academic programs require the student to complete a three credit-hour course in Anabaptist Studies. The following courses are available this year to meet the requirement:
- BTS-2560W Anabaptist Beginnings
- BTS-3595 Topics – Anabaptism: From Europe to the Globe
- BTS-4495M Topics – Anabaptist Spirituality (spring 2019)
- BTS-4895 Topics – Anabaptist Peace Theology
- HIST-2090 Mennonites in Canada and the United States

Courses to Meet the Integrative Studies Requirement
Integrative Studies explore the mosaic of knowledge, around a theological centre, in service of the highest of human loves, which are the love of God and the love of neighbour.

Students are required to complete 6 credit hours of integrative studies courses within their degree of which 3 credit hours must be at the 3000-level or above. The courses listed below can fulfil the integrative studies requirements.
- BTS-2230 Biblical Perspectives on Peace and Justice
- BTS-2800W Theology of Peace and Justice
- BTS-3295 Topics – Feminist Perspectives on Bible and Theology
- BTS-3340 Ministry Seminar
- BTS-3450 Theologies of Power
- BTS/PCTS-3895 Topics – Faith and Toleration
- BTS-3995 Topics – Consumption and Desire
- BTS/POLS-3995 Topics – Religion and Politics
- BTS-4895 Topics – Anabaptist Peace Theology
- BTS/PHIL-4895 Topics – The Secular
- BTS-4895 Topics – Theological Ethics
- COMM/PCTS-2950 Topics – Journalism and Peacebuilding
- COMM-3010 Theories of Communication in Everyday Life
- ENGL/BTS-3950 Topics – Literature and Theology
- ENGL/BTS-4950W Topics – George Herbert and the End of the Book
- ENVS/PCTS-2620 Ecological Peacebuilding
- HIST-2090 Mennonites in Canada and the United States
- HIST-3200 Theory and Methods of History I
- IDS/GEOG-3020 Just and Sustainable Food Systems
- IDS/ENVS/SOCI-3521 Study of Simple Living
- IDS/PCTS/POLS/SOCI-4100 Senior Seminar in Social Change
- MATH-3050 Chaos Theory
- PHIL/2070 Business Ethics
- PHIL/BTS-2950W Topics – Disability and Difference: Philosophical and Theological Perspectives
- PHIL/BTS/ENG-3120 Dante – The Divine Comedy
- PSYC-2950W Topics – Aging and Society

Spring/Summer 2019

BTS/PCTS-3895C Topics – Indigenous Perspectives on Salvation, Peace, and Justice [T]; (3.0 credit hours) This course will examine theologies that have emerged from within the Indigenous community and which are rooted in Indigenous worldview, social engagement, and historical experience with Christian faith. Under the Canadian colonial enterprise, salvation for indigenous people was defined as becoming Western and civilized which meant repenting of indigenous identity, putting it off, and becoming Western, or enfranchised into Canadian society. The focus on Cree theology will provide opportunity to reinterpret conversion and repentance as turning to Christ by embracing a God-given indigenous identity as a true human being. This reinterpretation of repentance provides space for non-indigenous North Americans to embrace their own responsibility for reconciliation grounded in peace and justice. The format will include lecture, critical reading, case analysis, and class discussion. Dates: June 10-14. Register through the Canadian School of Peacebuilding.

BTS/PCTS-3895C Topics – Justice, Peacebuilding, and a Theology of Struggle [T]; (3.0 credit hours) This course will explore various peacebuilding and justice initiatives in the context of multiple layers of protracted armed conflicts. Based on the experiences of field practitioners in the Philippines, the role of religion and theology in the conflict arena and in peace and justice efforts will be explored—including Christian Filipino “theology of struggle,” Indigenous cultural/spiritual identity, and Islam-inspired theology of liberation, alongside interfaith dialogue. Implications for a broad range of contexts will be examined through case studies, small group discussions, and inputs. Dates: June 17-21. Register through the Canadian School of Peacebuilding.

BTS-4495 Topics – Practices, Rituals, and the Christian Imagination [PT]; (3.0 credit hours) The most vital and subtle lessons of the Christian faith and life are conveyed in practices, rituals and gestures. From the early church on, Christian practices and rituals have been places of encounter and revelation of God and function as a prism allowing Christians to view the world through a particular lens, providing a new frame for interpreting life and imagining the world. Practices and rituals are formative and powerful because they are embodied theology—they refuse to separate the mind, the heart and the body. This course will explore the nature of Christian practices in general and inquire into the Christian use of rituals in particular. Ancient Christian practices as well as new rituals will be examined and practiced throughout the course. Prerequisite: 60 credit hours of university-level studies, including 9 credit hours in Biblical and Theological Studies. Dates: May 13-17.

BTS-4495M Topics – Anabaptist Spirituality [PT]; (3.0 credit hours) The spirituality of sixteenth-century Anabaptists has not only shaped differing Mennonite denominations, but also inspired other Christian groups in the twenty-first century. This course will trace key expressions of this ‘radical Reformation’ spirituality, and consider how those are expressed in contemporary Christian contexts. As well as reading about Anabaptist spirituality, students will read writings of the first
Anabaptists, be invited to pray Anabaptist prayers, and explore the implications of Anabaptist spirituality for the students’ own contexts. Prerequisite: 60 credit hours of university-level studies, including 9 credit hours of Biblical and Theological Studies. Dates: June 3-7.

BTS-4495M Topics – Cross-Cultural Missions [PT]: (3.0 credit hours) This course will be a theological exploration of faith development. More specifically it will involve a close consideration of how God acts within the so-called “normal” stages of human development as faith changes and grows over time. The perspective offered in this course will suggest that the Spirit’s work of transformation encompasses both incremental human change as well as dramatic and climactic encounters with God. The purpose of this course, then, is to provide, within a robust Christocentric framework, theological tools for understanding transformation in an integrated and pastorally relevant way. Dates: May 6-10.

BUSI/IDS/PCTS-3950C Topics – Building Change with Human-Centred Design: (3.0 credit hours) In this hands-on, project-based course, students will master the 4-phase Human-Centered Design (HCD) process to create products, services, campaigns, businesses, and other innovative solutions to real-world social change challenges across sectors and fields. Generate revenue, co-create with multiple stakeholders, and design sustainable solutions for your community and workplace through the four steps of inspiration, ideation, prototyping, and implementation invented by IDEO and used at Stanford’s d.school (innovation hub). Dates: June 17-21. Register through the Canadian School of Peacebuilding.

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. Includes a laboratory requirement. A lab fee will be assessed. Prerequisites: CHEM-2100 and CHEM-2110. Dates: May 1-June 24.

IDS/BUSI/PCTS-3950C Topics – Alternative Approaches to Monitoring and Evaluation: (3.0 credit hours) Community-based initiatives in development, peacebuilding, and social innovation have questioned the appropriateness of mainstream monitoring and evaluation (M&E) approaches, which use logical frames and quantitative indicators to ensure accountability and assess impact. Students will be introduced to a range of alternative approaches to M&E that emphasize relationships, complexity, learning, and collaboration. How do you know when your organization or program is making a difference? How do you maintain focus on the right priorities? We will explore outcome mapping, social frameworks, ethnographic and story-based approaches, as well as developmental and utilization-focused evaluation tools in case study contexts. This course will encourage mutual learning among students on people-focused M&E rather than the development of skills in any single approach. Dates: June 10-14. Register through the Canadian School of Peacebuilding.

PCTS/BUSI-2190C Peace Skills Practice: (3.0 credit hours) Throughout this course, participants will examine a variety of approaches to dealing with conflict in diverse locations such as: first party conflicts (responding to your own conflicts), third party conflicts (helping others in conflict) and learning to recognize the cultural elements of conflict resolution (moving beyond your own culture). Students will practice the role of the peacebuilder in situations when gossip, venting, and advice-seeking is being experienced. Dates: June 10-14. Register through the Canadian School of Peacebuilding.

PCTS/MUSC/SOCI-3950C Topics – Making Music, War, and Peace: (3.0 credit hours) This course will engage applied ethnomusicological research in regions having experienced armed violent conflict, examining what has been learned about music’s role in these contexts. The instructor will utilize his context in south-east Europe and the music-making has been present during war- and peace-making in that region over the past 100 years. Detailed study will be made of two projects, focusing on Bosnian refugees in Norway and Romani (gypsy) musicians in Kosovo, and of the International Council for Traditional Music and its contribution to peace. The instructor’s film Kosovo Through the Eyes of Local Romani (Gypsy) Musicians will be presented, and serve as a basis for discussion of a follow-up study of the ethnomusicology of conflict and violence and the potential for other contexts. Dates: June 10-14. Register through the Canadian School of Peacebuilding.

PCTS/PSYC-3950C Topics – Trauma, Peacebuilding, and Resilience – Level 1: (3.0 credit hours) When individuals, families or communities have been impacted by trauma, there can be ongoing vulnerability and post-traumatic stress as well as opportunities for strength and post-traumatic resilience. This course provides a collaborative setting for participants to explore their own contexts for supporting others’ healing from trauma while presenting an approach that integrates the theoretical and practical. This training is developed and offered in partnership between CSOP and the Crisis & Trauma Resource Institute (CTRI) (www.ctrinstitute.com). Dates: June 17-21. Register through the Canadian School of Peacebuilding.

PCTS-3950C Topics – Generous Dissent: Nonviolent Activism and Resistance: (3.0 credit hours) Nonviolence is a commonly used term but what does it actually mean? Is nonviolence a tool for those who want to keep dissent polite or is it an approach requiring both courage and determination? Should nonviolence be adopted as a deep, moral principle or can it be treated as one among many strategies? This class explores the theory and practice of nonviolence as active tools for social change. Rather than just the absence of violence, nonviolence is both a theory grounded in scholarship as well as a set of practices that have been used by people around the world to challenge oppression and create democratic change. This class is an opportunity to explore both pragmatic and principled theories of nonviolence and to debate their relevance for us today, using case studies from India, Serbia, the U.S. civil rights movement, indigenous movements, and others. In the context of the classroom, we will engage in lively discussions, experiment with role plays, watch short documentaries and welcome guest speakers who will bring the concepts of nonviolence to life for us. Dates: June 17-21. Register through the Canadian School of Peacebuilding.
Academic 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 in one of the following ways:

1. Completing the course ACWR-1010 Writing for Academic Purposes. Students who have earned a grade of less than 73% in Grade 12 English must choose this option.
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 thirty credit hours.

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.**

‘W’ Courses that fulfill the Academic Writing Requirement
- BTS-2000W Introduction to Christianity
- BTS-2550W History of Christianity
- BTS-2560W Anabaptist Beginnings
- BTS-2800W Theology of Peace and Justice
- BUSI/COMM-2080W Business and Organizational Communications
- ENGL-1030W Classical Literature
- ENGL-2410W Creative Writing – Short Fiction
- ENGL/BTS-4950W Topics – George Herbert and the End of the Book
- HIST/POLS-2110W The Fifties and Sixties – North America Cold, Cool, and Radical
- IDS-1110W Introduction to International Development Studies
- MUSC-1000W Music Theory I
- MUSC-1220W The Art of Music
- PHIL/BTS-2950W Topics – Disability and Difference: Philosophical and Theological Perspectives
- PSYC-2950W Topics – Aging and Society
- PSYC-2950W Topics – Psychology of Gender
- SOCI/ANTH-1120W Introduction to Sociological and Anthropological Perspectives

Anthropology

SOCI/ANTH-1120W Introduction to Sociological and Anthropological Perspectives: (3.0 credit hours) This course provides an introduction to the study of the social world and the behaviour of people in a variety of situations and across cultures, guided by an interdisciplinary range of theoretical and conceptual resources. Emphasis is placed on language(s), individual and group identities, relationships, belief systems and attitudes, and processes of social and cultural change. **A writing course fee will be assessed for this course.**

Biblical and Theological Studies

Categorization of Courses in Biblical and Theological Studies
Each of the following courses belongs to at least one of the five categories: Bible, History of Christianity, Practical Theology, Theology, or Thematic. One of the following codes appears after each course title, indicating to which category it belongs:

- **B** = Bible
- **HC** = History of Christianity
- **PT** = Practical Theology
- **T** = Theology
- **Th** = Thematic

BTS-1110 Biblical Literature and Themes [Intro BTS]: (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. **Students may not hold credit for this course and BTS-1120 and 1130.**

BTS-1130 Introducing Jesus – An Overview of the Christian Bible [Intro BTS]: (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. **Students may not hold credit for this course and BTS-1110 or 1120.**

BTS-2000W Introduction to Christianity [Intro BTS, Th]: (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. **A writing course fee will be assessed for this course.**

BTS-2160 The Psalms [B]: (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-2190 Luke-Acts [B]: (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-2230 Biblical Perspectives on Peace and Justice [B]: (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-2310 Issues in Youth Ministry [PT]: (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.
MUSC/BTS-2310 Hymnology – The History of Congregational Song [PT]: (3.0 credit hours) A study of the music and theology of the various streams of Christian hymnody up to the mid-twentieth century, particularly as represented in the Mennonite-Anabaptist tradition. The focus will be on congregational music, emphasizing hymns and hymn tunes, and their evaluation, including the exploration of their use in worship.

BTS-2420M Exploring Christian Spirituality [Intro BTS, PT]: (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-2550W History of Christianity [Intro BTS, HC]: (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. A writing course fee will be assessed for this course.

BTS-2560W Anabaptist Beginnings [HC]: (3.0 credit hours) A study of the history, beliefs, and significance of the sixteenth-century Anabaptist movements. A writing course fee will be assessed for this course.

BTS-2800W Theology of Peace and Justice [T]: (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. A writing course fee will be assessed for this course.

BTS-2895 Topics – Theology and Art [Intro BTS, T]: (3.0 credit hours) 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 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.

PHIL/BTS-2950W Topics – Disability & Difference: Philosophical & Theological Perspectives [T]: (3.0 credit hours) The study of physical and mental disability offers the opportunity to discover both the problems and the potential of central theological and philosophical concerns: free will, reason, morality, sin, solidarity, suffering, and salvation, among others. Our goal in this class is to begin to see the indispensability of disability not only to theological and philosophical reflection but also to 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. A writing course fee will be assessed for this course.

PHIL/BTS/ENGL-3120 Dante – The Divine Comedy [T]: (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. Prerequisites: 6 credit hours of introductory English (1010-1050), including one of ENGL-1010, 1020, or 1050, or 6 credit hours of 1000- or 2000-level philosophy or permission of the instructor.

BTS-3295 Topics – Isaiah [B]: (3.0 credit hours) The book of Isaiah provides an extraordinary portrait of the person of God and hope for all men and women. Isaiahic hope is rooted in two ideas: 1) the loving, perseverant and compassionate nature of a God who has a project for Israel and all of humanity; 2) the provision of a means of redemption that ultimately derives from God’s initiative and finds its ultimate fulfillment in the incarnation of Christ and the full revelation of the Kingdom of God. In this course, we will examine the book of Isaiah in terms of 1) its overall theme in a canonical perspective; 2) its historical context(s); 3) its contribution to biblical theology; 4) and its relevance for the Church today. Prerequisites: 30 credit hours of university-level studies, including 6 credit hours in Biblical and Theological Studies.

BTS-3295 Topics – Feminist Perspectives on Bible and Theology [B, T]: (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. Prerequisites: 30 credit hours of university-level studies, including 6 credit hours in Biblical and Theological Studies.

BTS-3340 Ministry Seminar [PT]: (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. Prerequisites: 30 credit hours of university-level studies, including 6 credit hours in Biblical and Theological Studies.

BTS-3450 Theologies of Power [PT, T]: (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: 30 credit hours of university-level study, 6 credit hours in Biblical and Theological Studies.

BTS-3595 Topics – Anabaptism: From Europe to the Globe [HC]: (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 surveying the ongoing story of how Anabaptist communities evolved over several centuries before becoming a global reality. The course will continue by giving attention to selected issues and themes. For the most part, the accent in this course will be on the Mennonite story. Students cannot enrol in this course if they have already taken BTS-2695 Topics – Anabaptism: From European to Global Reality. Prerequisites: 30 credit hours of university-level studies, including 6 credit hours in Biblical and Theological Studies.

BTS/PECTS-3895 Topics – Faith and Toleration [T]: (3.0 credit hours) This course explores the dynamics of faith and tolerance in historical and contemporary perspective within Christianity and other religious

To view the course timetable, go to www.cmu.ca/timetable | To register, log onto your CMU Student Portal
traditions. The course will address topics such as the following: violence within Christianity, settler and indigenous relations, religion and modernity, sexual and domestic violence, and interreligious relations. An over-arching aim in the course is to develop theoretical resources that support the work of reconciliation and peace. Prerequisites: 30 credit hours of university-level studies.

BTS/PCTS-3895C Does Religion Cause Violence? [T]: (3.0 credit hours) This course examines the common notion that religion has a peculiar tendency to promote violence. We will analyze secularist treatments of religion and violence and narratives of the European “Wars of Religion,” questioning what is meant by “religion,” whether secular ideologies are more peaceful, and how and why the distinction between “religious” and “secular” is constructed in the first place. We will then examine René Girard’s theory of violence and his argument that Christianity is the “religion” that ends religious violence. Offered in spring 2020.

ENGL/BTS-3950 Topics – Literature and Theology [T]: (3.0 credit hours) A study of literary and theological texts that invites students to experience these texts imaginatively and theologically, not merely as illustrations of some theme. This course seeks to understand modern literary texts along with related theological writings. Upon completion of this course, students should have gained experience in close reading of literary texts and theological writing, and students will have considered what it means to embrace a theology of reading. Prerequisite: 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, 1020, or 1050; or permission of the instructor.

SOCI/BTS-3950 Topics – Queer Theory [T]: (3.0 credit hours) This class will examine formations of knowledge, focusing particularly around ideas of what is “normal” and questioning how we encounter difference in others. We’ll read and discuss the ways academics, theologians, and activists connect our ideas about gender and sexuality to fundamental understandings and assumptions about who we are and how the world works. Focusing the course around the transgressive and potentially uncomfortable term “queer” signals that this will be about more than just issues of identity. Throughout the semester we will engage “queering” as a practice of deconstruction and critical thinking that provides crucial skills for encountering complexity and ambiguity. What we study this semester has real-life consequences, and thus we will be attentive throughout to questions of power in all of its potential manifestations. Prerequisite: 30 credit hours of university-level study, including SOCI-1110 or SOCI-1120.

BTS-3995 Topics – Consumption and Desire [Th]: (3.0 credit hours) This course will explore claims by a variety of theologians and activists that western society’s overconsumption of natural resources, fossil fuels, consumer goods, sex, electronics, and food reflects deep physical and spiritual problems rooted in distorted human desires. The course will look at various forces in western society that seek to channel healthy human desires into unhealthy directions. The course will also examine Christian practices and biblical and theological resources that can help bring healing to human desires by channelling them towards the reign of God and towards love of God and neighbour. Prerequisites: 30 credit hours of university-level studies, including 6 credit hours in Biblical and Theological Studies.

BTS/POLS-3995 Topics – Religion and Politics [Th]: (3.0 credit hours) The study of primary sources that illustrate how theology fashioned Christian practices and understanding regarding the ordering of society, and the place of the church in the ancient, medieval, and modern eras will provide the focus for this course. The course is intended to acquaint the student with the originating tradition of Western political thought, with an emphasis on the contribution of theological arguments to political thought. That is, we will join in the conversation that makes up Christian political thought. Prerequisites: 30 credit hours of university-level studies, including 6 credit hours in Biblical and Theological Studies.

BTS-4295 Topics – Paul and His Letters [B]: (3.0 credit hours) Following a general introduction to Paul, his life, ministry, and theological method as expressed in his letters, this course will focus on Paul’s letters to the Corinthians and to the Philippians. The course will give attention to matters such as (a) the interpretation of particular sections of the letters, (b) the shape of each letter’s rhetorical and theological argumentation, (c) the ecclesial, social, political context of the letters, (d) the coherent theology of Paul that is expressed or assumed by the letters, (e) the context of the letter in Paul’s life, ministry and thought, and (f) the meaning of the letters for contemporary Christian reflection. Prerequisite: 60 credit hours of university-level studies, including 9 credit hours in Biblical and Theological Studies.

BTS-4295M Topics – From Creation to New Creation: Biblical Visions of the ‘End’ [B]: (3.0 credit hours) This course will examine various texts from the Hebrew prophets, Daniel, the Gospels, the letters of Paul, and the book of Revelation to discern their vision of God’s good future. The course will also explore various ways in which contemporary theologians spell out the significance of these visions for Christian faith, ethics, and mission. Prerequisites: 60 credit hours of university-level studies, including 9 credit hours in Biblical and Theological Studies.

BTS-4295M Topics – Principles of Biblical Interpretation [B]: (3.0 credit hours) Biblical interpretation is both a science and an art. In this course, we will examine the “science” part of biblical hermeneutics. Whereas the process of interpretation cannot be reduced to a series of mechanical steps that will always provide the “right” reading, it is crucial that the student of the Bible master the basics of the discipline. We will therefore study the fundamental components and techniques of biblical exegesis with a special focus on grammar, semantics, genre analysis, biblical theology, and contextualization. Prerequisites: 60 credit hours of university-level studies, including 9 credit hours in Biblical and Theological Studies.

BTS-4295M Topics – The Pentateuch [B]: (3.0 credit hours) This course will examine the Torah, the first five books of the Hebrew Bible. It will first focus on the following questions: theories of composition, historical and cultural background, and the Pentateuch’s major themes (creation, community, Exodus, war, covenant, law, sacrificial system, etc.). The course will also survey all five books in order to assess their theological significance with respect to both ancient Israel and the church today. Prerequisite: 60 credit hours of university-level studies, including 9 credit hours in Biblical and Theological Studies.

BTS-4430 Christian Spirituality [PT]: (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: 60 credit hours of university-level studies, including 9 credit hours in Biblical and Theological Studies. Offered in spring 2020.

BTS-4495 Topics – Equipping the Saints: Education and Faith Formation [PT]: (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 Christian disciples with insights that
can be extended to a variety of faith settings including the congregation, camp, Christian school or youth ministry. Prerequisites: 60 credit hours of university-level studies, including 9 credit hours in Biblical and Theological Studies.

BTS-4495M Topics – Prayer [PT]: (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 church history, theology, and scripture (incl. Psalms, the Lord’s Prayer, and other New Testament prayers). Students will be given opportunities to experience and respond to various prayer practices individually and in small groups. An underlying theme for the course is “No one prays alone.” Prerequisites: 60 credit hours of university-level studies, including 9 credit hours in Biblical and Theological Studies.

BTS-495 Topics – Reading Christian Classics [HC]: (3.0 credit hours) This course is a survey of the theology and spirituality of Christianity from the first century to the modern period. As such it serves as an overview of the history of Christianity. Students will engage in seminars and readings of almost two thousand years of Christian history and become familiar with the historical context of key religious texts. The course will bring to light the seemingly paradoxical reality of unity and diversity within the history of the church, and underscores the dynamic and diverse nature of Christian spirituality, theology and experience. Prerequisites: 60 credit hours of university-level studies, including 9 credit hours in Biblical and Theological Studies.

BTS-4895 Topics – Anabaptist Peace Theology [T]: (3.0 credit hours) This course will explore resources for peacebuilding from within the Christian Anabaptist theological tradition. While some attention will be given to the historical development of this tradition, the primary focus of the course will attend to recent theological work in which Christian thinkers seek to address issues of violence and peace. Prerequisites: 60 credit hours of university-level studies, including 9 credit hours in Biblical and Theological Studies. Offered in spring 2020.

BTS-4895 Topics – Theological Ethics [T]: (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. Prerequisites: 60 credit hours of university-level studies, including 9 credit hours in Biblical and Theological Studies.

BTS/PHIL-4895 Topics – The Secular [T]: (3.0 credit hours) This course will explore some of the most important attempts to make sense of the concept of the secular. It will examine the following sorts of questions: How and why did the concept of the secular come into being? How are the religious and secular spheres positioned relative to one another? What are the larger implications of these positions? How are some recent religious and political movements to be understood vis-à-vis the concepts of religion and the secular? Must the secular be against theology? Must theology be against secular? Do theology and the secular need each other? What might a post-secular theology look like? Prerequisites: 60 credit hours of university-level studies, including 9 credit hours in Biblical and Theological Studies.

ENGL/BTS-4950W Topics – George Herbert and the End of the Book [T]: (3.0 credit hours) This seminar will study George Herbert’s poetry, material book history, and 17th century theology. It will consider the particular purposes of Herbert’s work in the context of historical primary sources and of modern critical interpretations, asking most centrally how poetry does theology. Prerequisites: 6 credit hours of introductory English (1010-1050), including one of ENGL-1010, 1020, or 1050, or permission of the instructor. A writing course fee will be assessed for this course.

BTS Area Courses Available
In 2019-2020 CMU is offering the following courses, which can serve to meet elective requirements for majors in Biblical and Theological Studies. Please consult the degree presentation in the Academic Calendar to determine how many are permitted for your program.

- HIST-2090 Mennonites in Canada and the United States
- LANG-2410 Elementary Biblical Greek I
- LANG-2420 Elementary Biblical Greek II
- MUSC-2330 Leading Music and Worship
- RLGN-1710 Religious Traditions of the World II

**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 function 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. Includes a laboratory component (BIOL-1310L). A laboratory fee will be assessed. Prerequisites: Biology 40S, Chemistry 40S, and Math 40S (applied or pre-calculus), recommended corequisite: BIOL-1010. Students may not hold credit both for this course and 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. Includes a laboratory component (BIOL-1320L). A laboratory fee will be assessed. Prerequisite: BIOL-1310; recommended co-requisites: BIOL 1010, BIOL-1020. Students may not hold credit both for this course and 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. Includes a laboratory requirement (BIOL-1360L). A laboratory fee will be assessed. No prerequisite but high school biology strongly recommended.

**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. Includes a laboratory requirement (BIOL-1370L). A laboratory fee will be assessed. Prerequisite: BIOL-1360 or 1320.


BIOL-2510 Ecology I: (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. Includes a lab component (BIOL-2510L). A laboratory fee will be assessed. Prerequisites: BIOL-1010 or 1320.

BIOL-3510 Ecology II: (3.0 credit hours) This course is a continuation of Ecology I, and will build on concepts introduced in Ecology I regarding the forces that regulate and shape populations and communities, as well as applied aspects of ecology, including harvesting, resource management, and ecological goods and services. Emphasis will be put on using the primary scientific literature to understand concepts. Prerequisite: BIOL-2510; recommended: BIOL 2100.

### Business and Organizational Administration

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-2000 Introductory Financial Accounting: (3.0 credit hours) Examination of accounting postulates underlying the preparation and presentation of financial statements. CPA approved preparatory course. A lab fee will be assessed. Prerequisite: BUSI-1000.

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. CPA approved preparatory course. Prerequisite: BUSI-2000. Corequisite: ECON-1000 or 1010.

BUSI/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: BUSI-1000 or PSYC-1020 or permission of instructor.

BUSI/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. CPA approved preparatory course. Prerequisites: BUSI-1000 or IDS-1110 or POLS-1000 or 1010.

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: BUSI-1000 or COMM-1000.

BUSI/COMM-2080W 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. Prerequisites: BUSI-1000 or IDS-1110 or COMM-1000. A writing course fee will be assessed for this course.

BUSI/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: 30 credit hours of university-level courses.

BUSI/MATH-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. CPA approved preparatory course. Prerequisite: MATH-1000.

BUSI/MATH-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 organizational structure and workers. CPA approved preparatory course. Prerequisite: MATH-1000.

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: BUSI-2000.

BUSI-3100 Financial Management: (3.0 credit hours) The 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. CPA approved preparatory course. Prerequisites: BUSI-2000 and MATH-1000. Corequisite: BUSI-2010.

BUSI-3200 Human Resource Management: (3.0 credit hours) A practical study into how organizational leadership, structure and behaviour influence how organizations obtain, maintain and retain human resources that are essential to achieve their objectives. Prerequisite: BUSI/PSYC-2020 or permission of the instructor.

PCTS/BUSI-3950C Leading in an Age of Polarization: (3.0 credit hours) Polarization refers to the process by which more and more people in a society come to hold opinions at the more extreme ends of the spectrum, while the number of people in the moderate center dwindles. Polarization is both a global and an historic phenomenon, as it has surfaced in many countries and at numerous points in history. The challenge for leaders of any system (congregations, businesses, schools, governments and other organizations) is how to lead when
many organizational members instinctively “take sides” based on group loyalties rather than careful processing. This course will present findings from the research on what causes polarization, along with proven strategies from community, congregational and university leaders who have successfully led in polarized environments. Participants will be invited to share the challenges in their unique contexts and will leave with a customized plan for effective leadership in their setting. Offered in spring 2020.

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. Prerequisites: BUSI-2000, BUSI/PSYC-2020, BUSI-2030 and BUSI-2050.

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. Prerequisites: 9 credit hours of business courses at the 3000 level or higher, including BUSI-4010.

Business and Organizational Administration Courses available

There are many other courses offered this year that could be used within the Business degrees as restricted electives, area courses, or ancillary courses. Please consult the Academic Calendar or your Faculty Advisor for more information.

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. Includes a laboratory requirement (CHEM-1010L). A laboratory fee will be assessed. Prerequisites: Applied Mathematics 40S or Pre-calculus Mathematics 40S, and Chemistry 40S (or equivalents).

CHEM-1020 Physical Chemistry: (3.0 credit hours) An introduction to topics including thermochemistry, chemical thermodynamics, and chemical kinetics. Includes a laboratory requirement (CHEM-1020L). A laboratory fee will be assessed. Prerequisite: CHEM-1010.


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. A lab fee will be assessed. Prerequisite: CHEM-2010.

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. Includes a laboratory requirement. A lab fee will be assessed. Prerequisites: CHEM-1020 and BIOL-1320.

Communications and Media

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 technology fee will be assessed for this course.

COMM-2015 Media Skills – Live Audio and Video streaming: (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. A technology fee will be assessed for this course. Prerequisite: For production team workshops, admission will be on the basis of an interview for a place in the team.

COMM-2015, 3015, 4015 Media Skills – Radio Team: (3.0 credit hours) This workshop is an applied media experience focused on broadcast radio production. Students are mentored by CMU faculty and staff. The workshop will include focused training modules on particular aspects of radio production including interviewing skills, story development, studio voice tracking audio editing and mixing. Students will work cooperatively on radio episodes that are heard on stations in Manitoba and distributed online. Projects are designed in consultation with the Communications and Marketing Department at CMU. A technology fee will be assessed for this course. Prerequisite: Admission on the basis of an interview for a place in the production team.

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-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, photographs, writing and letter forms. A technology fee will be assessed for this course. Prerequisite: COMM-1000 or permission of the instructor.

BUSI/COMM-2080W 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. Prerequisites: BUSI-1000 or IDS-1110 or COMM-1000. A writing course fee will be assessed for this course.

COMM/PCTS-2950 Topics – 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. Prerequisites: COMM-1000 or PCTS-1110, or permission of the instructor.

POLS/COMS/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: 30 credit hours of university-level studies, including 6 credit hours in social science.

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: COMM-1000 and 30 credit hours of university-level studies, or permission of the instructor.

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: 30 credit hours of university-level studies, or permission of the instructor.

COMM-3060 Advanced Journalism – Multimedia: (3.0 credit hours) This course extends introductory journalistic reporting skills and looks ahead at the evolving media landscape, where journalists will require basic proficiency in developing multimedia content such as video, audio, information graphics and photo slideshows. The multi-media focus of this course will be on discussing and planning content, not on the technical aspects of producing and posting such content. A technology fee will be assessed for this course. Prerequisite: COMM-2060.

Communications and Media Area Courses Available
In 2019-2020 CMU is offering the following courses which can serve to meet area course requirement in Communications and Media majors. Please consult the degree presentation in the Academic Calendar to determine how many are permitted for your program.

- BUSI/COMP-3050 Management Information Systems
- BUSI/PSYC-2020 Organizational Behaviour
- BUSI-2050 Fundamentals of Marketing
- ENGL-3000 The History of the Book
- HIST-2520 History of Art and Culture II – Renaissance to the Present
- PSYC/SOCI-2700 Interpersonal Communication
- PSYC-4030 Qualitative Inquiry in the Social Sciences
- SOCI/PCTS-2030 Intercultural Theory and Practice

Computer Science

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. Includes a laboratory requirement (COMP-1030L). A laboratory fee will be assessed.

BUSI/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 organizational structure and workers. CPA approved preparatory course. Prerequisite: MATH-1000.

Economics

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: ECON-1010.

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.

English

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-1030W Classical Literature: (3.0 credit hours) This course examines selections from Greek and Roman classical poetry and drama, upon which English literature draws (e.g., Homer, Virgil, Ovid, Aristophanes, Euripides, Sophocles). The readings may be organized around a theme. A writing course fee will be assessed for this course.

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-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. Prerequisites: 6 credit hours of introductory English (1010-1050), including one of ENGL-1010, 1020, or 1050, or permission of the instructor.
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. Prerequisites: 6 credit hours of introductory English (1010-1050), including one of ENGL-1010, 1020, or 1050, or permission of the instructor.

ENGL-2410W 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: ENGL-1010 or 1050 or instructor’s permission based on evaluation of student portfolio. A writing course fee will be assessed for this course.

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. Prerequisites: 6 credit hours of introductory English (1010-1050), including one of ENGL-1010, 1020, or 1050, or permission of the instructor.

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 also at works in translation from around the world, including examples of realism, romanticism, modernism, fantasy, detective fiction, etc. Prerequisites: 6 credit hours of introductory English (1010-1050), including one of ENGL-1010, 1020, or 1050, or permission of the instructor.

PHIL/BTS/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. Prerequisites: 6 credit hours of introductory English (1010-1050), including one of ENGL-1010, 1020, or 1050, or 6 credit hours of 1000-2000-level philosophy or permission of the instructor.

ENGL-3910 Literary Genres – Children’s and Young Adult Literature: (3.0 credit hours) Our current conception of childhood as a particular phase of personhood dates only 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 children and teens produced during the past 150 years. Picture books, alphabet primers, children’s verse, works of the late Victorian “Golden Age,” fantasy, 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. Prerequisites: 6 credit hours of introductory English (1010-1050), including one of ENGL-1010, 1020, or 1050, or permission of the instructor.

ENGL/BTS-3950 Topics – Literature and Theology: (3.0 credit hours) A study of literary and theological texts that invites students to experience these texts imaginatively and theoretically, not merely as illustrations of some theme. This course seeks to understand modern literary texts along with related theological writings. Upon completion of this course, students should have gained experience in close reading of literary texts and theological writing, and students will have considered what it means to embrace a theology of reading. Prerequisite: 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, 1020, or 1050; or permission of the instructor.

ENGL-3950 Topics – Literature, New and Used: (3.0 credit hours) Many works of art are versions of other works of art. Such re-creation has been going on for centuries; Shakespeare was a serious borrower. In this course we will examine literary works (novels, plays, poems, films) that revise and respond to other literary works. For example, we can explore The Odyssey, the book of Genesis, Hamlet, and Jane Eyre alongside works which rewrite and revise these texts for purposes of homage, play, and challenge. Prerequisites: 6 credit hours of introductory English (1010-1050), including one of ENGL-1010, 1020, or 1050, or permission of the instructor.

ENGL/PCTS-3950C Dreaming Kanata and Canada: Indigenous Graphic Novels & Reconciliation: (3.0 credit hours) While Canada has become a great nation-state, it has not yet come close to the original Iroquoian word Kanata, a “village.” Indigenous peoples have struggled for over two centuries to have their voices and gifts heard in history books, government policies, and the most well-respected stories of this nation. Graphic writing is the oldest form of written expression by Indigenous peoples in North America – examples include the Mixtec Codex Zoque-Nuttall to Anishinaabe birch bark scrolls, rock paintings, beadwork and other forms. In these texts we find images and ideas of nationhood, culture, identity, and even Kanata. In recent times, many Indigenous storytellers have (re-) turned to graphic writing – now in the form of graphic novels – to express themselves, combining traditional aesthetics with contemporary visual art forms. A “wave” of publications have found their way into the mass market and are now influencing an entire generation of readers. At the same time, few images have been more historically popular to mainstream graphic artists than that of Aboriginal people, who have acted as foils, heroes, and sidekicks for their western counterparts. In this course, students will gain a variety of skills through critical reading and literary theory and combine these with techniques to learn how to read, engage, and teach Indigenous graphic novels today. Offered in spring 2020.

ENGL/BTS-4950W Topics – George Herbert and the End of the Book: (3.0 credit hours) This seminar will study George Herbert’s poetry, material book history, and 17th century theology. It will consider the particular purposes of Herbert’s work in the context of historical primary sources and of modern critical interpretations, asking most centrally how poetry does theology. Prerequisites: 6 credit hours of introductory English (1010-1050), including one of ENGL-1010, 1020, or 1050, or permission of the instructor.

Environmental Studies

ENVS/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.
ENVS/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. Prerequisites: PCTS-1110.

IDS/ENVS/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: 30 credit hours of university-level study. Students may not hold credit for this course and the former IDS-2521.

Geography

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.

ENVS/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.

IDS/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: 30 credit hours of university-level studies.

History

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-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.

HIST/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.

HIST/POLS-2110W 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. A writing course fee will be assessed for this course.

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. Students may not hold credit for this course and the former TFA-2000. Formerly TFA-2030

HIST-3200 Theory and Methods of History I: (3.0 credit hours) This course introduces a variety of historians and their approaches to writing history. It focuses on theories of history and it traces how historians’ questions, methods, and narrative strategies have changed over time. It engages the debates about the definition of history, and provides a context for practicing the analysis of historical sources. Prerequisites: 30 credit hours of university-level study, including 6 credit hours of 1000- or 2000-level history.

HIST-3210 Theory and Methods of History II: (3.0 credit hours) This course explores the various methodologies used by historians to investigate and interpret the past. Prerequisite: HIST-3200.

History Area Courses Available
In 2019-2020 CMU is offering the following courses which can serve to meet elective requirements in History majors. Please consult the degree presentation in the Academic Calendar to determine how many are permitted for your program.

- MUSC-2220 Music History I
- MUSC-2230 Music History II
Indigenous Studies

INDS-1050 Indigenous Peoples of Canada: (3.0 credit hours) An overview of aboriginal societies in Manitoba and Canada, linking processes of the past with contemporary aboriginal life and issues. The course covers topics such as stages of colonization, pre- and post-contact periods, aboriginal 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), aboriginal rights, aboriginal land claims, aboriginal economic development, aboriginal urbanization and aboriginal gender issues. **Students may not hold credit in both INDS-1010/1020 and INDS-1050.**

PCTS/IDS/INDS-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. **Prerequisites: either PCTS-1110 or IDS-1110.**

International Development Studies

IDS-1110W 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. **A writing course fee will be assessed for this course.**

IDS/PCTS-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: IDS-1110 or BUSI-1000.**

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 or corequisite: 6 credit hours of introductory Social Science; IDS-1110 is recommended.**

PCTS/IDS/INDS-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. **Prerequisites: either PCTS-1110 or IDS-1110.**

IDS/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: 30 credit hours of university-level studies.**

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: 30 credit hours of university-level studies, including IDS-1110, ECON-1000 and 1010.**

IDS/ENVS/SOCI-3521 Study of Simple Living: (3.0 credit hours) Within International Development Studies, development is increasingly understood as a participatory, deliberative 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: 30 credit hours of university-level study. Students may not hold credit for this course and the former IDS-2521.**

PCTS/IDS/POLS-3950C Indigenous Politics, Land, and Globalization: (3.0 credit hours) The course introduces students to critical considerations of globalization from the perspective of Indigenous peoples from around the world. Issues explored in the course include Indigenous epistemologies, impacts of globalization on Indigenous peoples, human rights of Indigenous peoples and Indigenous social movements. The focus will be on two dimensions of globalization: global Indigenous organizing in the United Nations and resource extraction on Indigenous territories. **Offered in spring 2020.**

IDS/PCTS/POLS/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. Prerequisites: 60 credit hours of university level studies, including 18 credit hours in IDS, PCTS, SOCI, POLS, GEGO or PSYC, or permission of the instructor. It is recommended that the practicum requirement be completed prior to taking this course.

**IDS Area Courses Available**
In 2019-2020 CMU is offering the following courses, which can serve as area courses for majors in International Development Studies. Please consult the degree presentation in the Academic Calendar to determine how many are required for your program.

- BUSI/PSYC-2020 Organizational Behaviour
- BUSI/PSYC-3000 Organizational Leadership
- COMM-3020 Group Communication and Creative Process
- ENVS/PCTS-2620 Ecological Peacebuilding
- PCTS-3600 Art of Peacebuilding
- POLS/COMM/SOCI-3000 Politics, Society, and Mass Media
- SOCI/PCTS-2030 Inter-cultural Theory and Practice

**Languages**

**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. May not be held for credit together with LANG-1211.

**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: LANG-1210. May not be held for credit together with LANG-1221.

**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.

**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: LANG-2410.

**Mathematics**

**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. Includes a laboratory requirement (MATH-1000L). A laboratory fee will be assessed. Cross-listed as PSYC-2040. Students may not hold credit in both this course and PSYC-2040.

**MATH-1020 Introduction to Calculus:** (3.0 credit hours) Differentiation and integration of elementary functions, with applications to maxima and minima, rates of change, area, and volume. Includes a laboratory requirement (MATH-1020L). A laboratory fee will be assessed. Prerequisite: a minimum grade of 60 per cent in Pre-calculus Mathematics 40S or MATH-0900.

**MATH-1030 Calculus II:** (3.0 credit hours) Theory and techniques of integration, curve sketching, volume, arc length, surface area and partial derivatives. A laboratory fee will be assessed. Prerequisite: MATH-1020 with minimum grade of “C”.

**MATH-1050 The Art of Mathematical Thinking:** (3.0 credit hours) Math is 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. This course cannot be used within a Mathematics major or minor. No prerequisites other than university admission requirements.

**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. Pre-requisites: MATH-2005 or former MATH-1010 and MATH-1030 with minimum grades of “C”.

**Busi/Math-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: MATH-1000.

**Music**

**Musc-1000W 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: rudiments of music; corequisite: MUSC-1100. A writing course fee will be assessed for this course.

**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: MUSC-1000; corequisite: MUSC-1110.

**Musc-1100 Music Skills I:** (1.5 credit hours) The development of aural skills through sight-singing, dictation, and aural analysis. Also included is keyboard proficiency through score reading, figured bass realization, and improvisation. Corequisite: MUSC-1000.

**Musc-1110 Music Skills II:** (1.5 credit hours) A continuation of Music Skills I. Prerequisite: MUSC-1100; corequisite: MUSC-1010.

**Musc-1140 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. Prerequisite: MUSC-141X (voice).

**Musc-1220W 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. A writing course fee will be assessed for this course.

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, twelve in each semester. IAMS course 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 at beginning in January. Student 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: 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: 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: 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.

MUSC-1700, 2700, 3700, 4700 Ensemble I – CMU Singers: (2.0 credit hours) An auditioned SATB choral ensemble comprised of 40-45 singers. It will study and perform a wide variety of music that will focus on developing the students’ individual and group vocal and intonation skills, choral reading, and interpretive skills, and historical/cultural performance practices. As well, opportunities will be given for solo and small group instrumental/vocal performances. There will be a tour as part of the requirement for the course, either during Reading Week or immediately following Convocation. This ensemble is open to all students enrolled for at least one 3 credit hour course each semester.

MUSC-1701, 2701, 3701, 4701 Ensemble II – Men’s Chorus: (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, but they do not go on tour. This ensemble is open to all students enrolled for at least one 3 credit hour course each semester.

MUSC-1702, 2702, 3702, 4702 Ensemble II – Women’s Chorus: (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, but they do not go on tour. This ensemble is open to all students enrolled for at least one 3 credit hour course each semester.

MUSC-1720, 2720, 3720, 4720 Ensemble II – 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-1740, 2740, 3740, 4740 Ensemble II – Guitar: (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 Ensemble II – Instrumental Chor- ber: Concert Band: (1.0 credit hour) Instrumentalists are encouraged to form trios, quartets, and quintets. 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-1770, 2770, 3770, 4770 Ensemble II – Handbells: (1.0 credit hour) Instrumentalists are encouraged to form trios, quartets, and quintets. 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-1760, 2760, 3760, 4760 Ensemble II – Vocal Jazz: (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, and chapel services. This ensemble is open to all students enrolled for at least one 3 credit hour course each semester.

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: MUSC-1010; corequisite: MUSC-2100.

MUSC-2100 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, twelve-tone theory, and those of rhythmic or textural rather than pitch-centred motivation. This course also includes a unit on structuring within fugues. Prerequisite: MUSC-2000; corequisite: MUSC-2110.

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: MUSC-1110; corequisite: MUSC-2000.

MUSC-2110 Music Skills IV: (1.5 credit hours) A continuation of Music Skills III. Prerequisite: MUSC-2100; corequisite: MUSC-2100.
**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-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. Prerequisite: rudiments of music or permission of the instructor.

**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 II credit. Admission by audition or permission of the instructor.

**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 II credit. Admission by audition or permission of the instructor.

**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: MUSC-1220 or permission of the instructor. Students may not hold credit for this course and 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: MUSC-1220 or permission of the instructor. Students may not hold credit for this course and 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: A minimum of 30 credit hours of university studies.

**MUSC/BTS-2310 Hymnology – The History of Congregational Song:** (3.0 credit hours) A study of the music and theology of the various streams of Christian hymnody up to the mid-twentieth century, particularly as represented in the Mennonite- Anabaptist tradition. The focus will be on congregational music, emphasizing hymns and hymn tunes, and their evaluation, including the exploration of their use in worship.

**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. Prerequisite: Successful completion of testing in rudiments of music or the permission of the instructor.

**MUSC-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. Prerequisite: rudiments of music.

**MUSC-2870 Music Therapy Practicum I:** (1.0 credit hour) 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: Admission to the Music Therapy program.

**MUSC-2880 Music Therapy Practicum II:** (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: MUSC-2870 with a minimum grade of C+.

**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: MUSC-2010.

**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: 30 credit hours of university-level study.

**MUSC-3801 Music Therapy Methods for Adults I:** (3.0 credit hours) This course will focus on disabling conditions of adulthood. Principles of music therapy and theoretical approaches/styles will be discussed. Clinical skills, such as assessment, treatment and evaluation will be introduced, alongside the practical application of music therapy techniques. Linked to this course is a weekly Clinical Improvisation and Skills (CIS) class (MUSC-3801L). Prerequisite: MUSC-2800 and admission to the Music Therapy program.

**MUSC-3802 Music Therapy Methods for Adults II:** (3.0 credit hours) A continuation of Music Therapy Methods for Adults I, this course will also discuss professional issues, as well as the implications of working in a multicultural environment. The music therapist as a member of the treatment team, and other disciplines involved in clinical treatment will be discussed. Linked to this course is a weekly Clinical Improvisation and Skills (CIS) class (MUSC-3802L). Prerequisite: MUSC-3801 and admission to the Music Therapy program.

**MUSC-3840 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. Students may not hold credit for both this course and for MUSC-3850. Prerequisite: Successful completion of testing in rudiments of music.

MUSC-3860 Brass Techniques: (3.0 credit hours) Group instruction in brass instruments. Instruction explores playing techniques and evaluates materials and procedures for individual and group instruction. Prerequisite: MUSC-2010.

MUSC-3870 Music Therapy Practicum III: (3.0 credit hours) Supervised field experience with different special populations, working with both groups and individuals. Designing, implementing, documenting and evaluating clinical experiences. Prerequisite: MUSC-2880 with a minimum grade of C+.

MUSC-3880 Music Therapy Practicum IV: (3.0 credit hours) Supervised field experience with different special populations, working with both groups and individuals. Designing, implementing, documenting and evaluating clinical experiences. Prerequisite: MUSC-3870 with a minimum grade of C+.

MUSC-3950 Topics – Thinking with Gender: (3.0 credit hours) As a powerful socio-cultural organizing principle, gender structures our understandings of many aspects of our lives, including our ways of thinking about music. We will employ gender as an analytic lens, calling attention to some of the unspoken assumptions about gender that shape musical value systems and practices of music-making. We will also investigate musical issues where gender is an explicit topic engaged by musicians and audiences. Prerequisites: 3 credit hours of university-level studies.

MUSC-4050 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: MUSC-240X (piano) or permission of the instructor.

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: MUSC-3150 and admission to a concentration.

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: MUSC-3150.

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: MUSC-2230 and 30 credit hours of university-level study.

MUSC-4800 Research in Music Education and Therapy: (3.0 credit hours) Methodologies for interpreting, conducting, and reporting research. Students will also perform database literature searches and consider how to apply research findings to practice. Prerequisite: 60 credit hours of university-level studies.

### Peace and Conflict Transformation Studies

PCTS-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.

IDS/PCTS-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: IDS-1110 or BUSI-1000.

SOCI/PCTS-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. Prerequisite: PCTS-1110 or 24 credit hours of university-level study.

PCTS-2146 Peace Skills – Restorative Justice: (1.5 credit hours) This course will enable participants to develop a foundational knowledge of restorative justice in education/organizational contexts as well as discover some of the practical applications of restorative practices for these settings. The learning will take place in a workshop setting that will include: lectures and presentations, interactive learning exercises, group discussions and circles. Possible topics will include: foundations of restorative justice, changing our justice lenses, restorative discipline, current restorative justice initiatives in schools, beliefs, values and the restorative justice continuum of practices in schools (which include a restorative paradigm, restorative conversations, circle and conferences). Prerequisite: PCTS-1110 or 24 credit hours of university-level study.

PCTS-2150 Peace Skills – Mediation: (1.5 credit hours) This workshop focuses on the process and skills of interpersonal mediation. This is accomplished through presentation of a mediation model, large and small group interaction, as well as participation in mediation simulations.

PCTS-2150C Active Bystander Training: (3.0 credit hours) This course will support participants to intervene effectively when they witness violence or harm. Informed by nonviolence, conflict transformation, and anti-oppression work, participants will consider a range of practices to disrupt harmful behavior. The course will be highly participatory, including exercises and role-plays in order to practice bystander intervention skills that students can apply to school, work, and public spaces. Students will learn how to respond to incidents ranging from hostile confrontations to everyday remarks in hopes of affirming the value of diversity and respect. Offered in spring 2020.
PCTS/IDS/INDS-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. Prerequisites: either PCTS-1110 or IDS-1110.

ENVS/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. Prerequisites: PCTS-1110.

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. Prerequisites: PCTS-1110.

COMM/PCTS-2950 Topics – 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.

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. Prerequisites: PCTS-1110 and 30 credit hours of university-level study.

PCTS-3600 Art of Peacebuilding: (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. Prerequisites: PCTS-1110 and 30 credit hours of university-level study.

BTS/PCTS-3895 Topics – Faith and Toleration: (3.0 credit hours) This course explores the dynamics of faith and toleration in historical and contemporary perspectives within Christianity and other religious traditions. The course will address topics such as the following: violence within Christianity, settler and indigenous relations, religion and modernity, sexual and domestic violence, and interreligious relations. An overarching aim in the course is to develop theoretical resources that support the work of reconciliation and peace. Prerequisites: 30 credit hours of university-level studies.

BTS/PCTS-3895C Does Religion Cause Violence?: (3.0 credit hours) This course examines the common notion that religion has a peculiar tendency to promote violence. We will analyze secularist treatments of religion and violence and narratives of the European “Wars of Religion,” questioning what is meant by “religion,” whether secular ideologies are more peaceful, and how and why the distinction between “religious” and “secular” is constructed in the first place. We will then examine René Girard’s theory of violence and his argument that Christianity is the “religion” that ends religious violence. Offered in spring 2020.

PCTS/BUSI-3950C Leading in an Age of Polarization: (3.0 credit hours) Polarization refers to the process by which more and more people in a society come to hold opinions at the more extreme ends of the spectrum, while the number of people in the moderate center dwindles. Polarization is both a global and an historic phenomenon, as it has surfaced in many countries and at numerous points in history. The challenge for leaders of any system (congregations, businesses, schools, governments and other organizations) is how to lead when many organizational members instinctively “take sides” based on group loyalties rather than careful processing. This course will present findings from the research on what causes polarization, along with proven strategies from community, congregational and university leaders who have successfully led in polarized environments. Participants will be invited to share the challenges in their unique contexts and will leave with a customized plan for effective leadership in their setting. Offered in spring 2020.


PCTS/PSYC-3950C Trauma, Healing, and Reconciliation: (3.0 credit hours) A creative exploration of current discourses in trauma, healing, and reconciliation. This course will focus on current theories and practices influencing helping professions and disciplines. There will be an emphasis on approaches that address violence, oppression, and colonialism in ways that build peace, humanize systems, and unify communities. Participants can expect dialogue circles, storytelling, and expressive art-making as means to deepen personal awareness and strengthen practices and the expansion of helping skills towards collective wellbeing. This course is rooted in an understanding that the more we work towards being a diverse and respectful “US,” the less we are pushed towards dividing practices that result in an oppressed or othered “THEM.” Offered in spring 2020.

ENGL/PCTS-3950C Dreaming Kanata and Canada: Indigenous Graphic Novels & Reconciliation: (3.0 credit hours) While Canada has become a great nation-state, it has not yet come close to the original Iroquoian word Kanata, a “village.” Indigenous peoples have struggled for over two centuries to have their voices and gifts heard in history books, government policies, and the most well-respected stories of this nation. Graphic writing is the oldest form of written expression by Indigenous peoples in North America – examples include the Mixtec Codex Zouche-Nuttall to Anishinaabe birch bark scrolls, rock paintings, beadwork and other forms. In these texts we find images and ideas of nationhood, culture, identity, and even Kanata. In recent times, many Indigenous storytellers have (re-) turned to graphic writing – now in the form of graphic novels – to
express themselves, combining traditional aesthetics with contemporary visual art forms. A “wave” of publications have found their way into the mass market and are now influencing an entire generation of readers. At the same time, few images have been more historically popular to mainstream graphic artists than that of Aboriginal people, who have acted as foils, heroes, and sidekicks for their western counterparts. In this course, students will gain a variety of skills through critical reading and literary theory and combine these with techniques to learn how to read, engage, and teach Indigenous graphic novels today. Offered in spring 2020.

IDS/PCTS/POLS/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. Prerequisites: 60 credit hours of university level studies, including 18 credit hours in IDS, PCTS, SOCI, POLS, GEOG or PSYC; or permission of the instructor. It is recommended that the practicum requirement be completed prior to taking this course.

Philosophy

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-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-2070 Business Ethics: (3.0 credit hours) Ancient wisdom tells us that, without justice, kingdoms are but great bands of robbers. 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.

PHIL/BTS-2950W Topics – Disability & Difference: Philosophical & 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 theological and philosophical concerns: free will, reason, morality, sin, solidarity, suffering, and salvation, among others. Our goal in this class is to begin to see the indispensability of disability not only to theological and philosophical reflection but also to 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. A writing course fee will be assessed for this course.

PHIL/BTS/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. Prerequisites: 6 credit hours of introductory English (1010-1050), including one of ENGL-1010, 1020, or 1050, or 6 credit hours of 1000- or 2000-level philosophy or permission of the instructor.

PHIL/BTS-4895 Topics – The Secular: (3.0 credit hours) This course will explore some of the most important attempts to make sense of the concept of the secular. It will examine the following sorts of questions: How and why did the concept of the secular come into being? How are the religious and secular spheres positioned relative to one another? What are the larger implications of these positions? How are some recent religious and political movements to be understood vis-à-vis the concepts of religion and the secular? Must the secular be against theology? Must theology be against secular? Do theology and the secular need each other? What might a post-secular theology look like? Prerequisites: 60 credit hours of university-level studies, including 9 credit hours in Biblical and Theological Studies.

Physical Education

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: (3.0 credit hours) A calculus-based introduction to classical mechanics which includes vectors, translational kinematics and dynamics, work and energy, linear momentum and collisions, rotational kinematics and dynamics, and oscillatory motion. Includes a laboratory requirement (PHYS-1010L). A laboratory fee will be assessed. Prerequisite: Physics 40S. Strongly recommended: MATH-1020.

PHYS-1020 Physics II – Waves and Modern Physics: (3.0 credit hours) A calculus-based introduction to waves and modern physics which includes: oscillations, waves, superposition, interference, relativity, photoelectric effect, quantisation, Rutherford atom, Bohr model, atomic spectra, deBroglie waves, Heisenberg’s uncertainty principle, nuclear reactions, fission, fusion, subatomic particles. Includes a laboratory requirement (PHYS-1020L). A laboratory fee will be assessed. Prerequisite: PHYS-1010. Strongly recommended: MATH-1030.
Political Studies

Categorization of Courses in Political Studies
The major in Political Studies requires course work in specific subfields. The subfield categories, with their abbreviations, are as follows:

WP – World Politics
CPS – Comparative Politics of the South
CPN – Comparative Politics of the North
GIP – Gender and Identity Politics
PTM – Political Theory and Methodology

These category abbreviations appear in brackets next to the Course ID and Course Title in the list below.

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.

BUSI/POLS-2040 Business and Labour Law [CPN]: (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. Prerequisites: BUSI-1000 or IDS-1110 or POLS-1000 or 1010.

HIST/POLS-2100 History of the United States from 1607 [CPN]: (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.

HIST/POLS-2110W The Fifties and Sixties – North America Cold, Cool and Radical [CPN]: (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. A writing course fee will be assessed for this course.

POLS/COMM/SOCI-3000 Politics, Society and Mass Media [CPN]: (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: 30 credit hours of university-level studies, including six credit hours in social science.


BTS/POLS-3995 Topics – Religion and Politics [PTM]: (3.0 credit hours) The study of primary sources that illustrate how theology fashioned Christian practices and understanding regarding the ordering of society, and the place of the church in the ancient, medieval, and modern eras will provide the focus for this course. The course is intended to acquaint the student with the originating tradition of Western political thought, with an emphasis on the contribution of theological arguments to political thought. That is, we will join in the conversation that makes up Christian political thought. Prerequisites: 30 credit hours of university-level studies, including 6 credit hours in Biblical and Theological Studies.

IDS/PCTS/POLS/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. Prerequisites: 60 credit hours of university-level studies, including 18 credit hours in IDS, PCTS, SOCI, POLS, GEOG or PSYC; or permission of the instructor. It is recommended that the practicum requirement be completed prior to taking this course.

Political Studies Area Courses Available
In 2019-2020 CMU is offering the following courses, which can contribute to majors in Political Studies. The four-year major may include up to twelve credit hours from these lists. The three-year major may include up to nine credit hours.

World Politics
• HIST-1000 History of the West in Global Context I
• HIST-1010 History of the West in Global Context II
• PCTS-2810 History and Strategies of Non-violence

Comparative Politics of the South (Development)
• IDS-1110W Introduction to International Development Studies
• IDS -2171 Crisis, Humanitarian Aid, and Disaster Recovery
• IDS-3111 An Analysis of Development Aid Policies

Comparative Politics of the North
• PCTS/IDS-2443 Conflict and Development Issues in Indigenous Communities

Gender and Identity Politics
• SOCI/BTS-2950 Topics – Queer Theory

Political Theory
• BTS-2800W Theology of Peace and Justice
• BTS-3450 Theologies of Power
• MATH-1000 Basic Statistical Analysis
• PCTS-1110 Introduction to Peace and Conflict Transformation
• PHIL-1000 The Task of Philosophy I – The Question of Reality
• PHIL-1010 The Task of Philosophy II – The Question of Knowledge
Practicum

PRAC-2000 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 sixty 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. Pre-requisite: 30 credit hours of post-secondary education.

PRAC-2010 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. Pre-requisite: 30 credit hours of post-secondary education.

Please note: Contact the practicum office, preferably several months before you plan to begin your practicum, to negotiate a placement. Initiating conversation early is good! Please contact Christine Kampen Robinson, Assistant Professor of Practicum and Social Science, ckampenrobinson@cmu.ca, or Werner Kliewer, Director of Practica, wkliewer@cmu.ca

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: PSYC-1010.

BUSI/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: BUSI-1000 or PSYC-1020 or permission of instructor.

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. Includes a laboratory requirement. A laboratory fee will be assessed. Cross-listed as MATH-1000. Students may not hold credit in both this course and that.

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: PSYC-1020 or permission of instructor.

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: PSYC-2400.

PSYC/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: PSYC-1020 or SOCI-1110 or PCT5-1110 or SOCI-1120.

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: PSYC-1020 or permission of instructor.

PSYC-2950W Topics – Psychology of Gender: (3.0 credit hours) This course is an interdisciplinary study of aging in individual and societal contexts. We will look critically at the biological, social, psychological and economic aspects of adults in later life and enable learners to make connections between their own present lives and the lives of local older adults. Areas of interest include many of the challenges and opportunities of aging, including myths and stereotypes of aging, family relationships and social ties, community involvement, work and retirement, leisure, finances, housing, and healthcare. Prerequisite: PSYC-1020 or permission of the instructor. A writing course fee will be assessed for this course.

PSYC-2950W Topics – 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: PSYC-1020 or permission of the instructor. A writing course fee will be assessed for this course.

BUSI/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: 30 credit hours of university-level courses.

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: 12 credit hours in Psychology.

**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: 30 credit hours of university-level studies, including PSYC-1020 or permission of the instructor.

**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: 12 credit hours in Psychology.

**PSYC-3950 Topics – Human Resilience Across the Lifespan**: (3.0 credit hours) This course is a study in the capacity for humans to adapt to adversity across the lifespan. We will review challenges experienced for children, adolescents, young adults, middle-aged adults and older adults. The course will explore factors that promote individual, family, and community resilience. An introduction to resilience measures and resilience interventions will be provided. The focus will be on psychological resilience, however physical/social/economic/spiritual resilience interact with psychological resilience and thus will also be addressed. Prerequisites: A minimum of 30 credit hours of university-level studies.

**PSYC/SOCI-3950C Trauma, Healing, and Reconciliation**: (3.0 credit hours) A creative exploration of current discourses in trauma, healing, and reconciliation. This course will focus on current theories and practices influencing helping professions and disciplines. There will be an emphasis on approaches that address violence, oppression, and colonialism in ways that build peace, humanize systems, and unify communities. Participants can expect dialogue circles, storytelling, and expressive art-making as means to deepen personal awareness and strengthen practices and the expansion of helping skills towards collective wellbeing. This course is rooted in an understanding that the more we work towards being a diverse and respectful “US,” the less we are pushed towards dividing practices that result in an oppressed or othered “THEM.” Offered in spring 2020.

**PSYC/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 endeavor. Prerequisite: 60 credit hours of university-level studies, including 12 credit hours in social sciences.

**Sociology**

**SOCI/ANTH-1120W Introduction to Sociological and Anthropological Perspectives**: (3.0 credit hours) This course provides an introduction to the study of the social world and the behaviour of people in a variety of situations and across cultures, guided by an interdisciplinary range of theoretical and conceptual resources. Emphasis is placed on language(s), individual and group identities, relationships, belief systems and attitudes, and processes of social and cultural change. A writing course fee will be assessed for this course.

**SOCI/PCTS-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.

**PSYC/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: PSYC-1020 or SOCI-1110 or PCTS-1110 or SOCI-1120.

**SOCI/BTS-2950 Topics – Queer Theory**: (3.0 credit hours) This class will examine formations of knowledge, focusing particularly around ideas of what is “normal” and questioning how we encounter difference in others. We’ll read and discuss the ways academics, theologians, and activists connect our ideas about gender and sexuality to fundamental understandings and assumptions about who we are and how the world works. Focusing the course around the transgressive and potentially uncomfortable term “queer” signals that this class will be about more than just issues of identity. Throughout the semester we will engage “queering” as a practice of deconstruction and critical thinking that provides crucial skills for encountering complexity and ambiguity. What we study this semester has real-life consequences, and thus we will be attentive throughout to questions of power in all of its potential manifestations. Prerequisite: 30 credit hours of university-level study, including SOCI-1110 or SOCI-1120.

**POLS/COMM/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: 30 credit hours of university-level studies, including six credit hours in social science.

**Religion**

**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.

**IDS/ENVS/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 prac-
tices 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: 30 credit hours of university-level study. Students may not hold credit for this course and the former IDS-2521.

**SOCI-3950 Topics - Explorations at the Intersection of Culture and the Digital Age:** (3.0 credit hours) History speaks of key moments that dramatically impacted the experience of being human, notably the shift to agrarianism and the invention of the printing press. Arguably, the current digital age represents another one of these critical turning points in human history. This course will explore the multiple ways in which the digital age is altering our personal and corporate experiences. Through an engagement with key academic figures exploring our shifting human landscape, students will explore the psycho-social consequences associated with our increasing engagement with digital technologies. Prerequisite: 30 credit hours of university-level study, including SOCI-1110 or SOCI-1120.

**PSYC/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: 60 credit hours of university-level studies, including 12 credit hours in social sciences.

**IDS/PCTS/POLS/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. Prerequisites: 60 credit hours of university level studies, including 18 credit hours in IDS, PCTS, SOCI, POLS, GEOG or PSYC; or permission of the instructor. It is recommended that the practicum requirement be completed prior to taking this course.